Gene name	RefSeq	Locus link number	cytogenetic band (from the genome browser June 2002 release)	Location of the gene (based on the June 2002 version of the human genome)	R/G bands (from the genome browser June 2002 release)	CpG island (exact promoter region)	CpG island (expanded region)	Remapping results	polip1 p-value	polip1 ratio	polip2 p-value	polip2 ratio	polip3 p-value	polip3 ratio	polip4 vs normal colon p-value	polip4 vs normal colon ratio	Carcinoma1 combined p-value	Carcinoma1 combined ratio	Carcinoma1_rep1 p-value	Carcinoma1_rep1 ratio	Carcinoma1_rep2 p-value	Carcinoma1_rep2 ratio	Carcinoma2 p-value	Carcinoma2 ratio	caco-2 combined replicate p-value	caco-2 combined replicate ratio	caco-2 rep1 p-value	caco-2 rep1 ratio	caco-2 rep2 p-value	caco-2 rep2 ratio	caco-2 vs normal colon p-value
filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter	filter
protocadherin alpha 12	NM_018903	56137	5q31.3	140071369	neg	0	1	2	0.19253	1.95385006	0.018	15.2166667	0.966277	0.26492	0.9998351	0.1114615	0.16427891	1.51531184	0.72925199	0.16532023	0.13151	1.58151			0.267646505	1.24011781			0.271963	1.64706	
KIAA0669 gene product	NM_014779	9819	3q25.1	146998898	neg	1	1	2			0.24643	3.41764706	0.95284	0.34908641			0.84443171	0.67927291			0.84809	0.67927									
phospholipase C, beta 1 (phos	NM_015192	23236	20p12.3	8101352	pos	1	1	2									0.93654373	0.35024298			0.9404	0.35024									
carbonic anhydrase II	NM_000067	760	8q21.2	85200048	neg	1	1	1									0.65771245	0.69222506			0.65633	0.69223									
reelin	NM_005045	5649	7q22.1	101596139	neg	1	1	2									0.99943679	0.28201523			0.99959	0.28202									
hypothetical protein FLJ14825	NM_032847	84933	8q24.13	123374852	neg	1	1	0			0.20464	1.95122807	0.889722	0.46778687			0.74198685	0.67155584			0.74326	0.67156									
O-sialoglycoprotein endopepti	NM_017807	55644	14q11.2	18286285	neg	1	1	2			0.22546	1.84209184	0.807248	0.41210301	0.47409536	0.87236325	0.8944045	0.59645066			0.89854	0.59645									
sirtuin silent mating type infor	NM_012241	23408	6p23	13632413	neg	1	1	2									0.4217588	1.05106062			0.41282	1.05106									
endothelin converting enzyme	NM_001397	1889	1p36.12	21116743	pos	1	1	0									0.99749706	0.33831062			0.998	0.33831									
SEC24 related gene family, me	NM_004922	9632	10q22.2	74285007	pos	0	1	0	0.79404	0.7698922	0.48674	0.99728682	0.617599	0.74219627	0.49565595	0.95254215	0.9459959	0.63036798			0.94965	0.63037	0.628312419	0.8737464	0.295585919	1.14177682			0.324382	1.47549	0.58339547
farnesyl diphosphate synthase	NM_002004	2224	1q22	153136260	pos	1	1	1	0.773	0.82030759	0.8444	0.7037527	0.472605	1.00796828	0.94118025	0.69798144	0.29282494	1.18327352	0.26888815	1.19899194	0.57074	0.72681	0.85046778	0.86571244	0.824004257	0.46496012			0.785938	0.64191	0.94546254
M-phase phosphoprotein 1	NM_016195	9585	10q23.31	90342935	pos	0	1	2	0.38834	1.17337171	0.12612	1.90778388	0.711108	0.5252449	0.50522143	0.88247944	0.71245345	0.73653833	0.50890256	0.64609222	0.7127	0.73661	0.653387592	0.74265008							0.43177667
Nedd-4-like ubiquitin-protein li	NM_007014	11060	16q22.1	60490416	neg	1	1	0	0.63865	0.83110203	0.23417	1.59339506	0.384461	1.13467517	0.35200648	1.82025456	0.14906254	2.91475601			0.13784	2.91476									
histone acetyltransferase MYS	NM_032188	84148	16p11.2	30211175	neg	1	1	2									0.55000651	0.50259072			0.54499	0.50259									
fibroblast growth factor 4 (hep	NM_002007	2249	11q13.3	72082624	neg	1	1	2	0.1486	1.3706994	0.16756	1.35961905	0.964566	0.63518417	0.37167916	1.06467787	0.59108563	0.81282682	0.57883453	0.8231712	0.54239	0.70445	0.667475528	0.9517194	0.001293902	6.90872767			0.000336	8.64118	0.07512381
malonyl-CoA decarboxylase	NM_012213	23417	16q23.3	74781644	pos	1	1	2									0.98271608	0.47551463			0.98476	0.47551									
platelet derived growth factor (	NM_016205	56034	4q32.1	158562407	pos	1	1	2									0.97386201	0.47942373			0.97647	0.47942									
casein kinase 2, alpha 1 polyp	NM_001895	1457	20p13	451790	neg	1	1	2									0.96189588	0.41732656			0.96506	0.41733									
glutathione S-transferase M4	NM_000850	2948	1p13.3	110677664	neg	1	1	0	0.42393	1.07693056	0.18527	1.42098854	0.81442	0.78682744	0.42575425	1.01629931	0.93360057	0.66389536	0.54993718	0.62068385	0.93688	0.66412	0.777135875	0.82424365	0.624312647	0.93507024			0.333446	1.2211	0.71903083
leucine carboxyl methyltransfe	NM_016015	51451	#N/A	#N/A		1	1	2	0.75544	0.81287058	0.53797	0.9538728	0.714348	0.88214942	0.63587066	0.85889684	0.60005276	0.9287249	0.42988361	0.94455039	0.58896	0.82558	0.416616141	1.08511348	0.76713933	0.48546046			0.69819	0.68703	0.65927319
vinculin	NM_014000	7414	10q22.2	74712186	pos	1	1	2	0.11123	1.47624597	0.05331	1.81471106	0.917125	0.75317279	0.35135439	1.07179626	0.52261038	0.96233697	0.5391393	0.72185188	0.4939	0.98551	0.630062666	0.95446616	0.51179977	0.71086209			0.605638	0.75542	0.46784903
hypothetical protein MGC3133	NM_031287	83443	6q24.2	144039287	neg	0	1	2	0.36638	1.09131414	0.78722	0.75998226	0.541179	0.98129754	0.54069042	0.88810099	0.89683658	0.68578352	0.37943803	1.2768377	0.93395	0.62213	0.955919577	0.80087405	0.805031414	0.50736906			0.825246	0.62437	0.95384906
Fanconi anemia, complementa	NM_004629	2189	9p13.3	35386046	neg	1	1	2	0.90277	0.68502388	0.59668	0.90824221	0.43154	1.03096754	0.50186476	0.88402289	0.6102863	0.9250565	0.23573771	1.41687976	0.8066	0.73568	0.712984552	0.9150605	0.620879995	0.64026517			0.663636	0.73484	0.79173793
transcriptional co-activator wit	NM_015472	25937	3q25.1	146167579	neg	1	1	2	0.26203	1.28158184	0.07174	1.85093897	0.539661	0.92924221	0.17708607	1.74368861							0.629382252	0.91819304	0.036154867	3.82969191			0.02568	4.84967	0.21366319
putative emu2	NM_133457	136227	7q22.1	99489871	neg	1	1	2	0.11186	1.45011492	0.05638	1.89127604	0.349103	1.09755852	0.2970857	1.36731812	0.51036163	0.99130188			0.49595	0.9913	0.178145637	1.21764486	0.644221704	0.98091146			0.300741	1.45329	0.50203974
bystin-like	NM_004053	705	6p21.1	41891312	neg	1	1	2			0.20092	3.24424603	0.758126	0.40398373			0.63082491	0.69513617			0.62854	0.69514									
hypothetical protein FLJ10563	NM_018139	55172	14q21.3	47413751	pos	1	1	0	0.36465	1.11054519	0.10293	1.56125781	0.974995	0.50740012	0.78628291	0.77244432	0.78749137	0.72363224	0.61330496	0.59607823	0.77677	0.73103	0.46774719	1.03724103	0.629807357	0.93336806			0.354329	1.21569	0.45476907
COP9 constitutive photomorph	NM_016319	50813	12p13.31	6747951	neg	1	1	2	0.22614	1.41845619	0.29888	1.24322079	0.662325	0.69041559			0.47565275	1.02708844	0.54414713	0.64149462	0.46444	1.03052	0.511021089	1.0317482	0.523847888	0.68180795			0.466776	0.87294	0.64581995
helicase/primase complex prot	NM_138336	150678	2q37.3	240436756	neg	1	1	2									0.90856605	0.44486353			0.9127	0.44486									
proteasome (prosome, macrop	NM_005789	10197	17q21.31	40635951	neg	1	1	2	0.24901	1.29719479	0.08873	1.65670635	0.870989	0.67678733	0.46429528	0.93093382	0.65458552	0.87469443	0.46530018	0.47357294	0.65194	0.87554	0.70128229	0.82006609							0.7473772
cyclin D1 (PRAD1: parathyroid	NM_053056	595	11q13.3	71950700	neg	1	1	2									0.99423755	0.21367521			0.9952	0.21368									
potassium voltage-gated chan	NM_012282	23630	Xq23	104169976	pos	1	1	2									0.99396679	0.31166565			0.99496	0.31167									
hypothetical protein FLJ14249	NM_106552	64342	2p24.1	20708862	pos	1	1	2	0.32234	1.14937466	0.09276	1.58656656	0.674686	0.90528595	0.32903392	1.08906484	0.68465316	0.8563763	0.4123292	0.92438845	0.74996	0.58845	0.710767506	0.91496897	0.535614876	0.74760844			0.472315	0.88592	0.28397514
cell death-inducing DFFA-like (	NM_014430	27141	14q11.2	22146837	neg	1	1	2									0.93169573	0.59251997			0.93563	0.59252									
fatty acid binding protein 5 (ps	NM_001444	2171	8q21.13	81070304	pos	1	1	2	0.39946	1.08074666	0.06067	1.93715896	0.963367	0.49555999	0.41521015	1.06934357	0.55491398	0.82128959	0.54332131	0.76942459	0.52891	0.86133	0.606858896	0.96418994	0.007620895	3.22754962			0.002401	3.98939	0.28055036
EH-domain containing 2	NM_014601	30846	19q13.32	48863305	pos	0	1	0	0.89339	0.55007028	0.52804	0.95078046	0.765682	0.45013803	0.38063001	1.16856807	0.97111033	0.47539662			0.97386	0.4754	0.47583682	1.29385888	0.27106025	1.22098862			0.286536	1.5387	
protein tyrosine phosphatase,	NM_014369	26469	2q21.1	128348707	neg	1	1	2	0.44467	1.41587688	0.0451	1.89339802	0.997434	0.53872798	0.40711697	1.19629783	0.99567661	0.3999201	0.7375584	0.32964591	0.99558	0.40299	0.595757485	0.96372347							0.4116552
hypothetical protein MGC1415	NM_032356	84316	17p13.1	8225779	neg	0	1	2	0.52478	0.74372009	0.386	1.12670789	0.910657	0.62679375	0.46305548	0.77155061	0.97814677	0.42075633	0.72279018	0.45166577	0.97606	0.41755	0.846914686	0.55915854	0.633264226	0.50453822			0.678388	0.60392	
aldo-keto reductase family 1, n	NM_001628	231	7q33	132469732	pos	1	1	2	0.46701	1.1473214	0.06367	2.90363036	0.61387	0.7480542	0.30213931	2.58438418	0.89859848	0.4723917			0.90274	0.47239			0.047118588	2.99566549			0.008453	36.8529	
dipeptidylpeptidase III	NM_130443	10072	11q13.3	68782013	neg	1	1	2	0.85659	0.51348747	0.17912	1.63063315	0.746875	0.64650482	0.41113876	1.06547725	0.95182159	0.4723917			0.95532	0.47239	0.527285192	1.02519039	0.528780317	0.62652812			0.570015	0.74208	
hypothetical protein FLJ12387	NM_022822	64837	11q13.3	68559310	neg	1	1	2									0.95016206	0.52228063			0.95371	0.52228									
cholinergic receptor, nicotinic,	NM_000745	1138	15q24.3	74936776	neg	1	1	1									0.99891346	0.30688566			0.99917	0.30689									
peroxiredoxin 5	NM_012094	25824	11q13.1	66601381	neg	1	1	1	0.09624	1.47287773	0.07038	1.68895349	0.78015	0.84309336	0.33616184	1.25321588	0.83018338	0.74537743	0.48914736	0.72481926	0.83351	0.74539	0.44287122	1.05279631	0.550840497	0.81881305			0.49711	0.8761	0.65686091
chromosome 5 open reading fr	NM_018691	10827	5q33.2	153443002	pos	1	1	2																							
potassium voltage-gated chan	NM_012285	23415	17q21.2	39865759	pos	1	1	2	0.34389	1.14027377	0.32498	1.17661049	0.980383	0.62267303	0.58064084	0.88266279	0.70286468	0.85126091	0.75836363	0.41768041	0.64578	0.89004	0.486942738	1.01992671	0.300896371	1.03852192			0.188645	1.4395	0.16841996
RAS-related on chromosome 2	NM_006477	10633	22q12.2	26405022	neg	1	1	2					0.77883	0.46544142			0.75584083	0.71842913			0.75751	0.71843			0.603222775	0.53373726			0.641895	0.64415	
muscle RAS oncogene homolo	NM_012219	22808	3q22.3	135051361	pos	1	1	2	0.08426	1.70020844	0.06596	1.75798611	0.673249	0.72585244	0.42563057	1.16881332	0.65657448	0.55798063			0.65515	0.55798	0.414298367	1.14231077	0.297596102	1.10265559			0.300816	1.49126	0.36317484
protein tyrosine phosphatase,	NM_030667	5800	12p12.3	15215082	pos	1	1	2	0.15181	1.7052391	0.62488	0.85037771	0.819553	0.48161475	0.24369821	1.20773931	0.6478774	0.85715218			0.64617	0.85715			0.696631482	0.49504218			0.785202	0.54394	
SMC4 structural maintenance (	NM_005496	10051	3q25.33	157586038	neg	0	1	0	0.32489	1.24351043	0.12421	1.77261307	0.90922	0.56215438	0.53140386	0.75620894	0.20206789	1.42951597	0.58377555	0.47424909	0.18198	1.451			0.617671274	0.88432831			0.345729	1.30392	
ADG-90 protein	NM_033069	85411	6p23	13527047	neg	1	1	2																							
chloride channel 3	NM_001829	1182	4q33	171346446	neg	1	1	1	0.32668	1.13153444	0.17899	1.34261425	0.994511	0.64443374	0.68093574	0.81828062	0.64825627	0.85818086	0.73883655	0.52401893	0.55148	0.94413	0.375000144	1.06735935	0.587188839	0.59911981			0.719124	0.60895	0.68510977
interleukin 11	NM_000641	3589	19q13.42	56740179	neg	0	1	2																							
hypothetical protein FLJ22390	NM_022746	64757	1q41	219556692	pos	1	1	2																							
RAP2B, member of RAS oncog	NM_002886	5912	3q25.2	149859659	pos	1	1	1			0.40643	2.14835859																			
rabconnectin-3	NM_015263	23312	15q21.2	47298243	neg	1	1	2	0.03231	1.66511551	0.02606	1.95541912	0.987793	0.66681072	0.43273341	1.04915625	0.73668496	0.84396289	0.82481931	0.49568327	0.62803	0.9111	0.422020819	1.03919426	0.833159567	0.446095			0.841406	0.5743	0.43045003
endothelial-derived gene 1	NM_025205	80306	4p15.32	17431077	neg	0	1	2	0.5141	0.98855465	0.71242	0.81011976	0.388635	1.09281638	0.01086683	1.60475761	0.19165185	1.25095438	0.01177907	2.50811074	0.71203	0.84267	0.980861734	0.57029144	0.901486464	0.36267884			0.943927	0.4339	0.58781688
hypothetical protein FLJ12377	NM_024989	80055	2q33.1	195900815	neg	1	1	2	0.0865	1.44779043	0.07548	1.61156004	0.899456	0.80295343	0.15696755	1.22309366	0.63541949	0.91553194	0.64836923	0.7332851	0.5915	0.93871	0.650525872	0.95660868	0.79424814	0.48755084			0.66143	0.74958	0.45333233
hypothetical protein DKFZp564	NM_032120	84060	7q21.2	90693536	neg	1	1	2									0.88745603	0.51574686			0.89157	0.51575									
zinc finger protein 147 (estrog	NM_005082	7706	17q23.2	54705902	pos	1	1	2	0.15135	1.38997685	0.01984	2.18006329	0.875584	0.70317884	0.28945523	1.19929431	0.45380437	1.03228772	0.73506145	0.4329424	0.40127	1.06097	0.201783588	1.19114604	0.534740465	0.6811096			0.621385	0.7351	0.487935
annexin A11	NM_001157	311	10q22.3	80872318	neg	1	1	1			0.28477	1.36401304	0.819637	0.5823387			0.50985515	0.95273173			0.49647	0.95273			0.51513099	0.62098104			0.460194	0.90472	
hypothetical protein MGC3196	NM_024084	79064	11q12.3	65070736	pos	0	1	0									0.69931798	0.77096369			0.69929	0.77096									
myristoylated alanine-rich prot	NM_002356	4082	6q21	114013869	neg	0	1	2	0.53566	0.95760055	0.36191	1.13557214	0.971491	0.51386822	0.34726901	1.53325878	0.90624502	0.61821534			0.91038	0.61822	0.69065392	0.83263719	0.823218523	0.40230932			0.849737	0.50395	
mitochondrial ribosomal prote	NM_014046	28973	6p21.33	30641347	neg	0	1	2	0.48936	1.01171396	0.13773	1.65818777	0.943171	0.5263371	0.50611629	0.76342926	0.14174552	1.70512116			0.13069	1.70512	0.524469702	1.02892832	0.528053568	0.69036031			0.461939	0.88453	0.78821604
FK506 binding protein 6 (36kD	NM_003602	8468	7q11.23	73558188	neg	1	1	0	0.68401	0.88029228	0.90237	0.63882257	0.261968	1.09773623	0.08677924	1.21639106	0.46013853	1.01999294	0.87667267	0.72106438	0.16273	1.22162	3.57767E-05	1.75196572	0.030341968	2.06667654			0.295256	1.13563	0.08275361
CGI-141 protein	NM_016072	51026	12p12.1	21940769	pos	1	1	1	0.43578	1.04870461	0.35425	1.12476636	0.961638	0.66006716	0.56891022	0.87277566	0.30337638	1.21715442	0.57824993	0.67348429	0.27671	1.24129	0.538359512	0.98456586	0.634359787	0.48515226			0.707735	0.5543	0.65207572
RB-associated KRAB represso	NM_021163	57786	7p22.1	4729925	neg	1	1	2	0.91814	0.67591341	0.83026	0.71309859	0.376944	1.07400674	0.49637744	0.88152582	0.56583305	0.9425152			0.56135	0.94252	0.627921311	0.9350316	0.752382099	0.53649778			0.715318	0.70588	0.85797638
HSPC157 protein	NM_014179	29092	1p36.12	21921610	pos	0	1	2	0.59332	0.9303592	0.36165	1.11204872	0.748026	0.8761343	0.42361121	1.01279824	0.57300727	0.94468199	0.49267407	0.82079075	0.56858	0.94481	0.952309096	0.76661107	0.749316915	0.50705272			0.83745	0.55154	0.64572777
peptidylprolyl isomerase (cycl	NM_014337	23759	22q11.21	18719003	neg	1	1	1	0.84615	0.74582691	0.744	0.78216511	0.673564	0.85576859			0.84405818	0.73511464			0.84772	0.73511	0.747401493	0.85184503	0.554851497	0.60472645			0.480446	0.88072	0.61416889
KIAA0769 gene product	NM_014824	9873	11q13.4	74879913	pos	1	1	2									0.85205821	0.51590492			0.85583	0.5159									
hypothetical protein FLJ12525	NM_031206	81887	Xq12	60952850	pos	1	1	1	0.87626	0.70077353	0.65089	0.85804054	0.612085	0.93799538	0.4341068	1.00577072	0.56331156	0.94965204			0.55874	0.94965	0.700581565	0.84249784	0.755151479	0.45316023			0.783635	0.55773	0.94402001
translation initiation factor IF2	NM_015904	9669	2q11.2	97835816	neg	0	1	1			0.15473	1.8675	0.866933	0.63291704			0.63332404	0.72937165			0.63112	0.72937									
adaptor-related protein comple	NM_012095	26985	10q22.2	74835620	pos	0	1	2	0.29906	1.17568302	0.14249	1.42075963	0.9797	0.64722928	0.26208085	1.25279562	0.90497081	0.69440741	0.84939391	0.52462344	0.8369	0.74212	0.680646963	0.93068058	0.785466346	0.46588205			0.792326	0.59294	0.24323831
HERV-H LTR-associating 3	NM_007071	11147	1p31.1	70944532	pos	1	1	0	0.22287	1.23206391	0.2056	1.29784024	0.91405	0.64628493	0.57580842	0.90783994	0.54711225	0.96436079	0.44443175	0.43738395	0.53885	0.96695	0.511072411	1.00787683	0.821527612	0.4519423			0.858776	0.54645	0.59139572
hypothetical protein MGC2780	NM_025266	80747	13q34	112231785	neg	1	1	0	0.29485	1.17645334	0.12647	1.48094335	0.960906	0.71733159	0.43666244	1.00525237	0.36588792	1.09624356	0.41972451	0.57016918	0.34828	1.10204	0.39918764	1.06887544	0.320121724	1.00540295			0.290764	1.20261	0.59482941
v-erb-b2 erythroblastic leukem	NM_001982	2065	12q13.2	56386943	pos	1	1	1	0.31968	1.13687561	0.29197	1.18488318	0.984269	0.68616296	0.29678303	1.17478865	0.96898772	0.39715755	0.97187091	0.3969633	0.4972	0.87251	0.499502588	1.01297051	0.756283815	0.47976248			0.812958	0.55653	0.63925991
5í-nucleotidase, cytosolic IA	NM_032526	84618	1p34.3	40154395	neg	1	1	2	0.03896	1.6215259	0.19542	1.30781225	0.865216	0.80066693	0.14641006	1.17970641	0.26261944	1.28455263	0.56988046	0.81127156	0.22186	1.35062	0.72805116	0.93057548	0.62903874	0.64300136			0.678823	0.72995	0.45124513
cell division cycle 2-like 2	NM_033621	985	1p36.33	1191735	neg	0	1	0	0.1283	1.33890336	0.38037	1.08885101	0.65222	0.93820144	0.68473851	0.89977313	0.99403744	0.60702021	0.99736191	0.45119509	0.82404	0.78227	0.397407817	1.04530166	0.160854334	1.28547765			0.635239	0.80584	0.34073533
glioma amplified on chromoso	NM_006338	10446	1q32.1	202312389	neg	1	1	2																							
hypothetical protein HT036	NM_031207	81888	#N/A	#N/A		1	1	0									0.96410469	0.45546146			0.96718	0.45546									
proline synthetase co-transcri	NM_007198	11212	8p12	37482703	pos	1	1	2	0.11393	1.61519781	0.10062	1.69123656	0.988781	0.54311299	0.59887554	0.83993116	0.50823595	0.99079029			0.50186	0.99079	0.476004652	1.05732803	0.63562618	0.97143141			0.418372	0.99844	0.93142761
angiomotin	NM_133265	154796	Xq23	107187354	pos	1	1	2									0.48387422	1.01117347			0.47674	1.01117									
mesoderm specific transcript l	NM_002402	4232	7q32.2	128608245	pos	1	1	0			0.37046	1.28272727	0.778838	0.55890318			0.66441848	0.75751837			0.66326	0.75752									
transcription factor ets	NM_016135	51513	6p21.31	36336081	neg	1	1	2	0.06715	1.56839761	0.01742	2.26406606	0.885647	0.71816617	0.23845906	1.27405304	0.00120358	2.19122863	0.00059642	2.26993051	0.60413	0.68083	0.537342956	0.99745876	0.92055302	0.31076195			0.935818	0.42353	0.09234395
collagen, type IV, alpha 4	NM_000092	1286	2q36.3	225892278	pos	1	1	2	0.09395	1.44344636	0.12151	1.4560358	0.987864	0.6875614	0.2826816	1.24496655	0.85750562	0.73339001	0.8869936	0.52760816	0.69623	0.84011	0.35843511	1.06858611	0.805147116	0.46522739			0.767466	0.63839	0.47314516
brain and acute leukemia, cyto	NM_024812	79870	8q22.3	103158324	neg	1	1	2																							
mutS homolog 4 (E. coli)	NM_002440	4438	1p31.1	76382713	pos	0	1	2	0.99504	0.43846522	0.97961	0.45314338	0.332616	1.0951927	0.20327586	1.18395343	0.58845814	0.95592366	0.13719589	1.44146385	0.8772	0.72998	0.819003267	0.79470786	0.66144582	0.63530742			0.748336	0.68663	0.85158658
phosducin-like	NM_005388	5082	9q33.2	116684417	neg	1	1	2	0.78397	0.81140955	0.83049	0.7199324	0.222479	1.12228262	0.98519452	0.67917877	0.27328286	1.08314418	0.29327879	1.08714618	0.36791	1.07533	0.740291654	0.91639494	0.819484574	0.4862078			0.84449	0.59784	0.95574523
CGI-32 protein	NM_015960	51076	10q24.2	100385253	pos	1	1	1	0.60791	0.89556468	0.17664	1.44797508	0.842933	0.77461725	0.43542979	1.01537232	0.71782208	0.78996209			0.71837	0.78996	0.54109603	0.98032997	0.594311504	0.46075046			0.618889	0.59294	0.54505055
hypothetical protein MGC1459	NM_032334	84294	8q24.11	116766422	neg	1	1	2	0.53746	0.95562616	0.21382	1.4673676	0.633072	0.88802356	0.86726783	0.47247055	0.0228805	2.11664264			0.01888	2.11664			0.519394289	0.64808562			0.445367	0.91503	0.59040409
uncharacterized hematopoietic	NM_018468	55851	19q13.12	36875721	pos	1	1	0	0.64297	0.83742252	0.07426	2.18006329	0.817382	0.62751338			0.76511905	0.77790144			0.76704	0.7779			0.604085093	0.41635787			0.520794	0.71611	
prostaglandin I2 (prostacyclin)	NM_000960	5739	19q13.32	47767724	pos	0	1	2									0.63930806	0.45084021			0.63731	0.45084									
collagen-like Alzheimer amyloi	NM_032518	84570	4q25	110172761	neg	1	1	2			0.2085	1.55090206	0.792749	0.74472694			0.44973311	1.04434157			0.44158	1.04434			0.014073905	3.82314345			0.00878	4.20284	0.20731602
POU domain, class 3, transcrip	NM_005604	5454	6q16.2	99150899	neg	1	1	2			0.54944	0.89549114	0.837948	0.43743165																	
M-phase phosphoprotein 1	NM_016195	9585	10q23.31	90342935	pos	0	1	2					0.634062	0.6537624																	
intestinal cell kinase	NM_016513	22858	6p12.2	52872014	neg	1	1	2	0.43451	1.06712197	0.0899	1.69627762	0.830541	0.76994999	0.29280828	1.38454454	0.64491886	0.96437976	0.4049989	0.97611054	0.76309	0.67762	0.452054516	1.09541604	0.636824742	0.47136493			0.564466	0.71658	0.5107326
hypothetical protein	NM_019067	54552	Xp11.22	51408556	pos	1	1	1	0.18443	1.28407635	0.29124	1.18920991	0.513782	0.98903321	0.02922881	1.68098752	0.88929943	0.61205054	0.9260153	0.41555148	0.65586	0.81211	0.24141662	1.20012235	0.651777889	0.59207673			0.676217	0.70588	0.6567186
presenilin 1 (Alzheimer diseas	NM_000021	5663	14q24.2	71108202	pos	1	1	1	0.40091	1.0764917	0.1151	1.52559102	0.559956	0.95188385	0.41958442	1.43650989	0.32205005	1.16084549			0.31092	1.16085	0.71268604	0.8803537	0.617673044	0.45650958			0.656062	0.56618	0.55501612
hypothetical protein FLJ10803	NM_018224	55744	7p13	43317152	neg	1	1	1	0.33319	1.30378213	0.24102	1.34875	0.666034	0.85017044	0.38673888	1.14944819	0.60280387	0.99658821	0.39783196	0.99649619	0.39858	1.14426	0.462338324	1.52471083	0.496169969	0.6291033			0.504969	0.81086	0.54533928
basic transcription element bi	NM_001206	687	9q21.12	64044150	neg	0	1	2	0.66925	0.81006695	0.50524	0.96894273	0.356999	1.18224634	0.57611423	0.7078028	0.24033897	1.37189894			0.22838	1.3719			0.597346035	0.85885764			0.365264	1.14951	0.57917606
histone deacetylase 6	NM_006044	10013	Xp11.23	47463258	neg	1	1	2	0.46415	1.02395276	0.52921	0.96312455	0.976287	0.69533694	0.33966809	1.05172369	0.83665289	0.77283001	0.61301895	0.79814532	0.82993	0.7698	0.467656746	1.02782861	0.83530647	0.43488728			0.867132	0.53457	0.2296917
RALBP1 associated Eps doma	NM_031922	85021	6q24.1	138849172	pos	1	1	2	0.22661	1.26704027	0.18006	1.42621294			0.00578478	2.01234237	0.0007338	2.2096404	0.00030957	2.3000922	0.70293	0.43922			0.924780517	0.32065318			0.962039	0.38793	
delta-like 1 (Drosophila)	NM_005618	28514	6q27	169786701	neg	0	1	0	0.84683	0.65799445	0.81533	0.67357478	0.647919	0.75377546	0.30169042	1.2255021	0.4918208	1.02059642	0.55713575	0.79630396	0.46326	1.05434	0.428592303	1.11777577	0.605748101	0.94113432			0.33127	1.1046	0.96069022
phosphoribosyl pyrophosphat	NM_002765	5634	Xp22.22	12002556	pos	1	1	2	0.36413	1.16619568	0.23745	1.43251852	0.954102	0.49004726			0.89618504	0.54570005			0.90032	0.5457									
Hermansky-Pudlak syndrome	NM_000195	3257	10q24.2	99069206	pos	1	1	2	0.4847	1.00992206	0.20506	1.3156114	0.944274	0.73470011	0.36924354	1.20829598	0.69987792	0.78917856	0.66247148	0.70586188	0.63787	0.82702	0.99931885	0.48340509	0.707570168	0.55396721			0.768893	0.62976	0.37420014
heterogeneous nuclear ribonu	NM_031243	3181	7p15.2	25873943	pos	1	1	2	0.22427	1.27749904	0.12686	1.56789724	0.970459	0.61319653	0.45470136	0.9877731	0.62361975	0.89191256	0.63466279	0.3331464	0.60649	0.90401			0.556034315	0.63688012			0.676181	0.65759	0.94481037
RTC domain containing 1	NM_003729	8634	1p21.2	101522555	neg	1	1	2	0.41338	1.08739262	0.32596	1.16951936	0.938727	0.68737287	0.60982955	0.86318871	0.80162512	0.70496767			0.80446	0.70497	0.64974068	0.83682265	0.597721769	0.52011147			0.514991	0.80097	0.81710431
U7 snRNP-specific Sm-like pro	NM_032881	84967	1p34.3	36417136	neg	1	1	1			0.25414	1.63376437																			
nm23-phosphorylated unknow	NM_032873	84959	11q24.1	124527411	pos	0	1	2	0.63748	0.88908573	0.38039	1.09995819	0.84385	0.81852599	0.19099655	1.55008035	0.5408313	0.99332967	0.38291566	1.02306976	0.9735	0.47833	0.692064139	0.91673287	0.661591439	0.60689919			0.634801	0.76673	0.28417036
N-acetyltransferase, homolog (	NM_003491	8260	Xq28	147332928	neg	1	1	2																							

solute carrier family 15 (oligop	NM_005073	6564	13q32.2	97696026	pos	1	1	2	0.0482	1.54454792	0.83147	0.72026345	0.911348	0.78855996	0.00047542	1.77629848	0.47087256	1.01427358	0.04378239	1.40615607	0.97316	0.62664	0.000332944	1.63910273	0.750950463	0.56784321			0.962545	0.41176	0.09218748
hypothetical protein MGC1304	NM_032930	85016	11q22.1	104111875	pos	1	1	2	0.27925	1.19869618	0.09537	1.56607481	0.903486	0.77606188	0.40023542	1.09356502	0.57961301	0.92793385	0.63958553	0.60286302	0.53799	0.96181	0.698934093	0.9133061	0.539688044	0.81443007			0.498783	0.88235	0.55770917
synaptogyrin 1	NM_004711	9145	22q13.1	36360518	neg	1	1	2									0.93923297	0.47716152			0.94304	0.47716									
nuclear receptor subfamily 4, g	NM_006186	4929	2q24.1	155112520	pos	1	1	2																							
sepiapterin reductase (7,8-dihy	NM_003124	6697	2p13.2	73124025	pos	1	1	2	0.27129	1.21893709	0.07952	1.71766837	0.937983	0.7115047	0.53239141	0.92482908	0.46091274	1.02989553			0.45308	1.0299	0.218361614	1.18091704	0.993079092	0.17257401	0.9959015	0.2476571	0.51934	0.78431	0.31752657
hypocretin (orexin) receptor 2	NM_001526	3062	6p12.1	55041137	pos	0	1	2	0.01073	2.14507136	0.07205	1.78769231	0.499548	0.99571435	0.49116783	0.92444967	0.15259546	1.62583039	0.46508107	0.92858963	0.09219	2.03542	0.305963816	1.15140335	0.939157283	0.39222268	0.92707105	0.50472255	0.306111	1.13389	0.89307965
importin 4	NM_024658	79711	14q11.2	22022045	neg	0	1	0	0.81098	0.75639935	0.37613	1.12776149	0.921426	0.63346822	0.49754601	0.898482	0.92360757	0.63736936	0.93918496	0.37371618	0.79055	0.75158	0.442767545	1.13475114	0.67383261	0.48307322			0.738773	0.55747	0.26965965
uncharacterized hematopoietic	NM_018467	55850	19p13.12	17820058	pos	1	1	2	0.77037	0.8121536	0.6308	0.87622399	0.851554	0.77035236	0.44394868	0.9994625	0.5003732	1.00300971	0.60801752	0.8031773	0.46657	1.01671	0.59123765	0.9705981	0.76948955	0.51915891			0.780222	0.6438	0.48197639
proteasome (prosome, macrop	NM_002818	5721	14q11.2	21985014	neg	0	1	2			0.40688	1.62047619	0.764129	0.49581986			0.68786626	0.76426306			0.68747	0.76426									
MLL septin-like fusion	NM_006640	10801	17q25.3	75194326	neg	1	1	0									0.90531456	0.51850253			0.90945	0.5185									
testes specific A2 homolog (m	NM_080860	89765	21q22.3	40440389	neg	1	1	2	0.10377	1.43171746	0.11624	1.47822117	0.985262	0.6948737	0.41877405	1.01293512	0.88579508	0.56449735	0.89714081	0.54695021	0.47741	1.13555	0.741404455	0.9196472	0.716969344	0.56957941			0.715829	0.70426	0.16457108
immature colon carcinoma tra	NM_001545	3396	17q25.1	72980112	neg	1	1	2	0.81988	0.76345537	0.37031	1.10414291	0.982104	0.64409623	0.449208	0.86289065	0.55512858	0.65552577	0.55022019	0.65505504	0.50284	0.73728	0.818973063	0.84740252	0.803607493	0.43401365			0.886998	0.47257	0.48628724
cyclin-dependent kinase inhibi	NM_005192	1033	14q22.2	52187789	pos	1	1	2	0.94057	0.57224916	0.69763	0.8102381	0.760314	0.81306957	0.55123608	0.9211166	0.80862215	0.59014125			0.81161	0.59014	0.632201886	0.35575003	0.665658063	0.54753857			0.705909	0.64706	0.84503341
STAT induced STAT inhibitor-4	NM_004232	9306	18q22.2	67778325	neg	0	1	0	0.81034	0.77811145	0.74924	0.7848416	0.149265	1.22843169	0.70285152	0.75241714	0.53972353	0.95906801			0.53437	0.95907	0.535087169	0.99769773	0.787015963	0.50061606			0.695042	0.72371	0.74476626
trichorhinophalangeal syndror	NM_014112	7227	8q23.3	115408430	pos	1	1	2																							
phosphatidic acid phosphatas	NM_003713	8613	1p32.2	56879039	pos	1	1	1	0.29558	1.2862371	0.22956	1.4431891	0.784939	0.74468232	0.46664855	0.95553651	0.53017839	0.93147107			0.52451	0.93147	0.241222658	1.60579432	0.537597562	0.63297727			0.627949	0.68627	0.46908897
ribosomal protein L37	NM_000997	6167	5p13.1	41139268	neg	1	1	2	0.85377	0.68622418	0.52692	0.96155872	0.237196	1.20643297	0.42961361	1.00988732	0.13011654	1.39173842	0.22531504	1.56870683	0.1754	1.34528	0.470862901	1.13184023	0.546394618	0.6548343			0.566732	0.7854	0.59009273
cell division cycle 25B	NM_004358	994	20p13	3765013	neg	1	1	2			0.1432	1.93127706	0.87117	0.57828854			0.94680888	0.53283469			0.95045	0.53283	0.380678147	1.33690722	0.760722915	0.92342574	0.98264196	0.38363378	0.356692	1.14457	
protocadherin gamma subfam	NM_018914	56105	5q31.3	140616975	neg	0	1	2					0.817014	0.45499142			0.37801581	1.17099397			0.36799	1.17099									
claudin 1	NM_021101	9076	3q28	187025615	pos	1	1	2	0.22527	1.23095217	0.28423	1.19480935	0.986117	0.61926816	8.7739E-05	1.95570496	0.03683958	1.43760608	0.00071248	2.13157666	0.90832	0.63448	0.077660464	1.31046151	0.811389432	0.50018541			0.967168	0.39428	0.49224801
hypothetical protein FLJ10813	NM_018229	55745	14q23.1	55059664	pos	1	1	2	0.30064	1.2003791	0.10881	1.62157407	0.815421	0.63786901	0.12584062	1.46179303	0.90611575	0.57566205			0.91025	0.57566	0.267086588	1.19264957	0.553050694	0.46572724			0.603088	0.57516	0.3384925
Down syndrome critical region	NM_003720	8624	21q22.2	37124791	pos	1	1	2	0.43263	1.0554169	0.04152	1.83765472	0.933937	0.71570124	0.23034691	1.13638769	0.89065225	0.6624205	0.9058369	0.27946659	0.80421	0.74117	0.732919538	0.91511716	0.51631542	0.76554915			0.473849	0.90756	0.60994882
HHGP protein	NM_020200	56952	10p12.1	24873415	pos	0	1	0	0.93093	0.47224931			0.200139	1.43667405			0.7622138	0.63323413			0.76406	0.63323			0.161946931	1.7907034			0.158879	2.19608	0.14249004
hypothetical protein FLJ14007	NM_024699	79752	8q21.13	81491365	pos	1	1	2	0.64529	0.90397735	0.60556	0.90464757	0.502926	0.98954493	0.72514389	0.85327069	0.29053763	1.07135812	0.343327	1.05804704	0.32422	1.10422	0.741749028	0.92076967	0.693902204	0.60813487			0.749115	0.68903	0.57139578
myeloid/lymphoid or mixed-lin	NM_005935	4299	4q21.3	88085782	neg	0	1	0																							
HBS1-like (S. cerevisiae)	NM_006620	10767	6q23.3	134909309	neg	1	1	2	0.87081	0.73112325	0.84078	0.69946323	0.487329	1.00147718	0.47900938	0.93208886	0.3361516	1.10147574	0.28865558	1.23614709	0.43264	1.04469	0.568138101	0.95107103	0.803282582	0.43861619	0.53010954	0.33928571	0.751851	0.62309	0.80523577
lysophospholipase 3	NM_012320	23659	16q22.1	58974218	neg	1	1	2			0.17668	1.77337093	0.773112	0.58129707			0.79354561	0.5242348			0.79619	0.52423			0.317458617	2.75843495	0.39839441	2.37406533			
ADP-ribosylation factor domai	NM_001656	373	5q12.3	65037679	pos	0	1	2			0.10419	2.01631313	0.914776	0.53786047	0.33659623	1.28017577	0.14148672	1.46530078	0.33836416	1.27015012	0.13808	1.58307			0.545090007	0.72270148			0.47328	0.85986	
hypothetical protein FLJ13150	NM_024813	79871	1p22.1	93220300	neg	1	1	2	0.23215	1.25284998	0.07182	1.68696114	0.936737	0.68302527	0.38453114	1.05541065	0.60177526	0.79648391	0.59861163	0.54879306	0.56639	0.84804	0.57899358	0.96679074	0.589717368	0.67150755			0.454125	0.80799	0.3198577
SH3 domain binding glutamic a	NM_031469	83699	6q14.1	80283737	pos	1	1	2	0.39873	1.07804488	0.20242	1.30131546	0.943509	0.67712624	0.24175716	1.23379507	0.57291468	0.88743484	0.54672924	0.69190346	0.55995	0.89875	0.611624191	0.96948348	0.579141982	0.60901375			0.710599	0.61911	0.55071055
v-myb myeloblastosis viral onc	NM_005375	4602	6q23.3	135125710	neg	1	1	2					0.729399	0.60626403			0.82549073	0.60105216			0.82883	0.60105									
nucleolar protein 5A (56kD wit	NM_006392	10528	20p13	2621543	neg	1	1	1	0.31369	1.2040986	0.08351	1.76808682	0.813339	0.77330598	0.34499034	1.19145823	0.75657517	0.69876621			0.75826	0.69877	0.475106518	1.05206184	0.200458029	1.31985482			0.222416	1.40915	0.50801754
laminin, gamma 1 (formerly LA	NM_002293	3915	1q25.3	180518588	neg	1	1	2																							
transformation/transcription d	NM_003496	8295	7q22.1	97010889	neg	1	1	2									0.51061107	0.48857428			0.50431	0.48857									
acyl-Coenzyme A dehydrogena	NM_000016	34	1p31.1	76310365	pos	0	1	0	0.98786	0.44899438	0.99194	0.34169387	0.539735	0.95776725	0.5103508	0.88173211	0.43541779	1.04882621			0.42686	1.04883	0.565517132	0.79816329	0.987586689	0.2278623	0.99422258	0.27555497	0.4847	0.87994	0.69243447
glutamate decarboxylase 2 (pa	NM_000818	2572	10p12.1	26240957	pos	1	1	2	0.01405	1.99221973	0.07953	1.60690236	0.245071	1.17055689	0.17156755	1.99318526	0.63386623	0.90763998			0.63168	0.90764	0.006706607	1.76601249	0.004336823	2.52226418	0.04511703	2.22659495	0.000201	11.9451	0.07046345
ribosomal protein S6 kinase, 9	NM_021135	6196	6q27	166179500	neg	1	1	2					0.772072	0.26653614			0.64111397	0.79116674			0.63918	0.79117									
EBP50-PDZ interactor of 64 kD	NM_031937	83874	22q12.2	27384026	neg	1	1	2									0.32600212	1.30309631			0.31494	1.3031									
growth differentiation factor 1	NM_001492	2657	19p13.11	19473666	neg	1	1	0					0.927968	0.37932265			0.52849444	0.9405745			0.52277	0.94057									
NADH dehydrogenase (ubiquin	NM_004146	4713	19p13.12	15031844	pos	0	1	2	0.59569	0.93866547	0.80707	0.74249737	0.917146	0.80797079	0.93001555	0.76749296	0.40442635	1.01597853	0.36764514	1.02082801	0.61718	0.92065	0.693056754	0.94433242	0.850616407	0.45178214			0.927532	0.48577	0.79486887
proline rich 2	NM_006813	10957	6q15	89736821	neg	1	1	2																							
v-jun sarcoma virus 17 oncoge	NM_002228	3725	1p32.1	59163117	neg	1	1	2	0.16379	1.31280463	0.12664	1.4675	0.995811	0.59055283	0.37342962	1.05290362	0.83952107	0.51355046	0.84661583	0.49845175	0.52471	0.8421	0.378713857	1.08159044	0.726243811	0.49816345			0.774184	0.58607	0.38085356
cytochrome P450, subfamily X	NM_000784	1593	2q35	217662507	neg	1	1	2	0.27864	1.17633596	0.43384	1.042138	0.998397	0.601795	0.99989498	0.47155754	0.75118713	0.81170846	0.85190162	0.52166918	0.57774	0.93358	0.482828679	1.02557109	0.854413051	0.41395835			0.775567	0.63467	0.72514327
GRO2 oncogene	NM_002089	2920	4q13.3	74951978	pos	1	1	0					0.725726	0.53563059			0.89177796	0.4222438			0.89591	0.42224			0.559638969	0.44488227			0.434038	0.84362	
hypothetical protein PP5395	NM_021732	60370	10q24.2	98330431	pos	1	1	1	0.10184	1.40946289	0.12508	1.45000546	0.882086	0.81043668	0.24715398	1.11996523	0.75278895	0.87582904	0.96810357	0.45320791	0.43415	1.03644	0.589984834	0.97781942	0.907146327	0.34321533			0.88676	0.51271	0.30528838
protein kinase C, zeta	NM_002744	5590	1p36.33	1538561	neg	0	1	0	0.7447	0.83805794	0.81879	0.71588568	0.534696	0.97945786	0.22501044	1.15094019	0.59470979	0.96255424	0.2686342	1.14230245	0.86388	0.75328	0.116420492	1.24642748	0.673795489	0.63544763			0.644512	0.79031	0.46608941
metal-regulatory transcription	NM_005955	4520	1p34.3	38114651	neg	1	1	2	0.21566	1.23856932	0.11799	1.50210438	0.964087	0.72718043	0.20460992	1.20236753	0.44485025	1.03662702	0.49388046	0.86502109	0.43639	1.03673	0.463204247	1.02782718	0.611963267	0.49230312			0.635725	0.62019	0.57365806
CGI-115 protein	NM_016052	51018	1q41	217133591	pos	1	1	1	0.31329	1.17316249	0.25929	1.23247236	0.953074	0.70366777	0.32626653	1.09251829	0.33078865	1.14721377	0.4817012	0.83400386	0.31813	1.14924	0.521243325	1.00547222	0.49264706	0.70887852			0.575676	0.76701	0.4051746
UL16 binding protein 3	NM_024518	79465	6q25.1	149946842	neg	1	1	2																							
hypothetical protein FLJ12389	NM_023928	65985	12q24.31	124235584	neg	1	1	0	0.83613	0.75943016	0.92679	0.56835891	0.314203	1.09862476	0.5973744	0.92417496	0.789538	0.81212917			0.79209	0.81213	0.695366356	0.92329214	0.957701111	0.38285239	0.94683852	0.43612202	0.735362	0.67212	0.68719245
hypothetical protein DKFZp564	NM_030954	81790	8p11.21	42464778	neg	1	1	2																							
smooth muscle cell-expressed	NM_020351	57086	3q12.1	95979818	neg	0	1	2																							
protein kinase, lysine deficient	NM_032387	65266	17q21.31	40503037	neg	1	1	0																							
hypothetical protein	NM_016396	51496	15q15.3	40087031	neg	1	1	2	0.21984	1.26991424	0.20285	1.37043785	0.962928	0.66268681	0.39712413	1.03724128	0.20282389	1.23084818	0.17618093	1.26212034	0.50991	0.9815	0.417160215	1.0820682	0.693433527	0.45823615			0.806587	0.48185	0.53739654
hypothetical protein MGC2721	NM_032737	84823	19p13.3	2490796	neg	0	1	0					0.808893	0.36258779			0.55726931	0.52565371	0.55249973	0.52565371					0.621087891	0.42557204			0.65554	0.53846	
pellino homolog 2 (Drosophila	NM_021255	57161	14q22.3	53909236	neg	1	1	2																							
variable charge, Y chromosom	NM_004679	9084	Yq11.221	15415825	pos	0	1	0	0.26204	1.18264605	0.55215	0.94588657	0.178255	1.14837858	0.72095983	0.88396264	0.61993468	0.86695189	0.61732438	0.86684033	0.49946	0.98025	0.708230836	0.92571114	0.719526285	0.59869177			0.947215	0.45141	0.76914807
PAGE-5 protein	NM_130467	90737	Xp11.22	52222196	pos	0	1	2	0.93456	0.63075178	0.88117	0.65665164	0.822285	0.79672171	0.9866599	0.64985255	0.65370687	0.87683653	0.4607231	0.84946638	0.6477	0.87803	0.723761382	0.90485568	0.82256393	0.45651788			0.847562	0.56571	0.70871129
spondin 2, extracellular matrix	NM_012445	10417	4p16.3	1166618	neg	1	1	0	0.61367	0.92266461	0.64622	0.86944215	0.91037	0.77559821	0.24293737	1.19317243	0.80155149	0.79963362	0.76098018	0.68628511	0.72043	0.83953	0.573392384	0.92093751	0.715719647	0.54395787			0.712166	0.68246	0.37138217
hypothetical protein FLJ20421	NM_017813	54928	8q12.1	57048311	pos	1	1	2																							
integrin, alpha 5 (fibronectin re	NM_002205	3678	12q13.13	54915792	neg	0	1	2																							
similar to RIKEN cDNA 573052	NM_080655	91283	9q31.1	93989909	pos	1	1	2	0.80573	0.71080876	0.72373	0.71412338	0.548273	0.94286667	0.35196969	1.16802915	0.76462367	0.84920241	0.30974224	1.188264	0.91545	0.66687	0.51192903	1.12953044	0.573580109	0.84841439			0.455219	0.93457	0.23265928
hypothetical protein FLJ12610	NM_024782	79840	2q35	217955855	neg	1	1	2									0.83314644	0.57602329			0.83662	0.57602									
zinc transporter like 2	NM_133496	148867	1p21.2	102152587	neg	1	1	2	0.10113	1.44991413	0.05262	1.75810471	0.968833	0.72232036	0.23093765	1.30041049	0.45137191	1.0381551	0.5205189	0.73565828	0.44231	1.03885	0.243651245	1.16979774	0.753308753	0.45890809			0.816305	0.52839	0.34016728
karyopherin (importin) beta 2	NM_002270	3842	5q13.2	70917695	pos	1	1	1	0.21621	1.29023301	0.03955	1.85616761	0.831295	0.84084933	0.2134782	1.18401434	0.71973652	0.82252219	0.44466142	0.79268861	0.71481	0.8238	0.325226316	1.14551218	0.611169809	0.52661028			0.557987	0.75056	0.59055947
hypothetical protein	NM_016475	51528	14q23.1	57275263	pos	1	1	2	0.25815	1.21069812	0.05245	1.74066888	0.889705	0.80101968	0.64825043	0.86491823	0.70880417	0.83479373	0.4985572	0.73840786	0.70907	0.8348	0.2823114	1.12426272	0.598596016	0.74949094	0.59790159	0.86906804	0.60719	0.70588	0.68899608
Ran binding protein 11	NM_016338	51194	5q12.1	61861455	pos	1	1	2					0.732531	0.6224432			0.37804367	1.8210471			0.36802	1.82105									
RAB-8b protein	NM_016530	51762	15q22.2	59268038	pos	1	1	2									0.67613913	0.77083058			0.67536	0.77083									
phosphofructokinase, platelet	NM_002627	5214	10p15.2	3157860	pos	1	1	2			0.36202	1.35101246					0.52130028	0.84751877			0.51535	0.84752									
cyclin B1	NM_031966	891	5q13.2	68614792	pos	1	1	2	0.69669	0.82447944	0.26641	1.24912935	0.993701	0.53126686	0.27648819	1.19219453	0.62286406	0.89431453	0.6534656	0.55670843	0.58548	0.92198	0.636671093	0.93574922	0.610306408	0.58205774			0.657458	0.67886	0.53988835
phosphatidylinositol glycan, c	NM_004855	9488	15q21.3	51169621	pos	0	1	2									0.58736663	0.48066794			0.58361	0.48067									
mesoderm development candi	NM_022566	59274	15q25.1	77250994	pos	1	1	2			0.76932	0.60058299	0.757147	0.59358491			0.88947566	0.58940746			0.8936	0.58941			0.49979407	0.62412467			0.469304	0.85784	0.35292212
novel putative protein similar t	NM_014388	27042	1q32.2	208640927	pos	0	1	2									0.77740452	0.69319119			0.77965	0.69319									
CASP2 and RIPK1 domain con	NM_003805	8738	12q22	93603707	neg	0	1	2																							
3-oxoacid CoA transferase 2	NM_022120	64064	1p34.2	40264799	pos	0	1	0	0.91739	0.67945435	0.69074	0.83197796	0.26005	1.1495598	0.14362537	1.22677528	0.00125057	2.40356778	0.00085754	2.40621883	0.46836	1.55548	0.041221918	1.39364048	0.193548198	1.21656822			0.112999	1.51384	0.60279268
unc-13-like (C. elegans)	NM_006377	10497	9p13.3	35474270	neg	1	1	2	0.29905	1.18106616	0.27372	1.21889549	0.925655	0.7412688	0.42526605	1.03793633	0.39524324	1.02392882	0.38536431	1.02401248	0.50325	0.98578	0.26092962	1.15962274	0.748930206	0.46590694			0.797738	0.55067	0.57412439
zinc finger protein 287	NM_020653	57336	17p11.2	16816463	neg	1	1	2	0.7753	0.77383471	0.53203	0.9583878	0.85271	0.74112344	0.70682706	0.82907553	0.61553435	0.89985247			0.61273	0.89985	0.726211798	0.86199016	0.64623448	0.99209601			0.360436	1.10123	0.18921053
BET1 homolog (S. cerevisiae)	NM_005868	10282	7q21.3	92158839	pos	0	1	1									0.97799256	0.31221911			0.98035	0.31222									
runt-related transcription facto	NM_004350	864	1p35.3	24749225	pos	1	1	2																	0.499818902	0.47500565	0.56427352	0.501443			
nasopharyngeal epithelium sp	NM_012337	25790	1q23.2	157634363	pos	1	1	2			0.31354	1.66310861	0.840714	0.62045692			0.69808679	0.72328961			0.69802	0.72329									
hypothetical protein FLJ10335	NM_018062	55120	2p16.1	58514744	pos	1	1	1					0.692866	0.55351455																	
solute carrier family 4, anion e	NM_005070	6508	2q35	218515358	neg	1	1	2																							
hypothetical protein PRO1855	NM_018509	55379	17q21.33	48171730	neg	1	1	0																							
bruno-like 4, RNA binding prot	NM_020180	56853	18q12.2	34907897	neg	1	1	0			0.41222	1.1120915	0.878435	0.53834796			0.96335999	0.47740076			0.96646	0.4774									
talin 1	NM_006289	7094	9p13.3	36009545	neg	1	1	1			0.26576	1.86567982					0.95419903	0.47467248			0.95763	0.47467									
solute carrier family 11 (proton	NM_014585	30061	2q32.2	188599556	neg	1	1	2																							
hypothetical protein FLJ20512	NM_017854	54958	19q13.32	48192988	pos	1	1	2	0.85671	0.74623919	0.8556	0.66897624	0.397142	1.04224318	0.71996843	0.88074416	0.36613799	1.08175916	0.10445666	1.62291694	0.6511	0.90574			0.879785496	0.39348367			0.861512	0.55747	0.59872413
damage-specific DNA binding	NM_000107	1643	11p11.2	49176332	neg	0	1	2	0.79927	0.62155213	0.58229	0.84013962																			0.25330249
folate hydrolase (prostate-spe	NM_004476	2346	11p11.12	51274929	pos	0	1	2																							
STAT induced STAT inhibitor 3	NM_003955	9021	17q25.3	76194428	neg	1	1	2																							
cathepsin H	NM_004390	1512	15q24.3	75196461	neg	1	1	2																							
proteasome (prosome, macrop	NM_002786	5682	11p15.2	15706615	pos	1	1	2	0.3685	1.18036063	0.18798	1.58520734	0.992445	0.43511943	0.34007101	1.28668715	0.40264113	1.09664346	0.53136104	0.73065215	0.39024	1.09992	0.528735346	1.00947788	0.541645242	0.80749716			0.533431	0.83012	0.54090941
cleavage and polyadenylation	NM_006693	10898	7q22.1	97571472	neg	1	1	2	0.91735	0.59374988	0.45096	1.0375	0.902814	0.68403167	0.19868386	1.48679802	0.39682229	1.13791257	0.21618536	2.03437786	0.54816	0.93898			0.532123829	0.60581084			0.563979	0.73633	0.52480516
kinesin-like 7	NM_020242	56992	3p21.33	43759679	neg	1	1	1	0.51372	0.98796712	0.45775	1.02382298	0.997386	0.5848109	0.36106818	1.06075737	0.6978638	0.8449155	0.7774333	0.66391713	0.52759	0.97208	0.502008907	1.0170989	0.727049453	0.54987875			0.63799	0.7677	0.69523232
protein kinase C, alpha	NM_002737	5578	17q24.1	63614750	pos	1	1	2																							
RPB5-mediating protein	NM_134447	8725	19q12	31051012	var	1	1	2																							
Rec8p, a meiotic recombinatio	NM_005132	9985	14q11.2	22013673	neg	1	1	2	0.14791	1.30876134	0.6321	0.88523979	0.655296	0.9395439	0.89696351	0.76919109	0.032018	1.31498168	0.11245635	1.25738287	0.06178	1.39434	0.049837809	1.26053202	0.022262104	2.26243899			0.130158	1.43857	0.65765975
hypothetical protein MGC1127	NM_032349	84309	16p13.3	4766750	neg	0	1	0	0.70939	0.82902236	0.46129	1.0375	0.651093	0.8918202	0.32180661	1.14772939	0.56190062	0.94266115	0.54699101	0.82553777	0.54701	0.95121	0.446015495	1.10109261	0.496603952	0.79376225			0.485704	0.91765	0.35843772
dual specificity phosphatase 5	NM_004419	1847	10q25.2	111150862	neg	1	1	2					0.772781	0.4629356																	
cholinergic receptor, nicotinic,	NM_000746	1139	15q13.2	26502974	pos	1	1	2																							
polymerase (DNA directed), et	NM_006502	5429	6p21.1	43546023	neg	1	1	2	0.0324	1.65379751	0.10273	1.50614956	0.983515	0.29003096	0.42934931	1.00640157	0.38453299	1.07024158	0.65272931	0.79479048	0.30993	1.11976	0.309908126	1.08165859	0.766601257	0.63214042	0.64805031	0.83012666	0.667841	0.72278	0.30237635
general transcription factor III	NM_002097	2971	13q12.2	25978665	pos	1	1	2	0.72463	0.77718556	0.56907	0.90356455	0.43067	1.06429841			0.81624499	0.81354598	0.29800778	1.24010034	0.9271	0.67319	0.417720866	1.22410696	0.832351908	0.53583621	0.28795046	1.20473644	0.958959	0.35165	0.22091673
platelet-derived growth factor	NM_006207	5157	8p22	17327816	pos	1	1	2	0.2861	1.19693443	0.37413	1.58601621	0.751948	0.82919599	0.62953843	0.87084317	0.36494625	1.11015685	0.35321937	1.1210134	0.47415	1.04872	0.318742633	1.10254367	0.268832254	1.03673856	0.16035104	1.45437344	0.367688	1.07388	0.23577315
FGFR1 oncogene partner	NM_007045	11116	6q27	166766213	neg	1	1	2					0.724618	0.47619099			0.87904651	0.56660875			0.88311	0.56661									
eukaryotic translation elongati	NM_021121	1933	2q33.3	205241237	neg	1	1	2																							
potassium inwardly-rectifying	NM_002239	3760	2q24.1	153486666	pos	1	1	2																							
retinitis pigmentosa GTPase re	NM_000328	6103	Xp11.4	36233803	neg	1	1	2	0.11308	1.49166347	0.17819	1.49587571	0.860289	0.79195863	0.12167736	1.48674081	0.91034489	0.59822706			0.91447	0.59823	0.49984336	1.01679968	0.501691183	0.65555674			0.500298	0.81046	0.3286405
potassium voltage-gated chan	NM_002236	3754	2p25.1	10837107	neg	1	1	1																							
cell division cycle associated 1	NM_031423	83540	1q23.3	160926608	neg	1	1	1	0.13409	1.46480218	0.08243	1.74767606	0.799225	0.75691202	0.66117763	0.23293571	0.2584643	1.28238042	0.51474484	0.75113242	0.24581	1.28389	0.393811383	1.11158103	0.510624224	0.63706122			0.468528	0.85714	0.50585815
hypothetical protein FLJ13224	NM_024799	79857	12p11.21	31859649	neg	1	1	0	0.98325	0.46275902	0.09117	6.62847222					0.99950339	0.31943367			0.99964	0.31943									
centaurin, beta 2	NM_012287	23527	3q29	194245946	neg	1	1	2	0.53521	0.9560815	0.15161	2.00219298	0.460765	1.08974915	0.18583985	2.10614238	0.99029732	0.47781678			0.99169	0.47782	0.579705666	0.89342005							
cytochrome b-245, alpha polyp	NM_000101	1535	16q24.3	80145885	neg	1	1	2	0.30446	1.23142823	0.05415	2.35166667	0.494996	0.99046453	0.38903135	1.16527757	0.98283724	0.45934033	0.38945184	1.48134354	0.98973	0.42297	0.344049724	1.18152264							0.37321777
hypothetical protein MGC4368	NM_024510	79415	17q25.3	79605761	neg	1	1	0			0.13622	2.82860697					0.53000306	0.73733665			0.52433	0.73734			0.955013962	0.32711298	0.96400347	0.40724316			
low density lipoprotein-related	NM_018557	53353	2q22.1	138677870	pos	0	1	2			0.19816	3.16710526	0.385419	1.49469527			0.19375139	1.96074536			0.18189	1.96075			0.597472521	0.33932495	0.82534523	0.23385112			
BCL2-associated athanogene	NM_004323	573	9p13.3	33567241	neg	1	1	2	0.67424	0.78498981	0.32839	1.3563151	0.566268	0.78484097									0.399191995	1.55570436	0.572658933	0.98157862	0.43291856	1.13216196			
hypothetical protein MGC1582	NM_032882	84968	Xq28	146497674	neg	1	1	0									0.89071443	0.53270401			0.89484	0.5327									
MSTP028 protein	NM_031954	83892	12q24.11	108946097	neg	1	1	1	0.41764	1.05991353	0.28518	1.20342004	0.465517	1.01548898	0.46706549	0.83309322	0.4802726	1.03113614	0.56365103	0.66968929	0.46084	1.04633	0.274317226	1.13690402	0.979908349	0.19441475	0.99131201	0.21611236	0.567077	0.7704	0.60649881
chromosome 20 open reading	NM_015638	26133	20q11.22	33348942	pos	1	1	2	0.49962	0.99883996	0.05783	1.90566092	0.255245	1.24063915	0.44016437	1.06085088	0.98395712	0.45849217			0.9859	0.45849	0.159205966	1.26249883	0.530566242	0.59025556	0.67833417	0.58946609	0.372818	1.18382	0.49815834
adipose differentiation-related	NM_001122	123	9p22.1	19446422	neg	1	1	0	0.37137	1.09315487	0.26244	1.21857311	0.476016	1.00768082	0.41272236	1.01765907	0.62146235	0.92009913	0.56788804	0.7264825	0.6104	0.92493	0.322724019	1.09441684	0.34979045	1.09627869	0.66697541	0.81699062	0.238885	1.4	0.51330567
KIAA0193 gene product	NM_014766	9805	7p15.1	29602368	neg	1	1	2			0.3623	1.44965753					0.94082557	0.48039562			0.9446	0.4804			0.562375606	0.55964744	0.74659137	0.46608947			
hypoxia-inducible factor 1, alp	NM_017902	55662	10q24.31	101188898	neg	1	1	2	0.44196	1.05988735	0.12158	2.26866667					0.53244073	0.95691789			0.52685	0.95692	0.494091115	1.14888929							
RAB34, member RAS oncogen	NM_031934	83871	17q11.2	26886999	neg	0	1	2	0.02656	1.7425443	0.04238	1.84632193	0.411109	1.06029886	0.21065117	1.23997546	0.14080679	1.2708877	0.31069249	1.15737987	0.13334	1.40429	0.22347418	1.30911964	0.000187775	4.42845602	0.00300072	5.28506954	0.001795	5.5346	0.08945528
angiogenin, ribonuclease, RNa	NM_001145	283	14q11.2	18532681	neg	0	1	0	0.40565	1.08778042	0.05838	1.98575269	0.494299	0.99534744	0.43466259	1.1899286	0.87882445	0.66235476			0.88289	0.66235	0.304489269	1.14111162	0.25449245	1.26530002	0.12408746	1.91157608	0.364101	1.14951	0.35832659
cystatin C (amyloid angiopathy	NM_000099	1471	20p11.21	23602350	neg	1	1	1	0.81471	0.67761045	0.52364	0.9513834	0.479385	1.0426312	0.3544505	1.26906087	0.92209942	0.56275422			0.92615	0.56275	0.302410485	1.20000929	0.430744907	1.01256374	0.35321667	1.17921194	0.334325	1.77376	0.46957517
mitochondrial ribosomal prote	NM_024026	78988	13q12.11	19730846	neg	1	1	2	0.12547	1.37224921	0.04451	1.7912969	0.912551	0.76638455	0.44217742	1.00086683	0.38767285	1.07434782	0.47736831	0.74565964	0.3768	1.07513	0.603533462	0.97267687	0.21805003	1.30368205			0.205869	1.56985	0.51362989
leucine rich repeat (in FLII) inte	NM_004735	9208	2q37.3	236649968	neg	1	1	2	0.66018	0.87648815	0.45679	1.02608414	0.25174	1.71051003	0.320876	1.16401191	0.12518999	1.53140302			0.11459	1.5314	0.511389735	1.01404815	0.653381676	0.99269222	0.59091974	0.88976014	0.337098	1.2549	0.40993719
HSPC019 protein	NM_014028	28962	6q21	108199418	neg	1	1	0																							
KIAA0155 gene product	NM_014633	9646	11p15.3	11784383	neg	1	1	1	0.88819	0.62479384	0.50419	0.97780258	0.368095	1.15477964	0.320777	1.21283407	0.83308512	0.68923154			0.83656	0.68923	0.184126208	1.62272698	0.669073078	0.47497762	0.77918254	0.47485161	0.466974	0.86096	0.53375879
KIAA1696 protein	NM_016621	51317	11p11.2	47738530	neg	1	1	2									0.62104666	0.85405331			0.61843	0.85405									

hypothetical protein FLJ14775	NM_032837	84923	17q25.1	71088678	neg	1	1	2	0.39488	1.07937572	0.19124	1.34317204	0.595128	0.9475053	0.25579595	1.19426233	0.55109744	0.95480249	0.52896862	0.59374575	0.54459	0.95621	0.253062909	1.15661298	0.311497039	1.10499993	0.48584975	0.95651539	0.305662	1.38594	0.78449959
DNA (cytosine-5-)-methyltrans	NM_013369	29947	21q22.3	42176079	neg	0	1	0	0.13311	1.33928518	0.23622	1.25496638	0.302966	1.09033234	0.58882947	0.92203406	0.24937381	1.15151378	0.74550176	0.76666295	0.11663	1.31011	0.689092678	0.94354227	0.556282281	0.88133521	0.44969759	1.08129034	0.395298	1.02289	0.66942915
JM1 protein	NM_014008	28952	Xp11.23	47875038	neg	1	1	2									0.85101173	0.60565806			0.85477	0.60566			0.623654139	0.4319828	0.80250734	0.36089761			
flotillin 1	NM_005803	10211	6p21.33	30751261	neg	1	1	2	0.09403	1.43964196	0.03325	1.88146024	0.745599	0.87462362	0.31139708	1.17718169	0.58440784	0.98986743	0.40165426	0.98725877	0.43285	1.03738	0.180887522	1.15595656	0.541054458	0.94958923	0.36808102	1.1419325	0.520895	0.84729	0.43712752
hypothetical protein LOC55565	NM_017530	55565	16q22.2	62787068	pos	1	1	2	0.12476	1.351978	0.43736	1.04030027	0.266671	1.17518996	0.20725603	1.17974996	0.94767826	0.70369769	0.98742877	0.42583256	0.6901	0.88112	0.47337539	1.02290268	0.036157239	1.54757711	0.0284043	2.25488859	0.134374	1.51032	0.05332091
DnaJ (Hsp40) homolog, subfm	NM_006145	3337	19p13.12	14980536	pos	1	1	2									0.77468795	0.36121129			0.77686	0.36121									
stomatin (EPB72)-like 2	NM_013442	30968	9p13.3	35412099	neg	1	1	2	0.55441	0.9511563	0.18015	1.55298742	0.660487	0.72100653			0.88508744	0.66230013			0.88919	0.6623			0.920518476	0.25209339	0.93285758	0.31385281			
amiloride-sensitive cation chai	NM_001095	41	12q13.12	50746307	pos	1	1	2	0.61455	0.87816016	0.71396	0.64030528					0.89062823	0.62418076			0.89475	0.62418			0.252577535	1.22363078	0.07814673	1.76986704	0.876181	0.36155	0.46718552
pituitary tumor-transforming 1	NM_004219	9232	5q33.3	159967530	neg	1	1	2	0.49208	1.00430301	0.02884	2.15326198	0.019966	1.86211123	0.39030876	1.52880913	0.66673128	0.87272904			0.66565	0.87273	0.268961215	1.13190412	0.520944719	0.9239974	0.4373472	1.05474917			0.36223303
protein phosphatase 2 (former	NM_002717	5520	8p21.2	25922239	pos	1	1	1	0.59474	0.93850651	0.60178	0.90684301	0.139814	1.22711755	0.49456587	0.88393973	0.40358154	1.02306784	0.3616103	1.03202643	0.5921	0.93587	0.453512653	1.02949029	0.898411603	0.52406033	0.82953769	0.68542569	0.608408	0.80447	0.7798647
galactosamine (N-acetyl)-6-sul	NM_000512	2588	16q24.3	80398588	neg	1	1	2	0.03926	1.62552902	0.04422	1.84534505	0.535093	0.97937066	0.16222869	1.24964625	0.63675459	0.90241135	0.69343118	0.61917753	0.57734	0.94054	0.391548529	1.05165195	0.560589041	0.95987219	0.43200444	1.06926407	0.421588	0.98824	0.32517709
KIAA0844 protein	NM_014951	22891	10q21.2	62945206	neg	1	1	2									0.82278811	0.61787863			0.82607	0.61788									
hypothetical protein DKFZp761	NM_032298	84258	19q13.33	51754072	neg	0	1	2	0.51146	0.99126133	0.26986	1.21123018	0.408775	1.03723023	0.11788504	1.29823541	0.66872257	0.89355546	0.53839862	0.82668983	0.66443	0.89478	0.556491249	0.99024147	0.319853723	1.13725964	0.25000748	1.4304536	0.503691	0.91073	0.3128767
Ras association (RalGDS/AF-6	NM_014737	9770	20p13	4748726	neg	1	1	2									0.55514748	0.90069725			0.55031	0.9007									
KIAA0808 gene product	NM_014729	9760	8q12.1	58791532	pos	1	1	0									0.49256088	1.00254774			0.48569	1.00255									
hypothetical protein MGC9084	NM_033418	92342	1q24.2	167390518	neg	0	1	1	0.29999	1.18971118	0.18048	1.48001792	0.788331	0.78740981	0.70371694	0.81887501	0.09976472	1.6349571			0.09009	1.63496	0.48133794	1.04419414	0.550320096	0.3717355	0.5030244	0.48233659			0.70817115
hypothetical protein DKFZp564	NM_032125	84065	1p35.2	27929217	neg	1	1	2	0.73782	0.84143391	0.26092	1.23004005	0.043344	1.33382267	0.46432075	0.98656263	0.43092616	1.01156207	0.15752234	1.46165842	0.48372	1.00242	0.735354929	0.92166694	0.867791358	0.54169052	0.78546021	0.69310718	0.651349	0.76018	0.53413307
RAB, member of RAS oncoger	NM_013412	11159	2q13	111590315	neg	1	1	2	0.2561	1.19772949	0.07634	1.64448394	0.629206	0.94139875	0.35552063	1.05430409	0.332894	1.11797651	0.69436879	0.53610474	0.28318	1.15154	0.982420235	0.71667077	0.561415639	0.80357956	0.43798937	1.05253504	0.518701	0.87382	0.63653855
transient receptor potential cat	NM_017662	140803	9q21.13	68381735	pos	0	1	2	0.95663	0.49415465	0.80428	0.66407358	0.304989	1.42014757	0.37053029	1.14238657	0.99998905	0.27289895			0.99999	0.2729			0.265420068	1.27611018	0.71707735	0.49965611	0.218991	1.85294	0.70770848
CGI-09 protein	NM_015939	51605	20p12.3	5906550	pos	1	1	2	0.42326	1.06570066	0.03773	2.10297181	0.710731	0.85303967	0.5174033	0.76549548	0.12336818	1.45958381			0.11282	1.45958	0.353057201	1.16473001	0.541864098	0.61663818	0.63842414	0.51406926	0.581772	0.73735	0.61011486
nuclear receptor subfamily 4, g	NM_006981	8013	9q22.33	93384405	neg	1	1	2	0.19222	1.25685491	0.34197	1.12740776	0.354138	1.09081207	0.04417029	1.40639305	0.50508326	1.000718	0.30344368	1.15593242	0.70726	0.84845	0.065401891	1.24784338	0.407906716	1.03513147	0.17859321	1.40512266	0.790336	0.63996	0.38366978
aminolevulinate, delta-, syntha	NM_000688	211	3p21.31	51324570	neg	1	1	1	0.68208	0.86182201	0.23583	1.41612787	0.59661	0.93276764	0.30917385	1.13541198	0.50883581	0.97243878			0.50248	0.97244	0.323223405	1.14058765	0.307181616	1.10003418	0.67945139	0.74680709	0.202311	1.37959	0.46107475
hypothetical protein FLJ11068	NM_018314	55293	11p15.1	19674833	neg	1	1	2	0.75386	0.77307413	0.1835	1.50958995	0.56158	0.93872111	0.54900777	0.70952845	0.59392925	0.81076954			0.59039	0.81077	0.406064627	1.15591346	0.593313991	0.64063731	0.66174132	0.66179032	0.409068	1.02439	0.72212063
chromosome 11 open reading	NM_013265	738	11q13.1	67379417	neg	1	1	2	0.96152	0.58570174	0.73495	0.77428896	0.041516	1.85634991	0.29386685	1.1271632	0.63397219	0.90578855	0.39179174	2.34526465	0.64217	0.89802	0.563177693	0.97745324	0.920924855	0.43986308	0.9186598	0.55199615	0.549146	0.78567	0.49923047
metallothionein 1X	NM_005952	4501	16q12.2	47099911	pos	1	1	2	0.38851	1.07972101	0.38072	1.09666912	0.391431	1.04778776	0.38218891	1.06195474	0.0118279	1.72208697	0.09680237	2.11305942	0.02291	1.6556	0.195732258	1.20548389	0.678196311	0.69114309	0.59590894	0.87674231	0.566834	0.80311	0.1414314
hypothetical protein FLJ20627	NM_017909	55005	6q25.1	151287088	neg	1	1	2	0.2466	1.24017973	0.06909	1.8421156	0.234942	1.25006623			0.72326339	0.81691394			0.72398	0.81691	0.13989697	1.30840868	0.404928062	1.09575729	0.48612484	0.96519127	0.387846	1.08465	0.36256396
chromosome 4 open reading fr	NM_006345	10463	4p13	42064402	pos	1	1	2	0.39964	1.08428218	0.0099	12.4788194	0.751881	0.83997398	0.74346686	0.70176166	0.19028709	1.72135821			0.17846	1.72136	0.796678077	0.73485818	0.323253839	1.08259276	0.86062071	0.32732574	0.099545	31.2941	0.58240301
frizzled homolog 9 (Drosophila	NM_003508	8326	7q11.23	71488771	neg	1	1	2	0.8911	0.68364135	0.8194	0.70189842	0.007559	2.40613298	0.03909568	1.59978734	0.00714193	1.84108197	5.6208E-05	3.09326161	0.86268	0.63229	0.085714864	1.54096921	0.857062417	0.45287748	0.36698548	1.11444424	0.856008	0.52584	0.5025596
hypothetical protein FLJ11210	NM_018361	55326	8p23.1	6630796	neg	1	1	2																							
ATP/GTP binding protein 1	NM_015239	23287	9q21.33	79205199	pos	1	1	2					0.494092	0.98567556	0.42409594	1.07695518	0.31617071	1.46558682			0.30495	1.46559									
brain protein I3	NM_015379	25798	7q21.3	96445812	pos	0	1	0	0.7216	0.85777267	0.8417	0.70725288	0.457138	1.01256213	0.88010806	0.80008062	0.36338736	1.03758664	0.38442485	1.03366422	0.40289	1.04971	0.335094203	1.07018847	0.827087844	0.58580568	0.56675588	0.90177513	0.816235	0.63102	0.82111658
STE20-like kinase	NM_016281	51347	12q24.23	117530509	pos	1	1	1			0.26873	2.47713178					0.51103505	0.98985657			0.49525	0.98986			0.579277867	0.99984202	0.50978614	0.83929676			
tumor necrosis factor (ligand)	NM_001252	970	19p13.3	6680380	neg	0	1	0	0.69463	0.8743093	0.84869	0.69522737	0.335987	1.07589053	0.49342328	0.97650753	0.13724939	1.51262703	0.11835589	1.54794572	0.53009	0.87278	0.88845979	0.84765083	0.932040208	0.38260947	0.94901711	0.44169479	0.504574	0.91375	0.6697475
caudal type homeo box transc	NM_001804	1044	5q33.1	149616652	neg	1	1	2									0.30711327	1.48565948			0.29575	1.48566			0.93291235	0.2221942	0.96062233	0.25383707			
transcription factor-like 1	NM_005997	6944	1q21.3	148990873	neg	1	1	1	0.78188	0.78394796	0.53682	0.95265269	0.198126	1.20941602	0.53704599	0.91412795	0.51550201	0.9980086			0.49064	0.99801	0.799564822	0.43770017	0.936363591	0.3880148	0.93514394	0.4953343	0.538645	0.84253	0.54610986
GRO1 oncogene (melanoma gr	NM_001511	2919	4q13.3	74724331	pos	0	1	0	0.5659	0.94554781	0.22086	1.42059484	0.38624	1.08187417	0.03900966	1.99725516	0.51011214	0.99277155			0.4962	0.99277	0.087656344	1.43708119	0.557865909	0.72261397	0.553911	0.89251174	0.539494	0.72903	0.66076066
harakiri, BCL2 interacting prot	NM_003806	8739	12q24.22	116138730	neg	1	1	2																							
NADH dehydrogenase (ubiquir	NM_021075	4731	21q22.3	40847544	neg	1	1	0	0.23381	1.23538727	0.04711	1.88139952	0.255323	1.16043887	0.29251709	1.23640652	0.73387884	0.83543556			0.73491	0.83544	0.292996425	1.12814458	0.38180657	1.02089214	0.3624268	1.16169054	0.519556	0.80097	0.62535573
F-box and leucine-rich repeat	NM_018378	55336	16q22.1	57888314	neg	1	1	2	0.10985	1.42151732	0.04744	1.79200185	0.688356	0.91220182	0.99996692	0.43363998	0.56081049	0.94999485	0.61043261	0.63098896	0.53236	0.97021	0.418777099	1.04339623	0.373950148	1.05698203	0.34071302	1.22510823	0.482553	0.9037	0.48400234
RAP2A, member of RAS oncog	NM_021033	5911	13q32.1	96446395	neg	1	1	2									0.84772653	0.59102842			0.85144	0.59103									
hypothetical protein FLJ14153	NM_022736	64747	3q25.32	155780276	pos	1	1	1	0.77964	0.73941548	0.1796	1.4218663	0.090353	1.51646795	0.51119189	0.91423613	0.77776705	0.75764154			0.78002	0.75764	0.319062354	1.24163595	0.5650502	0.60535716	0.49862579	0.59954102			0.51984343
B9 protein	NM_015681	27077	17p11.2	19378622	neg	1	1	2	0.26031	1.18590738	0.17121	1.35691978	0.495387	0.99739607	0.33547413	1.3723203	0.51954883	0.98392113	0.50833658	0.778799	0.51322	0.98429	0.209286146	1.13597605	0.730115759	0.55643791	0.49056723	0.9154499	0.704199	0.68316	0.45876375
putative transmembrane prote	NM_020470	10897	11q13.3	68586113	neg	1	1	2	0.17767	1.33987915	0.02652	2.05444091	0.400473	1.08913438	0.09838407	1.48115872	0.77966416	0.7462481			0.78197	0.74625	0.245900252	1.15162307	0.517924424	0.88516037	0.47511182	1.01159377			0.46743986
intermediate filament-like MGC	NM_015438	25900	12p13.31	6503515	neg	0	1	2	0.50668	0.99459162	0.81051	0.73871568	0.213067	1.12253616	0.59012692	0.8894207	0.0491242	1.30438066	0.05411143	1.46120788	0.18702	1.1986	0.172006958	1.145576	0.167957762	1.29020654	0.51293782	0.97182011	0.166836	1.35162	0.62491184
protein-kinase, interferon-indu	NM_004705	5612	11q13.5	78387970	neg	1	1	2									0.91051166	0.53020204			0.91463	0.5302									
serine protease inhibitor, Kuni	NM_003710	6692	15q15.1	36503846	neg	1	1	2									0.99997927	0.03708322			0.99999	0.03708									
small nuclear ribonucleoprotei	NM_004596	6626	19q13.2	41896690	pos	1	1	1	0.37948	1.10998511	0.15868	1.45632328	0.668941	0.84860751	0.15617499	1.56383904	0.99926002	0.47394038	0.98115511	0.55290998	0.99625	0.35854	0.759356047	0.82115082	0.610034976	0.86674472	0.64408708	0.49881301	0.399342	1.03954	0.52420511
progesterone-induced blockin	NM_006346	10464	13q22.1	71325029	neg	0	1	2	0.35232	1.17795119	0.55884	0.93752979	0.188644	1.26125217	0.0705528	2.07907067	0.00227856	1.89470059	0.00177853	1.92556379	0.31101	1.51252	0.092022449	2.06402726	0.613897547	0.96996333	0.27199186	1.22080887	0.98541	0.31507	0.60781173
phosphoenolpyruvate carboxy	NM_004563	5106	14q11.2	21935988	neg	1	1	2	0.03975	1.98779979	0.05197	2.24962871	0.394494	1.19354816	0.23209228	2.24840158	0.33041847	1.15420684			0.31943	1.15421	0.453233747	1.05367234	0.509665675	0.84332869	0.41172952	1.08002589	0.500743	0.8098	
hypothetical protein FLJ13162	NM_025002	80069	6q27	169285717	neg	0	1	2	0.88032	0.68318645	0.16419	1.51013889	0.226676	1.26494021	0.37893264	1.41885472	0.91107336	0.52742323			0.91519	0.52742	0.264802331	1.46960947	0.369910128	1.07697104	0.38835711	1.16707617	0.561662	0.74866	0.70337721
hypoxia-inducible factor 1, alp	NM_001530	3091	14q23.2	59488305	neg	1	1	2	0.08682	1.44714258	0.04965	1.7466087	0.201926	1.14418137	0.24585735	1.15024758	0.4157566	1.21132752	0.54300071	0.68709539	0.39404	1.25164	0.428357422	1.03920111	0.531492466	0.83403615	0.49169149	0.96844016	0.566666	0.81115	0.35532424
zinc finger protein	NM_015871	51042	1p35.3	25976657	pos	1	1	2	0.47243	1.01784857	0.31045	1.16404121	0.661535	0.91586509	0.31144907	1.17492166	0.43106828	1.04600462	0.49067587	0.7710505	0.42218	1.04614	0.365762575	1.07159049	0.381190413	1.08620702	0.44725405	1.25407514			0.81891058
hypothetical protein FLJ13433	NM_022496	64431	12q23.1	99420193	pos	0	1	0	0.06955	1.4888598	0.51953	0.97031483	0.028918	1.4601788	1.6836E-05	2.05027787	0.22370078	1.14017384	0.00312812	1.81738403	0.97063	0.62606	0.016304216	1.59569863	0.582564152	0.99782129	0.26732504	1.22360581	0.986531	0.30965	0.80256739
guanine nucleotide binding pro	NM_005145	2788	19p13.3	2577080	neg	0	1	0	0.91736	0.64857712	0.88501	0.61526163	0.317491	1.11110528	0.38410516	1.31724544	0.25319505	1.16234818	0.18168992	1.52095531	0.37593	1.0795	0.229775365	1.32700817	0.651741111	0.68932353	0.53055421	0.92322643	0.598067	0.82575	0.5351281
carbohydrate (keratan sulfate (	NM_003654	8534	11p11.2	47454725	neg	1	1	2									0.31269883	1.34420312			0.30142	1.3442			0.558121299	0.95817772	0.46270508	1.03401361			
mannosidase, alpha, class 2A,	NM_002372	4124	5q21.3	108644458	pos	1	1	2																							
CpG binding protein	NM_014593	30827	18q21.1	47907022	neg	1	1	2	0.57807	0.93251193	0.13479	1.54136993	0.706136	0.86706062	0.45301136	0.9882359	0.63214915	0.85140171			0.62991	0.8514	0.095030724	1.60184617	0.517212558	0.59102601	0.59204584	0.83988781	0.537322	0.73978	0.63383564
chromosome 11 open reading	NM_014205	741	11q13.1	67399609	neg	1	1	2	0.64938	0.90502506	0.82158	0.72884568	0.17988	1.14046751	0.51930299	0.82957827	0.18655809	1.15121408	0.13284211	1.30899393	0.37816	1.06148	0.994313838	0.71118427	0.94602291	0.47979285	0.77317821	0.72988573	0.915418	0.50626	0.96947647
dynactin 1 (p150, glued homol	NM_004082	1639	2p13.1	74725915	neg	1	1	0	0.91143	0.60915014	0.77975	0.75897482	0.268856	1.8527681	0.2626603	1.57629648	0.76467817	0.75053758			0.76659	0.75054	0.538241317	0.99224694	0.570779126	0.68007038	0.65111243	0.76137826	0.375224	1.16888	0.17489946
putative receptor protein	NM_003876	8834	17p11.2	20784757	neg	1	1	1	0.04918	1.60727277	0.06981	1.85117978	0.149684	1.25769726			0.38649074	1.07620106	0.37665708	1.07620744	0.49877	0.87384	0.31284699	1.10080793	0.322646177	1.03500201	0.67501124	0.77200577	0.296925	1.29412	0.36417184
protein kinase, AMP-activated,	NM_006251	5562	5p13.1	41069403	neg	1	1	2									0.65914804	0.83891767			0.65781	0.83892			0.605511846	0.20000917	0.69026584	0.22370487			
WW domain binding protein 4	NM_007187	11193	13q14.11	39622026	neg	1	1	1	0.09758	1.4325344	0.03826	1.84103386	0.476488	1.00600032	0.14912738	1.22991941	0.37763976	1.07888669	0.43948196	0.88530674	0.34573	1.09728	0.11277558	1.21029827	0.536899919	0.83141226	0.4186098	1.11182422	0.419026	0.99785	0.36462672
zinc finger protein 146	NM_007145	7705	19q13.12	37386800	pos	1	1	0	0.29168	1.1584843	0.07923	1.64356436	0.621975	0.9443641	0.15392449	1.42117674	0.22725113	1.16655497	0.17837146	1.57230312	0.32297	1.10282	0.060145243	1.26836615	0.33031518	1.09301675	0.14956388	1.55541851	0.357638	1.07582	0.59695246
solute carrier family 35 (UDP-g	NM_005660	7355	Xp11.23	47563229	neg	1	1	2	0.15985	1.43304354	0.06813	1.89284351	0.483578	1.00349111	0.09925977	1.3694961	0.5148277	0.9963914			0.49134	0.99639	0.36864234	1.09052187	0.55171879	0.40164961	0.63235092	0.43323089	0.533453	0.78824	0.64618235
PTEN induced putative kinase	NM_032409	65018	1p36.12	20530333	pos	1	1	2	0.93722	0.61959441	0.56499	0.92003167	0.150676	1.53975342	0.02233127	2.93899632	0.99826012	0.33636277			0.99864	0.33636	0.126323313	1.52565751	0.672062863	0.66180467	0.45219642	1.0372371	0.763154	0.54198	0.84806374
protocadherin alpha 6	NM_018909	56142	5q31.3	140024088	neg	0	1	2	0.15879	1.52306321	0.19315	1.54418605			0.39874678	1.14579924	0.28915996	1.2277284			0.27757	1.22773	0.145844672	1.7348076	0.015825895	2.7246384	0.29801302	1.53286108	0.002406	7.0703	0.40943809
chromosome 5 open reading fr	NM_016605	51307	5q31.2	137551566	pos	0	1	2	0.18239	1.28262418	0.34474	1.12854592	0.360139	1.0609905	0.31814152	1.08883402	0.7142889	0.78463543	0.77851972	0.62242457	0.52014	0.97053	0.795360446	0.89499697	0.724831369	0.54193492	0.59170778	0.48346056	0.725006	0.6762	0.33148155
neuronal potassium channel a	NM_014379	27012	8q23.2	109963824	neg	0	1	2	0.1051	1.41056264	0.30499	1.16940342	0.94239	0.75404486	0.39745453	1.1333592	0.34970664	1.17181506	0.48479948	0.86904106	0.3368	1.17563	0.605059364	0.97101941	0.837683419	0.43767054	0.68372842	0.41713049	0.759763	0.65249	0.28093456
protein phosphatase 2, regulat	NM_006244	5526	11q13.1	67208188	neg	1	1	2	0.32732	1.13287511	0.06298	1.89099893	0.481853	1.00878973			0.87470299	0.52337407			0.87873	0.52337	0.484132473	1.01917373	0.265666691	1.50307144	0.33070854	1.47568118			0.32500296
hypothetical protein FLJ12700	NM_024910	79970	7q36.1	147490885	neg	1	1	2	0.31804	1.24790145	0.08261	2.19634503	0.496182	0.98822104			0.76794002	0.64524327			0.76994	0.64524	0.567663659	0.96134532	0.639525936	0.92241258	0.53823523	0.89866923	0.365966	1.70196	
hypothetical protein FLJ12973	NM_024908	79968	15q15.3	39486412	neg	1	1	2	0.94818	0.4696019	0.58391	0.88781095	0.086925	3.28704985			0.99479255	0.35502794			0.99568	0.35503			0.684496273	0.6634955	0.69552824	0.76376005			0.44845171
WD repeat domain 10	NM_052985	55764	3q21.3	125984653	neg	1	1	2	0.17665	1.3426546	0.04851	1.8029029	0.660806	0.9090187	0.29116581	1.14177529	0.45630437	1.0320462			0.44834	1.03205	0.080946367	1.39706537	0.646310951	0.51367901	0.49949474	0.96873497	0.536773	0.79014	0.62223306
angio-associated, migratory ce	NM_001087	14	2q35	217144655	neg	1	1	2	0.37642	1.08806043	0.11063	1.51686343	0.34993	1.06915384	0.40261842	1.03601715	0.68379213	0.8524806			0.68327	0.85248	0.073434	1.39540961	0.746150859	0.5068235	0.78351868	0.57282004	0.636171	0.72295	0.5328031
Wiskott-Aldrich syndrome-like	NM_003941	8976	7q31.32	121802383	neg	1	1	1	0.31585	1.20097547	0.07714	2.14895178	0.227482	1.27038125			0.46922987	1.02599043			0.46165	1.02599	0.118647619	1.51424345	0.379183749	1.0713429	0.50467719	0.91121297			0.43862933
protocadherin alpha 12	NM_018903	56137	5q31.3	140071369	neg	0	1	2																							
TAF5 RNA polymerase II, TATA	NM_006951	6877	10q24.33	104020923	neg	1	1	2									0.96126065	0.34090237			0.96445	0.3409			0.709019379	0.37165026	0.88278495	0.30580531			
NY-REN-41 antigen	NM_080654	91057	11p14.1	28719061	pos	1	1	2																							
receptor (calcitonin) activity m	NM_005855	10267	2q37.3	236817326	neg	1	1	2									0.72607937	0.46754181			0.72688	0.46754									
cleavage stimulation factor, 3'	NM_001325	1478	Xq22.1	95357058	neg	1	1	2	0.33831	1.15475535	0.28054	1.22561018	0.465996	1.01185943	0.40660534	1.02384225	0.00014543	3.07267254	0.3341806	1.27351256	1.6E-05	4.33228	0.511377796	1.03425889	0.936011326	0.43649451	0.97650007	0.33235176	0.416211	1.11575	0.94205383
signal transducer and activato	NM_005419	6773	12q13.2	56573015	pos	1	1	2	0.62103	0.89316064	0.18115	1.37293233	0.295768	1.16649234	0.62396709	0.86003312	0.66374458	0.86293215			0.66256	0.86293	0.282274725	1.16942548	0.575126201	0.75413265	0.49985359	0.81294674	0.420748	0.99129	0.3331159
KH domain containing, RNA bi	NM_006559	10657	1p35.1	32294808	pos	1	1	2	0.33695	1.13483808	0.0781	1.77915438	0.301836	1.12878014	0.19613603	1.48290192	0.7962845	0.48126933			0.79899	0.48127	0.333510338	1.16649405	0.565665297	0.92067542	0.45991464	1.06012506	0.655328	0.63282	0.49135954
pre-B-cell leukemia transcripti	NM_006195	5090	9q33.3	119624453	pos	1	1	1																							
U2(RNU2) small nuclear RNA a	NM_006758	7307	21q22.3	41060857	neg	1	1	2	0.29024	1.16721924	0.03255	1.89167363	0.740178	0.89585763	0.50756943	0.96119354	0.27751694	1.17248245	0.53089042	0.63631736	0.2645	1.17385	0.378391037	1.06076811	0.574986221	0.71983853	0.52002103	0.8042328	0.635017	0.74817	0.39307034
nectin 3	NM_015480	25945	#N/A	#N/A		1	1	2																							
aristaless-like homeobox 3	NM_006492	257	1p13.3	111018879	neg	1	1	2			0.49655	0.96833333					0.53900193	0.90096939			0.53363	0.90097			0.760311763	0.50390289	0.86881146	0.49443066			
KIAA1056 protein	NM_014894	22830	14q11.2	21369574	neg	1	1	2	0.26487	1.1940038	0.11379	1.49206696	0.293972	1.10609596			0.57965909	0.99388404	0.40121976	0.9919119	0.33658	1.10535	0.737231271	0.9164998	0.639894611	0.93378782	0.51043261	0.96982619	0.386803	1.05276	0.23485153
translocase of outer mitochon	NM_014820	9868	3q12.1	96528593	neg	1	1	2	0.47457	1.02288516	0.28577	1.31795191	0.268613	1.24102607			0.54590727	0.91102368			0.54076	0.91102	0.476723785	1.06477963	0.541809528	0.77277093	0.53052772	0.75200989			0.47597241
DEAD/H (Asp-Glu-Ala-Asp/His)	NM_007204	11218	1p13.2	112714421	pos	1	1	2	0.41157	1.06297896	0.32122	1.15550948	0.327903	1.10245783	0.90423549	0.69080792	0.35497862	1.10426859	0.16637242	1.40311975	0.65733	0.8674	0.162621709	1.19717824	0.483457132	1.00116434	0.24553846	1.34632035	0.962035	0.36464	0.1449348
protein tyrosine phosphatase,	NM_004648	140885	20p13	1864138	neg	1	1	0	0.87925	0.54058504							0.82154508	0.4343071			0.8248	0.43431			0.102311694	1.71097687	0.07630881	1.96631494			
serine racemase	NM_021947	63826	17p13.3	2513596	neg	1	1	2									0.78188534	0.74934432			0.78425	0.74934			0.384539643	1.39801969	0.46924732	1.59051792			
Sm protein F	NM_007080	11157	4q31.22	147896762	neg	1	1	2	0.76878	0.68964941	0.08315	2.05207182	0.551368	0.91029912	0.34129432	1.40579983	0.55107274	0.93137993			0.5461	0.93138	0.210615768	1.69506813	0.75193836	0.56673694	0.81729419	0.608133			0.58605533
PAP-1 binding protein	NM_031288	83444	2p13.1	74819879	neg	0	1	2	0.62254	0.89409087	0.48552	0.99790076	0.237752	1.26894917			0.32185513	1.26993302			0.31072	1.26993	0.353612892	1.37353204	0.576294153	0.58854949	0.49129772	0.68161776	0.402833	1.0461	0.66209522
suppression of tumorigenicity	NM_003932	6767	22q13.2	37835128	pos	1	1	1	0.66787	0.8903639	0.71243	0.82141423	0.30497	1.0936223	0.18299934	1.25864496	0.26604799	1.0970702	0.10754664	1.45411402	0.46127	1.0155	0.484589776	1.02210247	0.788401791	0.73296748	0.72101175	0.79098602	0.283092	1.16955	0.82886431
diacylglycerol kinase, alpha (8	NM_001345	1606	12q13.2	56229962	pos	0	1	0	0.98548	0.37357585	0.49131	0.64303385	0.222969	2.95120956			0.7633498	0.75764154			0.76522	0.75764			0.533583918	0.45154215	0.69115651	0.38188002			
hypothetical protein MGC1352	NM_033411	112611	6q14.2	83849567	neg	1	1	1																							
growth hormone receptor	NM_000163	2690	5p12	42872264	pos	1	1	2	0.19931	1.28578632	0.08511	1.62289191	0.663075	0.8757266	0.12262185	1.30911321	0.59193751	0.91414088			0.58834	0.91414	0.739963301	0.90513383	0.145333262	1.32928711	0.28713425	1.55011655	0.154029	1.58573	0.37065382
DKFZP727M111 protein	NM_015540	26015	15q15.1	37177030	neg	1	1	2	0.53793	0.97471224	0.69397	0.83766527	0.584861	0.96425766	0.9440108	0.74915597	0.32523449	1.06316123	0.28954087	1.09183244	0.47285	1.01443	0.977158138	0.77333277	0.781479427	0.67279311	0.69296732	0.82158248	0.638861	0.79608	0.86898446
hypothetical protein FLJ12457	NM_024674	79727	1p35.2	28772544	neg	0	1	2																							
adrenomedullin	NM_001124	133	11p15.4	11338151	pos	1	1	0	0.47124	1.03008253	0.29938	1.3433526	0.471115	1.01991482	0.22676207	1.84366688	0.48459081	1.03845957			0.47747	1.03846			0.217812071	1.40368129	0.4777829	1.43565525	0.153246	3.08824	0.42534226
cyclin-dependent kinase 4	NM_052984	1019	12q13.3	57743621	neg	1	1	2	0.17481	1.35757688	0.09607	1.60575726	0.702762	0.8546896			0.5544784	0.94327897			0.54962	0.94328	0.357877836	1.11632012	0.664960079	0.58924992	0.68122355	0.69788797	0.602066	0.66716	0.39166995
phospholipase C, gamma 1 (fo	NM_002660	5335	20q12	39494699	pos	1	1	2	0.7939	0.80096351	0.82208	0.72013465	0.393212	1.1472664			0.28042625	1.14534738	0.26340126	1.20002743	0.41825	1.07291	0.225630473	1.14337763	0.137435155	2.59697311	0.12796289	3.40816984			0.03247401
chromosome 20 open reading	NM_052970	116835	20p13	3701436	neg	1	1	2																							
cytochrome b5 outer mitochor	NM_030579	80777	16q22.1	60143818	neg	0	1	2	0.85685	0.72349175	0.60175	0.89413636	0.47817	1.00814196	0.41233561	1.51419295	0.45061081	1.03498836			0.44248	1.03499			0.348872143	1.13862184	0.85844436	0.57045105	0.146763	1.73061	0.58197293
wingless-type MMTV integratic	NM_003395	7483	1q42.13	226605902	neg	1	1	2																							
hypothetical protein FLJ12750	NM_024667	79720	12q24.31	122059665	neg	1	1	2	0.82397	0.76128877	0.30907	1.16580826	0.60431	0.93912195	0.32339276	1.10654387	0.33442582	1.22183014	0.31396729	1.24978175	0.50384	0.98647	0.675863284	0.92675011	0.081315112	1.39426067	0.12925979	1.57333492	0.053159	2.10458	0.35139069
PRP31 pre-mRNA processing f	NM_015629	26121	19q13.42	55267326	neg	0	1	1									0.59370584	0.88034184			0.59016	0.88034									
prostaglandin D2 synthase (21	NM_000954	5730	9q34.3	131178574	neg	0	1	0									0.56742108	0.87440034			0.56299	0.8744									
netrin G1f	NM_014917	22854	1p13.3	108184448	neg	1	1	0																							
ATP-binding cassette, sub-fam	NM_005688	10057	3q27.1	180375385	neg	1	1	2																							
adaptor-related protein comple	NM_007077	11154	14q12	28870784	pos	0	1	2	0.27636	1.21637399	0.27639	1.24306527	0.777823	0.8526535	0.5169482	0.90135404	0.22295514	1.25384827	0.3585392	1.17198182	0.22832	1.31505	0.569247558	0.96852821	0.589676822	0.94583187	0.49348766	0.92695664	0.392238	1.0503	0.49639473
adrenergic, beta-1-, receptor	NM_000684	153	10q25.3	114711304	pos	1	1	2																							
transforming growth factor, be	NM_004612	7046	9q22.33	92667680	neg	1	1	2																							
hypothetical protein FKSG44	NM_031904	83786	11q13.1	67669974	neg	1	1	2	0.86899	0.72759048	0.39805	1.08116002	0.149989	1.23299427	0.80135558	0.7548219	0.4549317	1.03584525	0.18363442	1.9865981	0.57573	0.94768	0.356807347	1.07782312	0.710336701	0.56360733	0.697583	0.66339415	0.60424	0.80053	0.5653255
inhibin, beta B (activin AB beta	NM_002193	3625	2q14.2	118308424	neg	1	1	2									0.98929174	0.3449838			0.99078	0.34498									
nuclear receptor coactivator 4	NM_005437	8031	10q11.23	50415963	neg	1	1	0	0.85888	0.74327861	0.81567	0.72589683	0.313737	1.08730204	0.96850188	0.6766381	0.34303497	1.07449549	0.1616851	1.62028542	0.45818	1.01867	0.756897295	0.90263113	0.790311717	0.52092803	0.66396573	0.574656	0.751392	0.67742	0.96304933
phosphatidylinositol transfer p	NM_004910	9600	11q13.3	69782171	neg	1	1	0									0.54213216	0.9309627			0.53686	0.93096									
bridging integrator 2	NM_016187	51411	12q13.13	51831067	neg	0	1	2	0.209	1.23927944	0.2796	1.19571707	0.355846	1.06917132	0.57541712	0.93198008	0.19435122	1.28012043			0.18249	1.28012	0.385297567	1.05258808	0.009646259	1.87665109	0.02433743	2.16885535	0.005736	3.08525	0.17979138
CTD (carboxy-terminal domain	NM_004715	9150	18q23	76954209	neg	1	1	2			0.35817	1.20615764					0.86512849	0.56802309			0.86907	0.56802			0.696725335	0.3554849	0.86660289	0.2970178			
tissue factor pathway inhibitor	NM_006528	7980	7q21.3	92051181	pos	1	1	1	0.92039	0.6433691	0.784	0.72964504	0.169875	1.17367983	0.74762647	0.84831175	0.23505654	1.17481987	0.11825238	1.43016341	0.53708	0.97282	0.44008453	1.41570011	0.848323427	0.60987436	0.76019249	0.7616524	0.741847	0.69307	0.72093027
calpain 1, (mu/l) large subunit	NM_005186	823	11q13.1	67465077	neg	1	1	0									0.99144773	0.35736318			0.99272	0.35736									
wingless-type MMTV integratic	NM_025216	80326	2q35	217761063	neg	1	1	1	0.11187	1.38510841	0.41722	1.05644236	0.974716	0.72478806	0.29144755	1.09838992	0.59890731	0.99722558	0.39970906	0.99708016	0.41784	1.04255	0.049685587	1.2713468	0.011957052	2.0106163	0.03201246	2.98230115	0.021429	2.29936	0.16368374
hypothetical protein DKFZp761	NM_032280	84240	5q14.1	79419348	pos	1	1	2	0.66267	0.87700815	0.57039	0.9226052	0.894123	0.74667431	0.46719214	0.96019222	0.51077922	0.98591209			0.50449	0.98591	0.583678716	0.96028992	0.513456164	0.66867778	0.63953877	0.63660084	0.544732	0.81467	0.62747625
estrogen-related receptor alph	NM_004451	2101	11q13.1	66588774	neg	0	1	0			0.42941	1.12254098					0.82547404	0.70496767			0.82881	0.70497			0.314710075	1.3548874	0.38995665	1.33844943			
ribosomal protein L26-like 1	NM_016093	51121	5q35.1	172643530	neg	0	1	0									0.942216	0.48762977			0.94596	0.48763			0.427612192	1.13365093	0.44295401	1.28311688	0.673005	0.49412	
Rab acceptor 1 (prenylated)	NM_006423	10567	19q13.2	43100321	pos	1	1	2	0.49505	1.00212953	0.24969	1.23645199	0.288065	1.09410604	0.36610133	1.05029706	0.48060546	1.00223849	0.30946077	1.29735611	0.48601	1.00118	0.466088533	1.02458589	0.555477597	0.65771394	0.5063362	0.77228115	0.617674	0.74595	0.63179732
cold shock domain protein A	NM_003651	8531	12p13.2	10555752	pos	1	1	1									0.99551808	0.36631114			0.99631	0.36631									
hypothetical protein MGC3169	NM_024074	79041	19p13.12	17265805	pos	1	1	2									0.9024249	0.37027103			0.90657	0.37027									
hypothetical protein FLJ14926	NM_032862	84948	8q24.3	142725619	neg	1	1	0	0.96694	0.35449785	0.13805	2.73744131	0.657443	0.60826857	0.25132852	2.15451688	0.80383071	0.7146178			0.80671	0.71462			0.486050281	0.77950593	0.534458	0.88070734			
leucyl/cystinyl aminopeptidase	NM_005575	4012	5q15	95502205	neg	1	1	2	0.12872	1.37723321	0.06331	1.68168545	0.909775	0.76636882	0.31363837	1.12864224	0.27954841	1.20077756			0.26785	1.20078	0.228660576	1.15242403	0.922991283	0.40778176	0.89495089	0.55341778	0.568025	0.77311	0.54124473

solute carrier family 8 (sodium	NM_058240	6547	14q24.2	68017698	pos	1	1	2																	0.331946883	1.47424327	0.43810045	1.23376623			
E2F transcription factor 2	NM_004091	1870	1p36.11	23394008	neg	1	1	2			0.26795	1.40718391	0.616607	0.85798932			0.46269412	1.04060294			0.45492	1.0406			0.343160365	1.12152939	0.38434896	1.21478521			
chromosome condensation 1-l	NM_001268	1102	13q14.2	47063064	pos	1	1	0	0.0279	1.89891126	0.26888	1.23121044	0.701527	0.86454022	0.18294691	1.31486544	0.39437598	1.08316573			0.38474	1.08317	0.809894367	0.85370118	0.556252735	0.9729887	0.30523515	1.21285494	0.571123	0.79463	0.54016906
ribosomal protein S4, X-linked	NM_001007	6191	Xq13.1	67219560	neg	1	1	2	0.36033	1.0937829	0.78652	0.76092245	0.235539	1.10766572	0.9824969	0.67802425	0.13504856	1.26584434	0.11463444	1.29740367	0.47512	1.03902	0.693248134	0.9452135	0.923500398	0.47850661	0.93633791	0.55179233	0.861201	0.58791	0.99240049
cartilage linking protein 1	NM_001884	1404	5q14.3	81755040	pos	0	1	2	0.11899	1.37488181	0.59869	0.90594771	0.386587	1.05218895	0.00029678	1.85843119	0.11233083	1.26979848	0.00134313	2.26468026	0.86717	0.74845	0.689497966	0.9300839	0.714079447	0.75157452	0.43195662	1.41494869	0.946731	0.44774	0.55561451
zona pellucida glycoprotein 3A	NM_007155	7784	7q11.23	74589802	neg	1	1	0			0.22397	1.35779487	0.31389	1.19072769			0.77909601	0.74747645			0.78138	0.74748	0.820865189	0.64559349	0.568416069	0.59829053	0.62287935	0.71495171	0.613504	0.70187	
pleckstrin 2 (mouse) homolog	NM_016445	26499	14q23.3	65358940	pos	1	1	1	0.61502	0.91220565	0.45613	1.02497679	0.392671	1.06352935			0.77043675	0.79312467			0.7725	0.79312	0.943356136	0.66002863	0.88306676	0.48352543	0.83468356	0.64382744	0.500097	0.87395	0.44319097
hypothetical protein FLJ11220	NM_018364	54665	1p13.2	114721803	pos	1	1	2	0.57469	0.94513864	0.14299	1.46279666	0.778697	0.82573613			0.3114888	1.11705866	0.32916642	1.15851449	0.37654	1.08988	0.162742955	1.31223517	0.820758063	0.44262747	0.58156736	0.88467734	0.879735	0.47292	0.64131147
hypothetical protein MGC1064	NM_032693	84779	4q21.21	80166135	pos	0	1	2	0.71974	0.85736275	0.88237	0.65040936	0.223433	1.19491713			0.79653534	0.81192147	0.52228509	0.79757482	0.79873	0.81198	0.263841896	1.16642388	0.915150187	0.51548427	0.84726119	0.65100072	0.685382	0.75789	0.98309732
crystallin, beta A2	NM_005209	1412	2q35	217870719	neg	1	1	1	0.15013	1.31803717	0.05326	1.74106708	0.470248	1.00918614	0.89866747	0.76796521	0.56866707	0.9309896	0.59020071	0.55765313	0.54948	0.94575	0.240273276	1.12426647	0.001033748	3.60751415	0.03035905	4.11622604	0.001276	4.93576	0.07971371
limkain beta 2	NM_025140	80212	12q24.31	123054256	neg	1	1	0	0.30202	1.14674273	0.62742	0.88447424	0.03067	1.36647088	0.25027377	1.17347322	0.28961148	1.11341789	0.25585766	1.19328277	0.42233	1.04982	0.035377683	1.35328822	0.234389053	1.07656099	0.19878697	1.40618259	0.330721	1.09371	0.62439831
von Hippel-Lindau syndrome	NM_000551	7428	3p25.3	10112757	neg	1	1	2	0.95644	0.4277662							0.61491465	0.77930934			0.61209	0.77931			0.608223312	0.84322252	0.46444475	1.13908873	0.396513	1.06144	
glycolipid transfer protein	NM_016433	51228	12q24.11	109355654	neg	1	1	1									0.51358845	0.99286043			0.49261	0.99286									
mitogen-activated protein kina	NM_003668	8550	12q24.12	111177477	pos	1	1	1									0.94558683	0.3739928			0.94925	0.37399									
G protein-coupled receptor 25	NM_005298	2848	1q32.1	198572284	neg	0	1	2									0.91695218	0.5283897			0.92104	0.52839									
hypothetical protein MGC1428	NM_032901	84987	12q13.12	50800702	pos	1	1	2			0.05644	2.14287383	0.930067	0.54157621			0.52351005	0.96954605			0.51763	0.96955	0.491074385	1.05315208	0.62440549	0.98266635	0.19022656	2.57034632	0.322788	1.2605	0.12099065
EphA4	NM_004438	2043	2q36.1	220313289	pos	1	1	2									0.95158587	0.38635158			0.9551	0.38635									
sterol regulatory element bind	NM_004599	6721	22q13.2	38843687	pos	1	1	2	0.03085	1.69684973	0.03498	1.87642903	0.98917	0.67302715	0.12461251	1.27706995	0.39511985	1.09107927	0.48575928	0.83526858	0.38449	1.09211	0.71036019	0.93095523	0.266912763	1.240961	0.2458347	1.42827893	0.597267	0.7678	0.81615916
mitochondrial ribosomal prote	NM_016034	51116	9q34.3	129542383	neg	1	1	2	0.24053	1.20715207	0.22772	1.26441903	0.912078	0.8018546	0.16979313	1.18081691	0.51698338	0.96547476	0.48104807	0.87474917	0.5025	0.99097	0.460207911	1.02626118	0.669743114	0.68471498	0.54538659	0.91965777	0.721808	0.64962	0.64888361
proteasome (prosome, macrop	NM_006503	5704	19q13.2	41104751	pos	1	1	2	0.31271	1.14436002	0.22475	1.27521413	0.912528	0.71012569	0.50198853	0.95335066	0.31414071	1.18467711	0.61556463	0.63098896	0.27732	1.21945	0.624380194	0.95833755	0.308623468	1.1462631	0.33264163	1.2279739	0.504807	0.86054	0.42010847
cyclin-dependent kinase 6	NM_001259	1021	7q21.2	90779730	neg	1	1	2	0.07226	1.59552539	0.02445	1.99978964	0.826687	0.84062501	0.39439801	1.04276281	0.22444289	1.25854095	0.58678743	0.64996701	0.20069	1.27696	0.300055973	1.09387893	0.552754108	0.69178252	0.55156204	0.49103071	0.567526	0.81752	0.35641729
protocadherin alpha 8	NM_018911	56140	5q31.3	140037345	neg	0	1	2	0.152	1.40303777	0.10696	1.68229548	0.047311	1.65483011	0.43369944	1.02132717	0.01326337	1.7413255	0.08198031	2.38224818	0.02763	1.64847	0.196835943	1.29985196	0.007319095	2.13301956	0.0351662	2.09246753	0.000752	7.43833	0.16971162
hypothetical protein FLJ20974	NM_032193	84153	11q13.1	68002963	neg	1	1	0			0.5431	0.80322581					0.68829416	0.84079732			0.68791	0.8408	0.506226028	1.19086737	0.575450253	0.99552198	0.2774558	1.25021645			
DiGeorge syndrome critical re	NM_022720	54487	22q11.21	17008134	neg	1	1	2									0.90745079	0.50973808			0.91158	0.50974			0.726792873	0.35776061	0.8121298	0.37835498			
nuclear receptor subfamily 5, (	NM_004959	2516	9q33.3	118359264	pos	1	1	0									0.36652608	1.12416452			0.35625	1.12416									
ephrin-A3	NM_004952	1944	1q21.2	148129746	pos	0	1	0									0.50749748	0.97719162			0.4989	0.97719									
hypothetical protein BC012033	NM_138492	153768	5q32	145116032	pos	1	1	2																							
protein phosphatase methyles	NM_016147	51400	11q13.4	76210023	pos	1	1	2	0.60563	0.87644579	0.2946	1.22009327	0.667404	0.87802196	0.34830248	1.22378092	0.61029285	0.84738581			0.60731	0.84739			0.99535753	0.16765915	0.99863747	0.22207792			0.41559418
cholecystokinin	NM_000729	885	3p22.1	41561076	pos	0	1	0	0.00352	2.44005909	0.02567	2.0419059	0.646963	0.91747544	0.13219342	1.40595446	0.01602946	1.70429898	0.13707465	1.76353655	0.02602	1.68864	0.015490261	1.50785011	0.008622823	2.593917	0.10938566	4.04233977	0.004465	3.47712	0.19434643
CAP-binding protein complex	NM_032831	80228	7q22.1	100557860	neg	1	1	2	0.45553	1.04115708	0.44619	1.03618504	0.500068	0.99110086	0.25440446	1.32112855	0.73082354	0.84011359			0.73177	0.84011	0.487347103	1.04731	0.575318123	0.87149032	0.46530594	1.16371724	0.507231	0.86781	0.16118802
SMC4 structural maintenance (	NM_005496	10051	3q25.33	157586038	neg	0	1	0									0.50889046	0.98985657			0.49746	0.98986			0.995624949	0.14517223	0.9984676	0.2007151			
coronin, actin binding protein,	NM_003389	7464	9q22.33	91711610	neg	1	1	0									0.72978205	0.69062833			0.73069	0.69063									
cyclin-dependent kinase inhibi	NM_004936	1030	9p21.3	22331961	pos	1	1	2			0.19391	1.91690476					0.63682641	0.85905142			0.63474	0.85905			0.808649346	0.47908661	0.87756008	0.50645342			
solute carrier family 20 (phosp	NM_005415	6574	2q13	110609524	neg	1	1	1																							
KIAA0140 gene product	NM_014661	9679	10q26.13	125277560	neg	1	1	2																							
polymerase (RNA) III (DNA dire	NM_006468	10623	1q21.1	144113079	neg	1	1	0	0.51359	0.99003761	0.35835	1.1165592	0.240246	1.27038125	0.21067567	1.1907653	0.70003872	0.88392149	0.23732008	1.45671537	0.82734	0.78021	0.245940504	1.11698984	0.633999069	0.91506034	0.32318236	1.16583565	0.397915	1.02941	0.30610295
hypothetical protein MGC3121	NM_024031	78994	16p11.2	29945232	neg	1	1	2									0.9536365	0.44126415			0.95709	0.44126									
high-mobility group 20A	NM_018200	10363	15q24.3	73605095	neg	1	1	1			0.53605	0.95020983																			
deleted in colorectal carcinom	NM_005215	1630	18q21.2	50763568	pos	0	1	2	0.26194	1.17860613	0.88483	0.65610159	0.15937	1.18705297	0.00498163	1.55957461	0.92792834	0.67937659			0.93191	0.67938	0.992361396	0.67085583	0.294929115	1.00916376	0.06042851	1.75688312	0.332321	1.09247	0.1252339
trophoblast glycoprotein	NM_006670	7162	6q14.1	83028263	pos	1	1	2									0.79908565	0.70220351			0.80186	0.7022			0.249292588	2.63673346	0.33088985	2.09366391			
SH3-domain GRB2-like 2	NM_003026	6456	9p22.2	17744913	pos	1	1	1									0.46600006	1.05690369			0.45832	1.0569									
ribonuclease 6 precursor	NM_003730	8635	6q27	166696315	neg	1	1	1	0.02026	1.75879178	0.104	1.50255188	0.729435	0.91028959	0.05986588	1.34682293	0.35602281	1.0853457	0.46072385	0.92665092	0.33009	1.09857	0.24312503	1.113628	0.578111065	0.90800214	0.4127296	1.13599608	0.323009	1.11482	0.46289644
chromobox homolog 5 (HP1 al	NM_012117	23468	12q13.13	54761907	neg	1	1	2	0.64899	0.88482928	0.16672	1.48029595	0.213123	1.24999723			0.48204071	1.00978284			0.47485	1.00978	0.174229655	1.53502608	0.846644174	0.52610232	0.80546772	0.67594639	0.541451	0.76634	0.61758749
sperm acrosome associated 1	NM_030960	81833	6q15	88703890	neg	1	1	1	0.69407	0.85435158	0.59118	0.89944005	0.023221	1.71549393			0.75512443	0.81499869			0.75677	0.815	0.210291798	1.26933919	0.076731573	1.69290214	0.64669766	0.64506559	0.015692	2.63171	0.45783404
hypothetical protein FLJ21988	NM_022493	64428	16p13.3	798905	neg	1	1	2			0.83907	0.71063784					0.97440699	0.25167257			0.97698	0.25167			0.575492295	0.9572203	0.5042258	0.81489498			
CCAAT/enhancer binding prot	NM_005194	1051	20q13.13	48536048	neg	1	1	1																							
hypothetical protein FLJ11783	NM_024891	79951	11q23.3	120664590	neg	1	1	2									0.7107487	0.7504147			0.71108	0.75041			0.574713012	0.90410899	0.48884069	0.87391775			
protocadherin gamma subfam	NM_018916	56112	5q31.3	140540039	neg	0	1	2			0.39985	1.47826797					0.59261457	0.7160885			0.58904	0.71609			0.33958793	1.84136303	0.42974095	1.58409492			
Rho GTPase activating protein	NM_001173	394	14q12	29923691	pos	1	1	2																							
cyclin-dependent kinase inhibi	NM_078467	1026	6p21.31	36648596	neg	1	1	2																							
homeo box B5	NM_002147	3215	17q21.32	46379758	pos	1	1	1																							
glucosamine-6-phosphate isor	NM_005471	10007	5q31.3	141203303	neg	1	1	0																							
protein tyrosine phosphatase,	NM_002835	5782	7q11.23	75702346	neg	1	1	2																							
peptidylprolyl isomerase A (cy	NM_021130	5478	7p13	44482677	neg	1	1	2	0.63266	0.83502109	0.05692	2.19357143	0.283851	1.92032894	0.76312017	0.26326528	0.51668989	0.99704991			0.48941	0.99705	0.302675138	1.5279636	0.382271205	1.03037043	0.55383156	0.84876117			0.47575021
origin recognition complex, su	NM_006190	4999	2q33.1	199992262	neg	1	1	2	0.64525	0.9077428	0.8382	0.71228667	0.006978	1.55853698	0.97114384	0.68551837	0.124052	1.21344808	0.12990711	1.30916486	0.27071	1.14075	0.543745873	0.99567944	0.904806884	0.47580324	0.85095732	0.567017	0.694149	0.74002	0.80969232
hypothetical gene MGC16733 s	NM_033547	92105	11q13.5	79962446	neg	0	1	2	0.25735	1.26845561	0.15497	1.6642132	0.274554	1.46794766	0.59625598	0.76371459	0.4208661	1.07221358			0.41191	1.07221	0.490574446	1.03803156	0.565274978	0.70944322	0.64621988	0.65800866	0.4372	0.91304	0.57654374
lysosomal-associated membra	NM_005561	3916	13q34	112561538	neg	1	1	2	0.92863	0.54855246	0.7672	0.68345697	0.167013	2.68157514	0.42601755	1.04619733	0.92397111	0.64263794	0.19145997	2.02008012	0.9732	0.53247	0.31880463	1.45991795	0.574374952	0.99457491	0.15045983	1.45713846	0.352295	1.14754	0.51230087
hypothetical protein FLJ12298	NM_032164	84124	7q22.1	97625639	neg	1	1	2	0.67996	0.88518079	0.85671	0.69317439	0.010471	1.45269224	0.96740725	0.69079978	0.58925815	0.95946675	0.15645396	1.38147585	0.84664	0.78342	0.357522001	1.06319345	0.917188953	0.45400533	0.89549105	0.53920154	0.656421	0.74937	0.75728133
RecQ protein-like 4	NM_004260	9401	8q24.3	143300685	neg	1	1	2									0.96841281	0.38144609			0.9713	0.38145									
solute carrier family 25 (mitoch	NM_001151	291	4q35.1	187100918	neg	1	1	2	0.66574	0.82414433	0.38758	1.53951613	0.63721	0.67810954	0.41423717	1.2432192	0.78982157	0.70127047			0.79238	0.70127	0.38523261	1.21944548	0.555376289	0.93266019	0.5767795	0.80007871			
mitogen-activated protein kina	NM_004834	9448	2q11.2	100178608	neg	1	1	2									0.99358461	0.32803483			0.99462	0.32803									
proprotein convertase subtilis	NM_000439	5122	5q15	94956830	neg	0	1	2	0.02596	1.86329202	0.24252	1.2639014	0.567013	0.93274458	0.49184566	0.94676946	0.54924265	0.98787075	0.40529335	0.97136506	0.40056	1.06783	0.26817189	1.14596534	0.16654782	1.24949995	0.26568483	1.44510582	0.248786	1.31942	0.39013904
sirtuin silent mating type infor	NM_012238	23411	10q21.3	68455644	pos	1	1	2	0.81246	0.60474316	0.06509	2.86649485	0.627309	0.58014328			0.93572755	0.53824537			0.9396	0.53825			0.212151726	3.43083687	0.29407455	2.37940631			
RD RNA-binding protein	NM_002904	7936	6p21.33	31981655	neg	1	1	2	0.31154	1.18498378	0.21417	1.33371377	0.55136	0.89748198	0.42031561	1.39046759	0.46818317	1.04786913	0.45365717	0.85468478	0.44069	1.07815	0.388395326	1.0940739	0.577768031	0.99360045	0.50398944	0.92886998	0.524024	0.82353	0.50134709
hypothetical protein BC013151	NM_138451	115811	12q24.13	112538527	neg	1	1	2	0.43754	1.05777386	0.05219	1.90812169	0.234684	1.70119433	0.22986973	1.36098943	0.42132223	1.07008772			0.41238	1.07009	0.523150549	1.00773898	0.554350882	0.96143087	0.40856297	1.1094332			0.99954129
chromosome 6 open reading fr	NM_133367	85315	6p12.2	52229008	neg	1	1	2									0.50946058	0.9333666			0.50313	0.93337									
POU domain, class 4, transcrip	NM_006237	5457	13q31.1	77140641	pos	1	1	2									0.72895218	0.76125331			0.72984	0.76125			0.381494277	1.13012503	0.48978123	0.93217893			
H4 histone family, member J	NM_003545	8367	6p22.2	26262444	neg	0	1	1	0.82664	0.77809136	0.86648	0.68065102	0.044978	1.37736915	0.86811803	0.75359399	0.30252657	1.16402124	0.29110237	1.16402124			0.531040373	1.00001334	0.71925999	0.61168858	0.67657675	0.73604174	0.52295	0.88048	0.7610662
prostate cancer overexpressed	NM_003627	8501	11q12.1	59645971	pos	1	1	2	0.05947	1.5219611	0.03132	1.90667124	0.475737	1.00607807	0.48915365	0.97343293	0.250149	1.10336256	0.36164166	1.06192427	0.23278	1.18958	0.198724176	1.14077814	0.4197926	1.02402024	0.24493596	1.32674572	0.435594	0.97557	0.3425057
A20-binding inhibitor of NF-ka	NM_024309	79155	4p16.3	2726122	neg	1	1	0	0.44794	1.03305924	0.88828	0.64810097	0.178583	2.24969557	0.49430129	0.85345464	0.65773761	0.88894862	0.28647466	1.43873745	0.76979	0.78494	0.481412605	1.01894245	0.272594827	1.27338481	0.45488341	1.02427697	0.245896	1.69157	0.3923975
interleukin 12 receptor, beta 2	NM_001559	3595	1p31.2	67733541	neg	0	1	2	0.71055	0.85653204	0.61409	0.88514796	0.794835	0.75280789	0.97483313	0.33873951	0.31224669	1.14623126	0.61555405	0.774136	0.26129	1.1917	0.333719959	1.11045931	0.489604598	0.78969775	0.45951835	1.05853567	0.584217	0.79533	0.60790726
RAB38, member RAS oncogen	NM_022337	23682	11q14.2	90169757	neg	0	1	2	0.80251	0.72732675	0.55693	0.92799924			0.92115099	0.27292363	0.54912072	0.94146143			0.54408	0.94146	0.25827755	1.19738862	0.263297495	1.20625031	0.24841215	1.34147598			0.46108872
solute carrier family 7 (cationic	NM_003045	6541	13q12.3	28068481	neg	1	1	2																							
chromosome 20 open reading	NM_018270	55257	20q13.33	61305282	neg	1	1	2	0.74919	0.80260608	0.52019	0.96553872	0.123413	1.66754915	0.16483889	1.30643781	0.42239126	1.059401	0.13790055	1.84579113	0.62992	0.90562	0.422425784	1.08509251	0.84181315	0.58734664	0.77472273	0.71686723	0.52212	0.85842	0.31812755
CCR4-NOT transcription comp	NM_014516	4849	19q13.42	55290789	neg	1	1	0	0.61491	0.85968683	0.18805	1.64117357					0.89048291	0.59556515			0.89461	0.59557	0.346572395	2.14119924	0.259678896	1.80039015	0.35762795	1.4969697			
three prime repair exonuclease	NM_080699	11219	Xq28	146847768	neg	1	1	2	0.60846	0.69532486	0.55698	0.91592719	0.319651	1.25664938	0.29668712	1.33453318	0.33185084	1.11870016	0.21855533	2.03260695	0.39376	1.0697	0.459068146	1.12542836	0.627181867	0.70877754	0.51839843	0.95146379	0.453686	0.91503	0.47006544
RAS, dexamethasone-induced	NM_016084	51655	17p11.2	17712736	neg	1	1	2	0.54246	0.96790697	0.32192	1.29844697	0.05496	1.48502115	0.51783411	0.93093382	0.51393459	0.73925287			0.50774	0.73925	0.364099272	1.1227714	0.252602216	1.2421582	0.4817385	0.99962082	0.248003	1.53725	0.3352634
H3 histone family, member D	NM_003532	8353	6p22.2	26282954	neg	0	1	2	0.87229	0.72943031	0.96436	0.51085149	0.247521	1.28447546	0.72061157	0.8179546	0.48241542	1.00445159	0.40588268	0.98232213	0.16544	1.26304	0.947903629	0.65432399	0.28520092	1.16821986	0.82632411	0.61990705	0.087548	1.7656	0.62035786
baculoviral IAP repeat-contain	NM_033341	112401	19q13.41	54438609	pos	0	1	2	0.92585	0.64794363	0.78795	0.72373068	0.031502	1.77659467	0.48466225	0.96031892	0.5198784	0.98936423	0.35543173	1.25291204	0.60155	0.91242	0.309551957	1.14321127	0.637534625	0.63813243	0.61214902	0.79950353	0.370333	1.17291	0.66639522
histone family member	NM_080596	85235	6p22.1	27172479	pos	1	1	0	0.93038	0.65110736	0.89761	0.62553659	0.060852	1.5697276	0.31273004	1.14350964	0.00812245	1.74526062	0.17156031	1.54958339	0.00996	1.80953	0.359384343	1.18126048	0.351952019	1.07115978	0.45335458	1.06751405	0.084152	2.09516	0.26230218
E2F-like protein	NM_016521	51270	Xq26.2	126996392	pos	1	1	2	0.94183	0.657629	0.98662	0.43687373	0.006702	1.59013901	0.21157244	1.22794402	0.88093958	0.77262133	0.001043	3.89501994	0.99899	0.46798	8.407E-07	2.29822441	0.792718725	0.56181753	0.42143315	1.08563632	0.803017	0.64235	0.04514378
hypothetical protein FLJ12788	NM_022492	64427	2p13.1	74847847	neg	1	1	2	0.22006	1.23042807	0.15842	1.37797535	0.491678	0.99935824	0.56274676	0.87687657	0.2069458	1.27983376	0.65262954	0.63896067	0.16106	1.34128	0.226738641	1.13223309	0.789341519	0.57823851	0.74447334	0.72422337	0.620786	0.73505	0.58859837
poliovirus receptor-related 1 (h	NM_002855	5818	11q23.3	121534920	neg	1	1	2			0.49401	0.98059072					0.54932379	0.9309627			0.54429	0.93096			0.389015696	1.13653282	0.48387056	0.93467139			
transcription elongation factor	NM_004780	9338	Xq22.2	98185675	pos	0	1	2			0.25573	1.7733156	0.13775	2.50239716	0.44845627	0.9782042	0.23957419	1.62669515			0.22761	1.6267									
protein phosphatase 2 (former	NM_014225	5518	19q13.41	53323813	pos	1	1	1	0.70203	0.85004219	0.52166	0.967201	0.591441	0.95560027	0.34963677	1.12431951	0.61522896	0.91815574	0.3216259	1.38857603	0.70211	0.83954	0.51773279	1.00710341	0.45738527	1.02555236	0.47842453	1.0552969	0.393977	1.04244	0.48644958
putatative 28 kDa protein	NM_020143	56902	2p14	68518694	pos	1	1	2	0.2684	1.24683938	0.14974	1.47116402	0.469626	1.01249609	0.2004379	1.28443065	0.66059889	0.88738009	0.42557012	0.91454279	0.64574	0.87156	0.229337269	1.21873977	0.366818746	1.15771984	0.49206363	0.96271153	0.565428	0.70754	0.5201562
protein kinase, cGMP-depende	NM_006258	5592	10q11.23	51677884	neg	1	1	2	0.53415	0.97055691	0.10245	1.64804527	0.536801	0.95465226	0.30088997	1.26571689	0.5883018	0.92111481			0.58458	0.92111	0.120596813	1.51088984	0.395361398	1.01243068	0.42838282	1.0966811	0.36486	1.16499	0.4331301
farnesyltransferase, CAAX box	NM_002028	2342	14q23.3	62781033	pos	0	1	1									0.29532767	1.34228983			0.28381	1.34229									
glucosamine-6-phosphate isor	NM_138335	132789	4p13	44778002	pos	1	1	2	0.5176	0.98475746	0.1576	1.42875235	0.707362	0.8951643	0.59092777	0.8536927	0.62619288	0.9053599	0.46051394	0.78830916	0.6198	0.90756	0.378064071	1.13930047	0.612363619	0.69203726	0.6916037	0.72826479	0.56383	0.77206	0.78331012
junctional adhesion molecule 3	NM_031470	83700	11q25	136436054	neg	1	1	0			0.12123	7.36625					0.82741137	0.67240516			0.83078	0.67241			0.129535237	3.19236126	0.11993164	3.7254902	0.057535	13.3412	
KIAA0475 gene product	NM_014864	9917	1q25.2	176519366	pos	1	1	0	0.55152	0.95769545	0.11113	1.57365772	0.360158	1.10449218	0.32013558	1.20611089	0.39921835	1.02450509	0.3884275	1.02489433	0.51038	0.97438	0.266525519	1.18475181	0.170908891	1.2929457	0.37568845	1.18807119	0.14928	1.91629	0.50722326
kelch-like protein KLHL6	NM_130446	89857	3q27.1	179980697	neg	0	1	0																							
acyl-Coenzyme A dehydrogena	NM_014384	27034	11q25	136620480	neg	1	1	2	0.22956	1.40206974	0.05622	2.12375184	0.49192	0.97540745	0.39997267	1.23056451	0.6038336	0.73578911			0.60063	0.73579	0.371460782	1.2003165	0.546378331	0.75198322	0.55620736	0.6083153			0.50206466
CD2-associated protein	NM_012120	23607	6p12.3	47447998	pos	1	1	2									0.22272157	1.55391374			0.21074	1.55391									
baculoviral IAP repeat-contain	NM_001167	331	Xq25	117737165	pos	1	1	0			0.4129	1.16280193	0.243888	1.89164978			0.51697181	0.99854656			0.48912	0.99855			0.392367845	1.00079741	0.48303282	0.96218247			
polymerase (DNA directed) iota	NM_007195	11201	18q21.2	51966538	pos	1	1	1	0.80525	0.79950707	0.87045	0.67784071	0.05608	1.44105839	0.84021838	0.8126209	0.15452666	1.28958335	0.14319325	1.28958828	0.49996	0.99308	0.659133735	0.95597414	0.941863024	0.39435845	0.76516179	0.57876414	0.938454	0.46294	0.9228644
hypothetical protein FLJ22127	NM_022775	64790	22q11.21	17014394	neg	0	1	2	0.84934	0.74097863	0.76889	0.76464989	0.010074	1.76307429	0.10862207	1.30852365	0.88719662	0.68467481	0.21296659	1.5557098	0.97776	0.4767	0.25746569	1.22802875	0.230090234	1.17640894	0.56263206	0.86061943	0.115198	1.51677	0.36387799
SEC10-like 1 (S. cerevisiae)	NM_006544	10640	14q23.1	54999343	pos	1	1	2	0.59692	0.88080797	0.0805	2.43561254	0.275427	1.46202164			0.79928794	0.61902256			0.80207	0.61902	0.263610534	1.98223567	0.38278462	1.10597954	0.50745516	0.82251082			
double-stranded RNA specific	NM_018702	55523	10p15.3	1204367	neg	0	1	2	0.10915	1.40050037	0.06034	1.73771536	0.039248	1.35225571	0.20080421	1.16017777	0.17299252	1.27005701	0.58941499	0.74125092	0.14738	1.29384	0.067302927	1.26488352	0.027849878	1.71000394	0.08559719	1.815993	0.011344	3.06489	0.1443407
molybdenum cofactor sulfuras	NM_017947	55034	18q12.2	33797405	neg	1	1	2									0.5615746	0.89790612			0.55695	0.89791									
cyclin M4	NM_020184	26504	2q11.2	95298382	neg	0	1	2									0.63760645	0.81351853			0.63555	0.81352			0.375191513	1.16952136	0.48301959	0.98958333			
guanine nucleotide binding pro	NM_002071	2774	18p11.21	11973989	neg	1	1	2									0.95943169	0.45057096			0.96269	0.45057			0.885679244	0.37420458	0.88594006	0.47085764			
BarH-like 1 (Drosophila)	NM_020064	56751	9q34.13	126482998	neg	1	1	2									0.72089587	0.73578911			0.72154	0.73579									
keratin, hair, basic, 5	NM_002283	3891	12q13.13	52888913	neg	0	1	2	0.97009	0.55802772	0.82238	0.70219966	0.724472	0.79698846	0.25412318	1.26249922	0.46214272	1.02247438	0.30134001	1.16169529	0.62502	0.91988	0.311324286	1.23423971	0.441494803	1.04825687	0.43691721	1.50025974	0.355211	1.07911	0.46317244
type 1 tumor necrosis factor re	NM_016442	51752	5q15	95326927	neg	1	1	2	0.00159	2.33355577	0.14103	1.40602865	0.261082	1.09355091	0.00061913	1.65443366	0.84255894	0.8583083	0.44607128	0.97232201	0.90918	0.74844	7.20911E-07	2.06776372	0.405058382	1.03345459	0.15203864	1.42109361	0.995618	0.21402	0.98201043
serine protease inhibitor, Kuni	NM_021102	10653	19q13.2	39369772	pos	1	1	1																							
slingshot 1	NM_018984	54434	12q24.11	108286025	neg	1	1	2	0.90778	0.69397962	0.97165	0.50158807	0.03538	1.40081934	0.97885429	0.69271928	0.16405683	1.18165497	0.09592609	1.36897303	0.42314	1.04377	0.419848711	1.04955598	0.963662126	0.44113123	0.92819765	0.54936357	0.793362	0.65699	0.91866481
hypothetical protein FLJ21977	NM_032213	84173	2p11.2	85479490	neg	0	1	0	0.69795	0.83997632	0.83786	0.67761719	0.438313	1.0523972	0.7452833	0.63749521	0.40908973	1.07814636			0.39982	1.07815	0.507403935	1.0207421	0.533773788	0.83824727	0.51838218	0.94744918	0.531559	0.7549	0.51782204
protein tyrosine phosphatase,	NM_003625	8499	12q21.31	81546793	pos	0	1	2									0.53465451	0.95691789			0.52914	0.95692									
SRY (sex determining region Y	NM_000346	6662	17q24.3	69873536	pos	1	1	2									0.93295504	0.49018095			0.93687	0.49018									
hypothetical protein MGC3279	NM_024027	78989	2p25.3	3120413	neg	1	1	2	0.0018	2.33689994	0.01933	2.06180373	0.147951	1.26565797	0.09616972	1.71011648	0.66375325	0.92569654	0.97834151	0.47746455	0.24483	1.1585	0.717812671	0.93368217	0.026616372	1.75871828	0.0830737	2.2044772	0.030988	2.09531	0.21202272
sphingosine-1-phosphatase	NM_030791	81537	14q23.2	61479299	neg	1	1	2			0.36505	1.19697755					0.67561942	0.84841949			0.67483	0.84842			0.974691767	0.08737003	0.61864685	0.79545455	0.527065	0.59893	0.39569641
chromosome 20 open reading	NM_017874	54976	20p13	3722216	neg	1	1	2	0.08365	1.45269448	0.0669	1.65513003	0.385109	1.04593367	0.38277292	1.1663764	0.49666044	1.00284539	0.62122654	0.66817638	0.47925	1.00589	0.212171339	1.12854305	0.636202902	0.69507749	0.64913889	0.79831933	0.562147	0.7798	0.38683067
KIAA0644 gene product	NM_014817	9865	7p15.1	28635455	neg	1	1	2	0.26673	1.20298266	0.16922	1.38771791	0.160362	1.23664342	0.12140308	1.70433947	0.08397437	1.38285854	0.23708434	1.29888905	0.10251	1.43699	0.507907434	1.01042823	0.000307256	3.64848562	0.00470506	3.94237946	0.000624	7.65153	0.0657081
chitobiase, di-N-acetyl-	NM_004388	1486	1p22.3	85516859	neg	1	1	2																							
mutY homolog (E. coli)	NM_012222	4595	1p34.1	45522256	neg	1	1	2	0.42616	1.08511892	0.49252	0.99219915	0.677175	0.88766289	0.61423618	0.83082438	0.18363474	1.32552064	0.51045719	0.73204229	0.17163	1.32601	0.689884523	0.9030619	0.596197134	0.71576312	0.51921531	0.93151828	0.67864	0.64862	0.65514722
neuro-oncological ventral anti	NM_002516	4858	19q13.32	47086616	pos	1	1	2									0.56256421	0.81553092			0.55797	0.81553									
KIAA1012 protein	NM_014939	22878	18q12.1	29433133	pos	1	1	2									0.57545379	0.71689937			0.57129	0.7169									
FEV protein	NM_017521	54738	2q35	217861616	neg	1	1	2	0.26667	1.17806912	0.404	1.06849042	0.664017	0.91754546	0.18243704	1.26247945	0.59521191	0.95267776	0.9570387	0.50611506	0.21419	1.215	0.456258547	1.02967344	0.040183522	1.4526489	0.00878882	2.94313396	0.08621	1.6089	0.02211728
CGI-92 protein	NM_016035	51117	9q34.11	122199515	neg	0	1	2	0.66402	0.89141173	0.78436	0.75952975	0.066318	1.32313483	0.72372017	0.85415486	0.45693177	1.02515549	0.49719207	0.85620575	0.44896	1.02517	0.631143348	0.95083821	0.849800247	0.54746099	0.71715848	0.7421875	0.81368	0.58319	0.73530667
hypothetical protein BC009925	NM_138425	113246	12p13.31	6920496	neg	0	1	2	0.85882	0.69967223	0.68587	0.8169943	0.333879	1.14589228	0.43918574	1.09519185	0.1969154	1.31514777	0.5010191	0.64420286	0.18503	1.31515	0.721373588	0.75015905	0.423525677	1.05657984	0.41778267	1.13323713	0.380969	1.06637	0.35916486
inositol(myo)-1(or 4)-monopho	NM_014214	3613	18p11.21	12247702	neg	1	1	2			0.49958	0.96733092					0.89172688	0.56595415			0.89586	0.56595			0.364881546	1.18373076	0.43712201	1.26272788			
bone morphogenetic protein 3	NM_001201	651	4q21.21	81849153	pos	1	1	2	0.36234	1.09376026	0.78163	0.76203276	0.144923	1.17368183	0.00601933	1.53672451	0.54686765	0.98153681	0.02190103	1.70593344	0.9753	0.62437	0.00344749	1.50937651	0.252147573	1.18124612	0.17758688	1.36729626	0.9031	0.53233	0.23329051
CCR4-NOT transcription comp	NM_014515	4848	12q15	70543751	neg	1	1	0	0.19947	1.27220148	0.23636	1.2652439	0.578937	0.95463772	0.22092386	1.46832515	0.59816078	0.93731701	0.34793414	1.17702448	0.74107	0.79533	0.299519864	1.1136297	0.317875482	1.16111037	0.3572537	1.2281326	0.603386	0.75314	0.54766307
eNOS interacting protein	NM_015953	51070	19q13.33	50717300	neg	0	1	2	0.92092	0.6352016	0.65761	0.83027722	0.627957	0.88727264	0.28952582	1.24619358	0.78124645	0.77836569	0.55659538	0.56105652	0.781	0.77995	0.767718855	0.82328097	0.559731421	0.74241844	0.55617665	0.86820587	0.595607	0.70727	0.52716266
UBX domain-containing 1	NM_025241	80700	19p13.3	4537394	neg	0	1	0	0.48861	1.00626463	0.39834	1.07295293	0.195051	1.17067769	0.28296805	1.11026813	0.49944556	1.0033922	0.85922727	0.58760897	0.32226	1.09798	0.192151398	1.13981021	0.298381651	1.14111657	0.77769597	0.74417646	0.285814	1.14937	0.51394202
MCM6 minichromosome maint	NM_005915	4175	2q21.3	134252889	neg	1	1	2	0.90275	0.6918908	0.73191	0.8036757	0.065378	1.36367078	0.97080007	0.63225128	0.34467632	1.10031843	0.10659489	1.62291694	0.63554	0.91009	0.973463187	0.70909729	0.81157241	0.48369119	0.50770661	0.79592103	0.737011	0.68982	0.64601146
hypothetical protein MGC1415	NM_032906	84992	4q22.1	89599554	pos	1	1	2	0.31107	1.22624539	0.15517	1.59257703	0.159725	1.70288363	0.45220516	0.98109505	0.7000629	0.82961276			0.70006	0.82961	0.313467789	1.29122064	0.564617292	0.86262571	0.48507046	0.96816378			0.30209906
hypothetical protein FLJ20559	NM_017881	54981	9q21.13	68720440	pos	1	1	2									0.80598643	0.65786612			0.80892	0.65787									

TATA element modulatory fact	NM 007114	7110	3p14.1	67611442	pos	0	1	2	0.4525	1.05840717	0.17773	1.44901088	0.45303	1.03991584	0.25894237	1.32830878	0.88004422	0.65384132			0.88411	0.65384	0.142783207	3.39802239	0.632995296	0.54706427	0.74973981	0.54210941			0.61615187
cathepsin L2	NM 001333	1515	9q22.33	90620100	neg	1	1	1	0.35549	1.10994075	0.18883	1.36310177	0.471546	1.01160483	0.87556449	0.33511444	0.45034809	1.043444	0.54817823	0.7533424	0.43574	1.04886	0.605178356	0.96825807	0.569041691	0.98560772	0.36323176	1.16454503			0.33569999
cellular retinoic acid binding p	NM 001878	1382	1q23.1	154538536	neg	0	1	2									0.99821576	0.24546357			0.9986	0.24546									
low density lipoprotein-related	NM 002332	4035	#N/A	#N/A		1	1	2									0.75766289	0.67955421			0.75938	0.67955			0.540539001	0.66743737	0.55288396	0.55888556			
membrane component, chrom	NM 031858	4077	17q21.31	41068954	neg	0	1	2	0.74055	0.7994644	0.36959	1.11390504	0.31889	1.11395475	0.34641102	1.25493207	0.63086791	0.92823463	0.36168628	1.14053316	0.75415	0.82108	0.344589875	1.12885472	0.631972452	0.67613908	0.55521748	0.87644596	0.469462	0.8604	0.51708246
KIAA0196 gene product	NM 014846	9897	8q24.13	125060456	neg	1	1	2	0.31104	1.18159905	0.10833	1.58656379	0.453807	1.02285568	0.20030129	1.27235572	0.47575077	1.02069378			0.46836	1.02069	0.482219766	1.02587278	0.496743944	0.58976285	0.56844694	0.65339645	0.512817	0.77691	0.3309102
mitochondrial ribosomal prote	NM 007208	11222	3q22.1	128092744	pos	1	1	2	0.54688	0.94154775	0.12977	1.78775046	0.503522	0.98727576	0.39005938	1.06405929	0.39069313	1.12950592	0.33782135	1.22737615	0.52832	0.9512	0.523416688	1.00685067	0.569872282	0.67307522	0.6500267	0.71350336			0.54737822
hypothetical protein	NM 014306	51493	22q12.3	29479613	pos	0	1	2	0.95154	0.55875662	0.82862	0.62436937	0.590519	0.87051399	0.89542164	0.31549377	0.5180951	0.97693698			0.51204	0.97694	0.56066199	0.95130462	0.519696058	0.71602611	0.64606921	0.62510823	0.487214	0.83907	0.5538527
hypothetical protein FLJ23209	NM 024895	79955	10q24.31	101670291	neg	0	1	2	0.20025	1.25265121	0.41639	1.05738542	0.734773	0.89249392	0.81111721	0.77741476	0.81052549	0.76939781	0.6056177	0.68858964	0.80338	0.7734	0.17564328	1.1568537	0.598331113	0.92994652	0.32320819	1.2279739	0.681637	0.71211	0.32420824
signal peptidase 12kDa	NM 014041	28972	3p21.31	51832106	neg	1	1	2	0.16295	1.31601748	0.03408	1.92766938	0.636404	0.92223328	0.71501018	0.82033145	0.73054685	0.83547411			0.73148	0.83547	0.16702534	1.16672326	0.210078919	1.53046231	0.25289947	1.52987013	0.487304	0.8604	0.46449503
serologically defined colon ca	NM 005869	10283	5q12.3	64222655	pos	0	1	2	0.30715	1.21243635	0.34831	1.17839506	0.404579	1.11840431			0.70903678	0.79882363			0.70931	0.79882			0.567163242	0.68376384	0.50533925	0.56357223			
spermatogenesis associated 6	NM 019073	54558	1p33	48388922	pos	1	1	2									0.56205243	0.85706473			0.55744	0.85706									
dihydrofolate reductase	NM 000791	1719	5q14.1	78744022	pos	0	1	2									0.68498777	0.76265026			0.6845	0.76265									
interleukin 6 signal transducer	NM 002184	3572	5q11.2	55398779	neg	1	1	2	0.11921	1.39068381	0.03302	1.89394225	0.726545	0.8701331	0.08822286	2.58608412	0.51469117	0.99704114	0.53167224	0.53024531	0.49203	0.99723	0.231718202	1.13849866	0.382521453	1.05490109	0.40549523	1.21853455	0.527869	0.85053	0.44139474
ADP-ribosyltransferase (NAD+	NM 005485	10039	3p21.31	51069451	neg	1	1	2	0.2351	1.2297425	0.12762	1.44591529	0.500725	0.99555864	0.28683603	1.09543463	0.32793762	1.12055778	0.63433818	0.66791865	0.28848	1.14583	0.317366996	1.09556176	0.958452117	0.37077506	0.94607708	0.50179705	0.651464	0.72601	0.24508688
v-ets erythroblastosis virus E2	NM 005238	2113	11q24.3	130332676	pos	1	1	2																							
nuclear factor of kappa light p	NM 020529	4792	14q13.2	33248777	pos	1	1	2																							
VRK3 for vaccinia related kina	NM 016440	51231	19q13.33	51138056	neg	1	1	1	0.50701	0.99181198	0.34935	1.14813182	0.214133	1.33349217	0.78841581	0.55124229	0.51889235	0.97826686			0.51286	0.97827	0.529149512	1.00361445	0.386323519	1.02463414	0.52665357	0.86951144			0.54215659
glucagon-like peptide 1 recept	NM 002062	2740	6p21.2	39018806	pos	1	1	2																							
G protein-coupled receptor 92	NM 020400	57121	12p13.31	6709229	neg	1	1	1	0.91694	0.68030339	0.94971	0.5559036	0.024939	1.46254059	0.99999845	0.38395044	0.58278981	0.99221619	0.40456062	0.99036606	0.42551	1.03749	0.442114349	1.03671096	0.171592221	1.1417398	0.28195527	1.53446912	0.014359	2.48674	0.30182503
cullin 5	NM 003478	8065	11q22.3	110074028	pos	1	1	2	0.62628	0.89921543	0.25469	1.26805566	0.095991	1.42390166	0.4282332	1.0675042	0.78699849	0.78303394	0.53607571	0.50202243	0.78863	0.78359	0.453145371	1.07702648	0.586333306	0.53302712	0.69660749	0.53194993	0.50118	0.80908	0.3841561
leucine-rich repeat protein, ne	NM 002319	4034	7q22.1	98704627	neg	1	1	2	0.43268	1.04839505	0.23595	1.26552688	0.408857	1.07913458			0.37936254	1.09203255	0.59733315	0.63315746	0.3548	1.10441	0.205155241	1.19739856	0.39182749	1.01624063	0.47100554	1.08982684	0.612698	0.71539	0.45419491
protein x 0004	NM 016301	51184	12q24.11	109914142	neg	1	1	2	0.87431	0.71665847	0.84034	0.60419301	0.060822	2.22710003	0.0083904	1.93685375	0.89562333	0.77441963	0.00381926	2.35036191	0.99992	0.38243	0.059517349	1.74899259	0.271496767	1.21134294	0.04075495	2.01178451	0.973478	0.37063	0.00014872
gap junction protein, beta 3, 31	NM 024009	2707	1p34.3	35070554	neg	1	1	0	0.50054	0.9982462	0.1778	1.39201534	0.259607	1.14903794	0.2889184	1.28223622	0.83001731	0.73743015	0.4859961	0.76674462	0.83328	0.73738	0.359603751	1.10858173	0.36843217	1.2164572	0.43149288	1.26164796	0.635521	0.67162	0.45804137
R3H domain (binds single-stra	NM 015361	23518	2q21.3	133933939	neg	1	1	1	0.20343	1.37307191	0.06027	2.09139021	0.556463	0.90993421			0.93170736	0.57843412			0.93564	0.57843			0.568033016	0.82677074	0.50589691	0.88364338	0.461229	0.88812	
fibroblast growth factor 10	NM 004465	2255	5p12	44614067	pos	0	1	2	0.04528	1.64539436	0.22819	1.28097462	0.011847	1.71056056	0.02071209	1.85571209	0.504441	1.00108308	0.42558819	0.91921838	0.45809	1.02536	0.115848027	1.26256444	0.006706893	2.68352762	0.04898086	3.85636222	0.007131	3.67421	0.05712958
hypothetical protein FLJ10583	NM 018148	55180	15q26.3	97795401	neg	0	1	0	0.02683	1.69438294	0.19868	1.30382254	0.922512	0.80400641	0.29631318	1.32403973	0.24068784	1.17822252	0.43201487	0.47455934	0.22582	1.18099	0.34673522	1.06654831	0.828603491	0.48527696	0.45373603	1.04948785	0.864522	0.55392	0.77343872
solute carrier family 4, anion e	NM 003040	6522	7q36.1	149003375	neg	1	1	1									0.99479798	0.30180046			0.99569	0.3018									
mitogen-activated protein kina	NM 002419	4296	11q13.1	67881031	neg	0	1	0									0.97490665	0.31493972			0.97745	0.31494									
ubiquitin specific protease 2	NM 004205	9099	11q23.3	121226444	neg	1	1	1	0.65634	0.86179156	0.32055	1.20461409	0.294992	1.25715105	0.36739452	1.09925777	0.79028022	0.68204405			0.79285	0.68204			0.57308452	0.7464334	0.48566718	0.8381777	0.520481	0.76364	0.53200172
cytochrome c oxidase subunit	NM 001867	1350	5q14.3	84829567	pos	0	1	1			0.64222	0.71288344			0.66068698	0.33305856	0.50948476	0.98587649			0.50315	0.98588			0.543255302	0.83722689	0.56984151	0.70827321			
serum response factor (c-fos s	NM 003131	6722	6p21.1	43141115	neg	0	1	2	0.52055	0.97713184	0.10536	1.63502315	0.128553	2.23268691			0.75008992	0.79566186			0.7516	0.79566	0.252396488	1.54507296	0.31830449	1.22210809	0.40510732	1.18142464			0.4609052
antigen identified by monoclo	NM 005944	4345	3q13.2	108834730	neg	1	1	2	0.70322	0.8647432	0.56519	0.9348463	0.051047	1.36817457			0.38300118	1.07200952	0.19513475	1.32130729	0.62841	0.91032	0.833266205	0.86185587	0.69877532	0.60456042	0.51180924	0.61735152	0.587262	0.83497	0.87331809
SNRPN upstream reading fram	NM 022804	8926	15q11.2	21403544	neg	1	1	2			0.5523	0.92008745					0.7828092	0.72542835			0.78519	0.72543			0.747455188	0.35809484	0.59373413	0.38803938	0.673248	0.5615	
SUMO-1 activating enzyme sul	NM 005499	10054	19q13.11	35536860	neg	1	1	2	0.24102	1.20450957	0.09084	1.56142715	0.479179	1.00460279	0.57142619	0.8956133	0.52747106	0.85603553			0.52172	0.85604	0.316998803	1.08256506	0.724436883	0.57236144	0.61889059	0.73005806	0.633448	0.762	0.49105026
origin recognition complex, su	NM 002552	5000	2q23.2	146428480	pos	0	1	0			0.23184	1.53843434					0.99854338	0.35298698			0.99887	0.35299			0.420307651	1.2466685	0.4359024	1.95014663	0.460112	0.88812	
nischarin	NM 007184	11188	3p21.31	51582002	neg	1	1	2									0.85069976	0.56199652			0.85446	0.562			0.497666401	0.2091813	0.56467098	0.23104237			
hypothetical protein BC007653	NM 138392	92799	19q13.2	41722286	pos	0	1	2	0.94832	0.50938954	0.55615	0.78388889					0.86345775	0.71707313			0.86738	0.71707			0.738593746	0.60444177	0.67407129	0.77996716			0.45311797
GDP dissociation inhibitor 1	NM 001493	2664	Xq28	147728808	neg	1	1	2									0.88572634	0.60835646			0.88983	0.60836			0.987137812	0.26333729	0.99024028	0.35371738	0.622949	0.54437	
spinocerebellar ataxia 1 (olivo	NM 000332	6310	6p22.3	16356981	pos	1	1	2																							
chondroitin 4-sulfotransferase	NM 018413	50515	12q23.3	103979826	pos	1	1	2									0.93615746	0.54814214			0.94002	0.54814			0.54892982	0.51713072	0.71809451	0.43695887			
hypothetical protein FLJ10659	NM_018171	55198	12q23.3	104701909	pos	1	1	2									0.66182356	0.82759347			0.66058	0.82759			0.564844733	0.90976689	0.53753413	0.75229648			
NPD007 protein	NM 020684	57414	7q11.23	74043816	neg	1	1	2									0.83744739	0.53584586			0.841	0.53585									
glycine cleavage system prote	NM 004483	2653	16q23.2	72048173	neg	1	1	2																							
eukaryotic translation initiatio	NM 003750	8661	10q26.11	119713272	neg	1	1	2																							
AD023 protein	NM 020679	57409	17q25.1	73259564	neg	1	1	2																							
testis enhanced gene transcrip	NM 003217	7009	12q13.12	50367503	pos	0	1	0			0.42988	1.09967228			0.60313374	0.59391028	0.85883432	0.59941875			0.8627	0.59942			0.923139877	0.20220259	0.58515941	0.6010656	0.239819	3.37647	
chromosome 20 open reading	NM 080621	140700	20q13.33	62484339	neg	1	1	1									0.96615987	0.45471535			0.96915	0.45472									
H-rev107-like protein 5	NM 054108	117245	11q12.3	65743273	pos	1	1	2	0.46006	1.03918514	0.22239	1.35085175	0.563264	0.91571531	0.41422313	1.030848	0.53461902	0.88806989			0.5291	0.88807	0.430642762	1.15063655	0.336426015	1.22478715	0.99791055	0.16595937	0.001152	7.58021	0.44681491
chromosome 19 open reading	NM_018174	55201	19p13.11	18324184	neg	0	1	0	0.82842	0.71414549	0.44832	1.04328317	0.166421	1.53032318	0.38825421	1.10732598	0.48058462	1.01390571	0.36216837	1.09612081	0.6369	0.88791	0.294449012	1.42481611	0.638285644	0.76009172	0.55286844	0.8963259	0.409759	1.01818	
hypothetical protein MGC4400	NM 032679	84765	19q13.33	53005039	neg	1	1	2																							
opioid receptor, mu 1	NM 000914	4988	6q25.2	153921575	pos	1	1	2	5.4E-06	5.43422256	0.0038	2.89797932	0.203854	1.2352808	0.03390219	2.32252071	0.1701461	1.13059062	0.37278623	1.04567137	0.05829	1.52934	0.000285789	2.00394967	0.343921873	1.15931128	0.96466451	0.37400402	0.019996	2.90294	0.10258417
succinate dehydrogenase com	NM 003001	6391	1q23.3	158995595	neg	0	1	2	0.97349	0.5140602	0.8277	0.69348684	0.425277	1.05694858	0.4476274	0.99652536	0.81934381	0.61928232	0.51963538	0.75605198	0.82239	0.61825	0.582507656	0.97566522	0.843247172	0.37170889	0.73116068	0.52141311	0.909323	0.3606	0.55364784
Parkinson disease (autosomal	NM 004562	5071	6q26	161122970	pos	1	1	2	0.21629	1.24473542	0.04376	1.79862426	0.79752	0.84783857	0.71020167	0.82921631	0.82614922	0.72238005	0.71308495	0.54457285	0.79282	0.74539	0.397169775	1.05040295	0.355372238	1.09840575	0.35255865	1.27067377	0.649558	0.71256	0.3806555
hypocretin (orexin) receptor 1	NM 001525	3061	1p35.1	31859185	pos	0	1	2	0.77502	0.77604613	0.76715	0.72773122	0.268492	1.35900777	0.21624801	1.2824396	0.75764593	0.82170882	0.3533167	1.14475531	0.94303	0.49699	0.181963266	1.39737576	0.386794874	1.55740725	0.45323955	1.56721657	0.5422	0.80502	0.68995961
glutamate dehydrogenase 1	NM 005271	2746	10q23.2	87691826	neg	1	1	2	0.81437	0.75831767	0.58029	0.91671642	0.666281	0.88313817	0.46085881	0.97932196	0.51013411	0.99314385			0.49618	0.99314	0.304804874	1.14078062	0.764811957	0.56934963	0.79684486	0.63973064	0.591284	0.70275	0.44578366
peroxisomal long-chain acyl-c	NM 006821	10965	14q24.3	71540802	neg	1	1	0									0.99159964	0.37413862			0.99286	0.37414									
PXR2b protein	NM_016559	51555	3q26.33	176273261	pos	1	1	2									0.99763525	0.23002368			0.99812	0.23002									
H3 histone family, member K	NM 003536	8357	3q12.1	96368332	neg	1	1	2			0.27455	1.66					0.33369786	1.22324563			0.32277	1.22325			0.643025705	0.5134933	0.83115674	0.42939903			
nuclear receptor binding prote	NM 013392	29959	2p23.3	27572834	neg	1	1	2	0.26435	1.21268468	0.66344	0.82301103	0.131413	1.43392791	0.46734618	0.96909313	0.83941021	0.70626232			0.84299	0.70626	0.309869789	1.11582863	0.567965027	0.8884572	0.48680872	0.95411255	0.443352	0.95112	0.44712246
GTP binding protein overexpre	NM 005261	2669	8q22.1	94007719	neg	1	1	2	0.25781	1.22710324	0.08677	1.63143116	0.500531	0.9945506	0.57892669	0.84132424	0.55226115	0.92580901	0.66649059	0.2757589	0.48948	0.98264	0.458138489	1.05698476	0.571244856	0.94086449	0.52498418	0.77876025	0.52578	0.7934	0.55952662
hypothetical protein BC012331	NM 138446	115416	7p15.3	22981421	neg	1	1	2									0.60802177	0.89887842			0.60496	0.89888									
cytochrome P450, subfamily X	NM 000782	1591	20q13.2	52498416	pos	1	1	2	0.05316	1.5657551	0.10165	1.52318542	0.697125	0.90826089	0.24707727	1.16058707	0.60635921	0.92696364	0.6642572	0.66781101	0.55539	0.95852	0.304076645	1.08955677	0.155263731	1.37706843	0.6626788	0.84265394	0.026517	2.2598	0.01426932
DnaJ (Hsp40) homolog, subfar	NM 001539	3301	9p21.1	33337524	pos	1	1	1									0.98780042	0.3449838			0.98943	0.34498									
protein phosphatase 1, regulat	NM 032833	84919	1q32.1	202101098	neg	1	1	2	0.53305	0.96505033	0.20594	1.42265886	0.583912	0.93311833	0.37875601	1.191201	0.77569362	0.76935759			0.7779	0.76936	0.354678107	1.33619973	0.349978629	1.12227148	0.44573648	1.08225108			0.57255135
potassium channel, subfamily	NM 021161	54207	14q31.3	86156727	pos	0	1	2									0.95950647	0.22471948			0.96276	0.22472									
CGI-78 protein	NM_016022	51107	1q21.2	147888918	pos	1	1	2	0.27299	1.19947187	0.12246	1.48046812	0.642532	0.92602988	0.81684977	0.43702537	0.8049124	0.756695	0.63036086	0.67548386	0.79101	0.76358	0.234221106	1.16000124	0.566905512	0.90843228	0.46437421	1.11234797	0.42507	0.98824	0.21089795
H2B histone family, member E	NM 003521	8342	3q12.1	96373314	neg	1	1	2	0.21856	1.22829172	0.49657	0.98958333	0.033599	1.423835	0.38118714	1.09822143	0.02454656	1.49489382	0.14586779	1.44139011	0.03929	1.52086	0.082640798	1.32624496	0.247007023	1.09570736	0.27177906	1.35779564	0.063461	2.60504	0.24836373
tubby homolog (mouse)	NM 003320	7275	11p15.4	8828801	pos	1	1	0	0.64407	0.89767645	0.38036	1.09744444	0.140289	1.30372012	0.03075092	1.68628514	0.63778064	0.96844354	0.40189129	0.97617789	0.64105	0.89665	0.564973903	0.98296423	0.001008404	3.25922439	0.01564036	3.30556236	0.00231	5.02852	0.35463732
RB1-inducible coiled-coil 1	NM 014781	9821	8q11.23	52817789	neg	0	1	2																							
MAX dimerization protein	NM 002357	4084	2p13.3	70151693	neg	1	1	1	0.32094	1.14392954	0.28062	1.20359629	0.561285	0.93629396	0.57774921	0.87935795	0.62637648	0.91362079	0.43893593	0.92614496	0.60947	0.90756	0.999916682	0.45195843	0.224784859	1.42637633	0.24553994	1.52099224			0.69225768
chromosome 20 open reading	NM 024893	79953	20p11.21	24437891	neg	1	1	2	0.02337	2.19552366	0.26755	1.24614325	0.130865	1.87212995	0.30508818	1.16595248							0.025843391	1.42562373	0.000252615	4.42124082	0.00138642	5.74900794	0.005366	5.55882	0.02654348
dihydropyrimidinase-like 2	NM 001386	1808	8p21.2	26208361	pos	1	1	1	0.91846	0.66123604	0.83911	0.69818065	0.232985	1.14216308	0.0994856	1.29708264	0.61412441	0.90251065	0.55222816	0.83658499	0.60138	0.90778	0.394158514	1.06489827	0.404471777	1.02738922	0.20693206	1.34907149	0.624356	0.79265	0.54919159
phosphodiesterase 3B, cGMP-	NM 000922	5140	11p15.2	15846642	pos	1	1	2									0.76281039	0.59663069			0.76467	0.59663									
hypothetical protein	NM 019099	55924	1p13.2	112685295	pos	1	1	1	0.42999	1.08661141	0.1524	1.7154703					0.9603545	0.50561869			0.96358	0.50562			0.26375144	1.59035421	0.33571914	1.51416765			
diaphanous homolog 1 (Droso	NM 005219	1729	5q31.3	140712856	neg	1	1	0	0.26383	1.26845561	0.01778	2.43418129	0.109261	1.59171172			0.76185777	0.78359011			0.76369	0.78359	0.301028265	1.17218139	0.544477576	0.82282363	0.57361476	0.85933967	0.434939	0.9682	0.29053438
hypothetical protein FLJ21777	NM 032209	84169	16p13.13	11619103	neg	0	1	2	0.94565	0.59451175	0.80329	0.72512092	0.199244	1.34185027	0.6626427	0.81667248	0.87237059	0.70688624			0.87638	0.70689	0.44283809	1.073332	0.931970746	0.33098978	0.93376578	0.41768128	0.504433	0.89216	0.39051315
likely ortholog of maternal em	NM_014791	9833	9p13.2	36885083	pos	1	1	2	0.89126	0.70480292	0.39781	1.07686314	0.141318	1.24709092	0.17072348	1.37974493	0.73998142	0.85133787	0.33483138	1.18328147	0.88105	0.68506	0.895792013	0.80514234	0.752535169	0.57660318	0.66218287	0.74025974	0.722593	0.6546	0.78334793
solute carrier family 26, memb	NM 000441	5172	7q22.3	105784978	neg	0	1	2	0.6984	0.8110919	0.66605	0.83414482	0.161157	1.36440837	0.12889212	1.57214975	0.6270722	0.88496797			0.62466	0.88497	0.373596395	1.31850416	0.354502971	1.1270148	0.34268235	1.33524484	0.398908	1.04025	0.15693193
GASZ	NM 130768	136991	7q31.2	115481109	neg	1	1	2	0.60106	0.9322485	0.84104	0.69979754	0.178159	1.18358544	0.20370374	1.20372573	0.3510672	1.04118026	0.36590566	1.03821272	0.4072	1.05348	0.326717684	1.09913784	0.56187708	0.81976934	0.42974841	1.05555556			0.68233408
similar to RIKEN cDNA 493342	NM 080663	112479	16p12.3	20199809	pos	1	1	2	0.42972	1.05228331	0.22707	1.27613776	0.956493	0.7419985	0.52315598	0.92987423	0.87767927	0.660529	0.51736487	0.59608834	0.88158	0.66059	0.585820272	0.97796304	0.358318986	1.06982982	0.45229029	1.0487013			0.83674721
CGI-60 protein	NM_016008	51626	2p21	44000483	neg	1	1	2	0.58248	0.9168429	0.2707	1.28992497	0.420786	1.10748207	0.23717627	1.49213167	0.57396458	0.98545731	0.40226553	0.9790115	0.39016	1.10501			0.546717164	0.92251911	0.56045649	0.86737505	0.520458	0.74279	0.35801836
KIAA0441 gene product	NM 014797	9841	6q21	109619022	neg	1	1	2	0.73501	0.71386292	0.30223	1.42483333			0.11783651	1.43191073	0.02002002	1.94789673	0.03897453	6.65596735	0.04492	1.73946			0.637531649	0.70456065	0.61360925	0.78769555	0.499217	0.86733	0.24112744
CGI-101 protein	NM 016041	51009	17p13.2	5762546	pos	1	1	2									0.7813807	0.71085347			0.78373	0.71085			0.617222162	0.57836964	0.75550005	0.54834055			
phospholipase C, gamma 2 (pl	NM 002661	5336	16q23.3	72654940	pos	1	1	2	0.53267	0.61267094	0.80819	0.68136525	0.084683	2.11095062	0.3682009	2.54430859	0.82858046	0.80271141	0.0524271	1.90617581	0.98963	0.52446			0.62425942	0.9224727	0.21021539	1.33159792	0.814357	0.57167	0.34987667
activating transcription factor	NM 012068	22809	19q13.33	51090792	neg	1	1	1	0.88894	0.71274032	0.73968	0.79670093	0.006792	1.5469474	0.61518069	0.92015297	0.76702495	0.83354828			0.769	0.83355	0.300078288	1.10309243	0.856449876	0.46902321	0.65955094	0.61154214	0.732713	0.70227	0.83606268
stromal antigen 3	NM 012447	10734	7q22.1	98310121	neg	0	1	2																							
protein phosphatase 3 (former	NM 000944	5530	4q24	102343376	pos	1	1	1									0.87678449	0.62723634			0.88083	0.62724			0.60753932	0.33413184	0.71342358	0.3415511			
gamma-aminobutyric acid (GA	NM 033223	2567	15q12	23813576	pos	1	1	0	0.74511	0.72817608	0.64684	0.82829218	0.095504	1.96438591			0.51756608	0.88645259			0.51149	0.88645	0.419973376	1.15557444	0.49434016	0.88054362	0.32336912	1.2049062			
spermidine/spermine N1-acety	NM 002970	6303	Xp22.11	22628834	neg	1	1	1	0.36934	1.13586104	0.17836	1.52276021	0.300422	1.21294469	0.69969537	0.65663555	0.79462194	0.63005035			0.79729	0.63005	0.51239809	1.03674567	0.648486724	0.43751662	0.73374129	0.46847356			0.71977973
H3 histone family, member A	NM 003529	8350	6p22.2	26063576	neg	0	1	2	0.41714	1.06929667	0.58953	0.90342693	0.340373	1.1506118	0.21698619	1.2572062	0.37775815	1.00736679	0.39584354	1.00577135	0.16699	1.31261	0.59359844	0.89657303	0.01198419	2.82134195	0.39863932	1.63567493	0.001263	6.09412	0.26700354
three prime repair exonucleas	NM 033627	11277	3p21.31	48289847	neg	1	1	2	0.31562	1.13766738	0.20535	1.29807483	0.74814	0.88255408	0.42130119	1.09227354	0.33315354	1.10149499	0.45722736	0.91735244	0.30605	1.1163	0.211399758	1.15364682	0.661912302	0.72709841	0.45974939	1.02385462	0.67443	0.72664	0.35411275
polymerase (DNA directed), la	NM 013274	27343	10q24.32	102231841	pos	0	1	2	0.55313	0.95867572	0.3761	1.10281218	0.641276	0.91189589	0.50990965	0.90993731	0.78044902	0.80380192	0.8296701	0.397705	0.70159	0.85694			0.553739455	0.87176534	0.51591855	0.86951144	0.548334	0.79832	0.55193624
transmembrane 4 superfamily	NM 012339	23555	10q22.1	70022443	neg	1	1	2									0.92398593	0.40859197			0.92801	0.40859									
distal-less homeobox 4	NM 001934	1748	17q21.33	47761041	neg	1	1	2																	0.110929777	2.56965317	0.15539345	2.18894009			
G protein-coupled receptor 7	NM 005285	2831	8q11.23	53135206	neg	1	1	2	0.0193	1.90379537	0.0273	2.03920599	0.050821	1.36515538	0.12693228	1.25802629	0.01221706	1.9597971			0.00969	1.9598	0.058191861	1.36807685	0.001283853	5.81760942	0.2414069	3.03581267	0.000277	11.0919	0.10464056
fetal hypothetical protein	NM 013303	29905	5q13.3	75133131	neg	1	1	2	0.79813	0.73021546	0.48409	0.99979637	0.459569	1.02710079	0.39310745	1.11853395	0.50899497	0.9906246			0.49736	0.99062	0.599818273	0.90522221	0.501069579	0.61229303	0.58588609	0.57689995			0.55389485
ectonucleotide pyrophosphata	NM 006209	5168	8q24.12	119556369	pos	1	1	0	0.98732	0.51320867	0.92381	0.58148338	0.446238	1.02622718	0.31719044	1.12395362	0.42231897	1.21154949			0.4134	1.21155	0.786287579	0.82453099	0.753469883	0.65478995	0.70407941	0.68155049	0.259939	1.20256	0.02977756
fibroblast growth factor 20	NM 019851	26281	8p22	16743826	pos	0	1	2									0.91892077	0.58528591			0.92299	0.58529			0.34602858	1.54522354	0.43222282	1.44833427			
Ras homolog enriched in brai	NM 005614	6009	7q36.1	149410431	neg	1	1	2	0.7372	0.80829941	0.26871	1.29769841	0.266337	1.29998693			0.61026395	0.94281987	0.33369683	1.15331961	0.76668	0.81258	0.147408192	1.24424242	0.586697183	0.9004356	0.41548727	1.1206166	0.453967	0.95259	
UDP-glucose dehydrogenase	NM 003359	7358	4p14	39502408	neg	1	1	1	0.34023	1.12656105	0.11497	1.48768783	0.529823	0.98403184	0.60853179	0.9203901	0.56751008	0.94805372	0.61896255	0.70031721	0.53009	0.97388	0.232061229	1.13273594	0.81010186	0.59990713	0.71281529	0.77177152	0.71428	0.65991	0.51903704
GS15	NM_016526	51272	#N/A	#N/A		0	1	0			0.47919	1.01089744					0.98306938	0.59285218			0.98508	0.59285			0.520193132	0.88953012	0.39090679	1.19148764			
DKFZP564K1964 protein	NM 015544	26022	17q11.2	31028306	neg	1	1	2			0.56474	0.81148294					0.91275112	0.56064636			0.91686	0.56065			0.38747657	1.0618245	0.46486296	1.19732588			
amyloid beta (A4) precursor pr	NM 001163	320	9q21.12	63089527	neg	1	1	1	0.64502	0.90539194	0.88819	0.65605001	0.098553	1.21632916	0.24820013	1.09524302	0.74635212	0.87596663	0.67981244	0.8353642	0.69072	0.89113	0.809313347	0.89796448	0.547756206	0.93189283	0.38224985	1.43651131	0.799088	0.64991	0.32862604
v-kit Hardy-Zuckerman 4 feline	NM 000222	3815	4q12	55328053	neg	1	1	1			0.48698	0.99427083					0.79028538	0.72616758			0.79285	0.72617			0.993606049	0.10887425	0.9988868	0.11668177			
IQ motif containing GTPase ac	NM 006633	10788	5q13.3	74504364	neg	1	1	2									0.81111227	0.70220351			0.81416	0.7022			0.203396188	1.86954963	0.30607015	1.50793651			
RAB2, member RAS oncogene	NM 004761	5863	6p21.32	33261579	pos	1	1	2	0.70651	0.75534508	0.55433	0.93160243					0.78653216	0.77697323			0.78901	0.77697			0.310870321	1.62915829	0.36239521	1.86646687			
cryptic gene	NM 032545	55997	2q21.1	128593050	neg	1	1	0	0.02881	1.68640152	0.31449	1.15808172	0.010145	1.45626759	0.14224193	1.17012943	0.00149375	1.72890765	0.0356082	1.67476394	0.00621	1.76396			0.000696983	4.37446988	0.05064568	3.56653704	0.000908	5.20941	0.00605574
CaM-KII inhibitory protein	NM 033259	94032	3q27.1	180636449	neg	1	1	2									0.72293124	0.66812411			0.72364	0.66812									
NOL1R protein	NM_018044	55695	7q11.23	71357685	neg	1	1	2	0.96633	0.43299634	0.67855	0.80343482	0.096105	2.53201053	0.74646727	0.70090988	0.7422187	0.81602496			0.7435	0.81602	0.277835165	2.512723	0.577892394	0.99559312	0.51224858	0.9466634	0.613555	0.71775	0.34139718
kinesin-like 5 (mitotic kinesin-l	NM 004856	9493	15q23	65548033	pos	1	1	2	0.92023	0.67508372	0.89587	0.63526923	0.173469	1.24938869	0.55122875	0.9489947	0.43963884	1.03422592	0.1355937	1.41330968	0.74008	0.85311	0.610480609	0.96929932	0.970320391	0.42554709	0.87368239	0.62347375	0.915468	0.49869	0.99986256
cadherin 7, type 2	NM 033646	1005	18q22.1	63262813	pos	0	1	2	0.31572	1.23261966	0.39148	1.12496757	0.297475	1.35438928			0.23796199	1.32867536			0.226	1.32868			0.559452359	0.87945122	0.51635692	0.82936508			0.43011988
solute carrier family 39 (zinc tr	NM 014437	27173	1q21.3	151748839	neg	1	1	0																							
thrombomodulin	NM 000361	7056	20p11.21	23014691	neg	1	1	2	0.61204	0.8827481	0.33243	1.23033794	0.20707	1.38955671											0.002719529	2.93036041	0.0075459	3.25612532	0.011004	5.87451	
homeo box A10	NM 018951	3206	7p15.2	26853997	pos	0	1	0									0.71113607	0.669646			0.71148	0.66965			0.085052912	3.34724789	0.09808453	3.22773186			
chromosome 12 open reading	NM 030809	81566	12q13.13	51729843	neg	1	1	1	0.482	1.01290059	0.54615	0.95060279	0.352454	1.0573821	0.80708184	0.75212688	0.06182874	1.46478058	0.04468553	1.54097017	0.47993	1.03414	0.56913417	0.98709895	0.910412853	0.51930996	0.90293901	0.57817255	0.769412	0.68121	0.93039973
UDP-Gal:betaGlcNAc beta 1,4-	NM 004775	9331	18q12.1	29226091	pos	1	1	2									0.9450675	0.41038401			0.94875	0.41038			0.995026858	0.07034362	0.99698433	0.10338189			
hypothetical protein FLJ13204	NM 024761	79817	9p21.2	27641371	neg	1	1	2																							
KIAA0616 protein	NM 025021	23373	19p13.11	19288737	neg	1	1	2									0.80096584	0.57770616			0.80378	0.57771	0.492947621	1.01603231	0.577049399	0.99360356	0.55530222	0.84578943			
KIAA0677 gene product	NM 014663	9682	1p34.2	43954602	pos	0	1	2	0.93925	0.61949648	0.8212	0.71144876	0.181319	1.25186923	0.11415956	1.29949309	0.74684208	0.83965627			0.74825	0.83966	0.471078778	1.03023594	0.679963519	0.5918495	0.50739208	0.65011588	0.696438	0.70881	0.48035504
hypothetical protein FLJ14129	NM 030895	79943	8q24.3	142564885	neg	1	1	2	0.47968	1.01303606	0.15204	1.41377808	0.190485	1.20663392	0.2904943	1.24491049	0.81698376	0.80239624	0.46692755	0.92433266	0.82255	0.79464	0.378244652	1.07729363	0.716738853	0.69340825	0.46629098	1.0152868	0.720639	0.67891	0.13769676
lysyl-tRNA synthetase	NM 005548	3735	16q23.1	66591660	pos	1	1	2	0.60519	0.92686734	0.23409	1.25915828	0.189419	1.28026512	0.27720823	1.20332095	0.25261426	1.18535743	0.57946754	0.52255614	0.23545	1.19081	0.080206457	1.3303122	0.580614859	0.77419464	0.57951647	0.88785047	0.529624	0.85545	0.45255262
syntrophin, beta 2 (dystrophin	NM 130845	6645	16q22.1	59906028	neg	1	1	2	0.86094	0.71822576	0.17831	1.38592871	0.600013	0.93522308	0.37549341	1.06962372	0.61738341	0.92245294			0.61464	0.92245	0.500281509	1.01473556	0.525309596	0.93093703	0.28629503	1.2307423	0.631281	0.73619	0.43819678
SCAN domain-containing 2	NM 033633	54581	15q25.2	81243283	neg	0	1	2	0.96173	0.57760257	0.81038	0.72771444	0.088878	1.41831843	0.54373337	0.9363944	0.73833381	0.8486883	0.65418888	0.67463691	0.71174	0.86265	0.643769596	0.94230808	0.943111333	0.48314611	0.81810664	0.69827742	0.666817	0.74928	0.53311426
Notch homolog 3 (Drosophila)	NM 000435	4854	19p13.12	15649642	pos	0	1	2			0.54157	0.92853881					0.89547796	0.65436546	0.46546681	0.71181197	0.89913	0.65397			0.60885591	0.64757703	0.72198863	0.64697498			
hypothetical protein MGC1483	NM 032340	84300	6p21.31	33667456	neg	1	1	2	0.85963	0.71235702	0.88412	0.63396099	0.186967	1.25779356	0.26953002	1.11749116	0.60020848	0.96625933	0.37292543	1.0543208	0.84529	0.75857	0.678796449	0.9127847	0.667343642	0.63774412	0.50073857	0.97041847	0.768741	0.59937	0.7886279
anaphase-promoting complex	NM_013367	29945	4p15.2	25504369	neg	1	1	1									0.52244184	0.30940817			0.51652	0.30941									
carnitine O-octanoyltransferas	NM 021151	54677	7q21.12	85511099	neg	1	1	1	0.2869	1.17144768	0.15361	1.41170438	0.629437	0.92016381	0.76819559	0.77807372	0.45898472	1.03105373	0.53947127	0.5952662	0.44918	1.03234	0.999981144	0.21058472	0.623080186	0.62688805	0.55079108	0.70500928	0.742545	0.61907	0.45003421
neutrophil cytosolic factor 1 (4	NM 000265	4687	7q11.23	72828803	neg	1	1	0			0.05441	2.86891304					3.4215E-05	2.89103057			1.9E-05	2.89103	0.276560766	2.18540599	0.202787007	1.43330747	0.04311129	2.41145218	0.32075	1.52941	

general transcription factor IIH	NM_001517	2968	6p21.33	30931901	neg	0	1	1	0.98252	0.51854229	0.81628	0.71988457	0.376082	1.05471906			0.42402625	1.06377582	0.14998813	1.61863666	0.708	0.8175	0.400005771	1.05863685	0.859829545	0.50853709	0.73491006	0.64784636	0.733177	0.69683	0.71386246
asparaginyl-tRNA synthetase	NM_004539	4677	18q21.31	55658418	neg	1	1	1	0.59192	0.94124551	0.84202	0.70847063	0.449222	1.0159326	0.86154158	0.80876925	0.24552981	1.14498104	0.23311343	1.14547172	0.50714	0.92893	0.732033846	0.91256429	0.958167507	0.46806726	0.8816685	0.63157081	0.911266	0.51107	0.81314622
endothelin 3	NM_000114	1908	20q13.32	57604096	pos	1	1	2									0.88202768	0.5202005			0.88611	0.5202									
discs, large (Drosophila) homo	NM_021120	1741	Xq13.1	65842739	neg	1	1	2									0.60244949	0.89094907			0.5992	0.89095			0.555558772	0.69179344	0.70279904	0.6462585			
kallikrein 13	NM_015596	26085	19q13.33	52189938	neg	0	1	2	0.92958	0.43865524							0.77842213	0.71892821			0.78069	0.71893			0.304811351	1.21365631	0.37457957	1.21320346			
HTPAP protein	NM_032483	84513	8p12	37661204	pos	1	1	2	0.03737	2.19448855	0.23044	1.29222992					0.97444989	0.48030642			0.97702	0.48031	0.20546392	1.31633554	0.300094599	1.425348	0.28624528	1.58076299	0.556018	0.61765	
protocadherin 11	NM_032967	27328	Xq21.31	86306902	pos	0	1	2	0.0109	2.1363762	0.59095	0.89501073	0.413309	1.05395698	0.00338921	2.5237435	0.05758904	1.37389889	3.7419E-05	2.9767125	0.94539	0.64702	0.010778627	1.67153446	0.445710762	1.02167987	0.22612508	1.2979506	0.943682	0.45387	0.32730413
pleckstrin homology domain-c	NM_019091	65977	2q31.2	177407896	pos	1	1	2									0.38308228	1.20727194			0.37318	1.20727									
HSPC009 protein	NM_014019	28958	17q21.31	40519982	neg	1	1	2	0.94505	0.61185234	0.57268	0.92676519	0.064901	1.29027719	0.25547672	1.16311573	0.58137581	0.99647225	0.40090246	0.99545409	0.2407	1.17729	0.578429703	0.97979809	0.395442097	1.05823417	0.11843697	1.58396189	0.848481	0.59736	0.31090816
adrenergic, alpha-2B-, recepto	NM_000682	151	2q11.2	94650125	neg	1	1	2	0.94552	0.44702238	0.37493	1.19967043					0.57528003	0.7168672			0.57112	0.71687			0.575853227	0.74877259	0.64485209	0.7950938			
calcitonin-related polypeptide,	NM_000728	797	11p15.2	16238469	pos	1	1	0									0.76918627	0.63800047			0.77122	0.638			0.287204056	1.3299085	0.32364294	1.43939394			
chromosome 21 open reading	NM_018944	54069	21q22.11	30218658	neg	1	1	2	0.10568	1.54186029	0.1389	1.47426959	0.74274	0.82917374	0.74198215	0.73650038	0.72066386	0.83977216	0.72165218	0.5429766	0.66881	0.87315	0.354251303	1.10247545	0.597945906	0.70934695	0.64892982	0.76158409	0.541301	0.85116	0.60941957
hypothetical protein FLJ20580	NM_017887	54987	1p32.3	53315093	neg	1	1	2	0.20009	1.39550362	0.08851	1.58655029	0.703953	0.82911458	0.46416905	0.87350198	0.73741348	0.83080863	0.5987297	0.54879306	0.73011	0.83594	0.211567575	1.14828723	0.648236276	0.99033883	0.49047676	0.98701299	0.327178	1.21034	0.37981357
KIAA0645 gene product	NM_014662	9681	22q12.2	28846896	neg	1	1	0			0.05819	1.86095482	0.663976	0.81415358	0.36160045	1.13203453	0.97062714	0.55131569	0.6707665	0.32800959	0.97086	0.55567	0.355123886	1.11693938	0.267820229	1.06796739	0.32168238	1.36742424	0.324233	1.42745	
mitochondrial topoisomerase I	NM_052963	116447	8q24.3	142582824	neg	0	1	0	0.5454	0.96770305	0.7362	0.79866483	0.420842	1.0505707	0.51236726	0.85045272	0.30697107	1.0965261	0.04691336	1.50438407	0.81713	0.80373	0.286450115	1.14154168	0.687645857	0.97394881	0.94450124	0.48258015	0.279701	1.16346	0.46567678
zinc finger protein	NM_014347	25799	19q13.43	59876930	pos	1	1	2	0.27572	1.21779922	0.13001	1.49614887	0.498006	0.99406942	0.54182304	0.89203953	0.99636704	0.44284537	0.62336444	0.54840218	0.9969	0.44053	0.55437479	0.98782904	0.746420571	0.60570902	0.86683014	0.42692228	0.396656	1.06684	
protocadherin alpha 2	NM_018905	56146	5q31.3	139990882	neg	0	1	2			0.29313	1.64270833			0.59264058	0.63533468	0.99743478	0.43989986			0.99795	0.4399			0.842996105	0.09375465	0.93351935	0.08903468			
ubiquitin specific protease 21	NM_016572	27005	1q23.3	158840828	neg	1	1	1	0.52334	0.98025599	0.28322	1.20226427	0.944015	0.6620657	0.48707176	0.88518345	0.93531468	0.70493672	0.93622805	0.4864176	0.82474	0.78662	0.33854974	1.09298799	0.605235568	0.60976297			0.68547	0.67123	0.41230933
hypothetical protein MGC2474	NM_023931	65988	16p11.2	29825690	neg	1	1	2	0.43596	1.09255133	0.12508	1.7836034			0.48692181	0.63314258	0.99966154	0.34232913	0.78999538	0.23380223	0.99967	0.34626	0.308200737	1.39490183							
KIAA0409 protein	NM_015324	23378	11p15.4	7364137	pos	1	1	2	0.2981	1.24943355	0.05844	2.5541939	0.737268	0.67042397	0.58643602	0.76299578	0.98733519	0.53814243	0.50057366	0.82025505	0.98901	0.53814	0.454573742	1.05495264	0.544916002	0.7135097			0.420043	0.99198	0.47850658
heparan sulfate (glucosamine)	NM_005114	9957	4p15.33	11074720	pos	1	1	0	0.0339	1.70403139	0.3611	5.16444444	0.250888	1.12231568	0.5558926	0.89933139	0.20152501	1.280679	0.58961486	0.74219413	0.17113	1.31458	0.301670959	1.09710225	0.18475219	1.39662386	0.15086539	1.61075036	0.468751	0.93634	0.46711631
Sjogren's syndrome/scleroder	NM_006396	10534	11q13.1	67853746	neg	1	1	2	0.3392	1.152902	0.14748	1.44194915	0.705102	0.86178401	0.33241036	1.11716431	0.67829882	0.86492475	0.50487939	0.78693878	0.67754	0.86495	0.426240209	1.06726656	0.58091218	0.99335633	0.47732864	1.04356061	0.428522	0.9799	0.58750623
potassium channel, subfamily	NM_002246	3777	2p23.3	26836946	neg	1	1	2			0.88115	0.64992262	0.176552	1.27764009	0.38726677	1.11367921	0.78274626	0.79927353	0.4950622	0.90175366	0.78514	0.79916	0.444766845	1.04740026	0.294392247	1.04662105	0.1815385	1.40403121	0.17247	1.58451	0.37004178
related RAS viral (r-ras) oncog	NM_006270	6237	19q13.33	50796884	neg	1	1	2			0.0737	1.67233392	0.54458	0.96162847	0.35945693	1.43400566	0.98649492	0.50750781	0.81253177	0.56408393	0.98178	0.493	0.165118793	1.36357244	0.37230091	1.0894604	0.27340663	1.36681946	0.422729	0.9902	0.07560258
hypothetical protein FLJ12606	NM_024804	79862	1q44	245116649	neg	0	1	1			0.28397	1.33700159	0.323113	1.5120787	0.04950713	2.60340421	0.91025128	0.65445662			0.91438	0.65446			0.3278068	1.17625565	0.45698131	1.04912095	0.316204	1.55204	0.44095209
KIAA0014 gene product	NM_014665	9684	8q24.3	143307353	neg	1	1	2									0.97365056	0.55229712			0.97627	0.5523									
homeo box B1	NM_002144	3211	17q21.32	46317770	pos	0	1	2	0.57291	0.9462357	0.5454	0.85979487	0.128717	1.56927841	0.12025716	1.47124013	0.96679941	0.65058758	0.71147636	0.79854729	0.971	0.59018	0.322521406	1.13584084	0.025785972	1.64101832	0.01679189	2.48171369	0.020576	2.48261	0.0352617
phosphoglucomutase 5	NM_021965	5239	9q21.11	62016553	pos	1	1	0	0.0782	1.52394549	0.21908	1.29519852			0.00016115	2.02984531	0.27538436	1.12010377	0.00096404	2.08790901	0.99553	0.48852	0.166420559	1.4280413	0.894452906	0.38756174			0.941196	0.45586	0.62345402
CasL interacting molecule	NM_022765	64780	6q21	109600568	neg	1	1	2	0.63495	0.89209587	0.22562	1.30746496	0.776777	0.75283705	0.46206158	0.98012147	0.999296	0.38417415	0.68519608	0.51830928	0.99942	0.37868	0.323608837	1.12302682	0.223890349	1.34659899			0.223924	1.6299	0.18218015
retinoblastoma binding protein	NM_023000	5926	14q23.1	56089402	pos	0	1	2	0.16123	1.31808594	0.23208	1.2614917	0.675063	0.86208254	0.5410721	0.55220515	0.58714089	0.95187178	0.89086162	0.429774	0.41162	1.05726	0.803288176	0.8880843	0.546666416	0.61707915			0.575397	0.74468	0.49821478
erythrocyte protein band 4.1-li	NM_022140	64097	5q22.1	111123446	neg	1	1	2	0.15628	1.3695158	0.02897	1.98441192	0.991578	0.55615563	0.41256953	1.07562469	0.98872057	0.51483653	0.80773318	0.46531165	0.98507	0.52094	0.250767935	1.13836227	0.151798024	1.59273803			0.163855	1.70852	0.09122381
TRK-fused gene	NM_006070	10342	3q12.2	97099169	pos	1	1	1	0.4418	1.08313729	0.20918	1.67296875	0.909854	0.34522431	0.47165204	0.50889414	0.99590509	0.43656776	0.6274102	0.52004095	0.99646	0.43477									
ATPase, Na+/K+ transporting,	NM_001678	482	17p13.1	8057269	neg	1	1	2			0.21638	1.82195122					0.7543529	0.94785536	0.38468204	1.02352349	0.99999	0.23035	0.279977062	2.7888318							
hypothetical protein FLJ22282	NM_024792	79850	17p13.3	587926	neg	1	1	2									0.99989921	0.27658451			0.99993	0.27658									
inositol 1,4,5-trisphosphate 3-k	NM_002221	3707	1q42.12	225348532	pos	0	1	2			0.35091	1.15049505	0.392113	1.11012796	0.3833682	1.12084695	0.2540626	1.12437968	0.0876898	1.64756258	0.46294	1.01767	0.397790583	1.18063384	0.212120552	1.13296744	0.15129257	1.49335298	0.103403	5.55882	0.37738135
proprotein convertase subtilis	NM_002594	5126	20p12.1	17195687	pos	1	1	2			0.26621	1.90458937					0.73202993	0.76222547			0.73301	0.76223			0.392018427	1.00256657	0.561244	0.68542569			
hypothetical protein MGC2594	NM_024050	79016	19p13.12	17914235	pos	1	1	2	0.48937	1.0058246	0.88205	0.66028797	0.209222	1.12870819	0.64647564	0.81416073	0.38651649	1.05571127	0.13248448	1.32337163	0.73251	0.86308	0.514211119	1.00591484	0.94149457	0.47992762	0.89426543	0.6053197	0.747915	0.68182	0.54625345
PNAS-123	NM_053040	85028	1p35.2	28883609	neg	1	1	2	0.13819	1.39743883	0.15337	1.41608635	0.953499	0.72879663	0.55358918	0.73862955	0.86567179	0.70419711	0.75148499	0.49295951	0.83286	0.72937	0.49051272	1.01716631	0.573702635	0.95723544	0.51657559	0.92151675	0.604494	0.7345	0.62889982
prp28, U5 snRNP 100 kd protei	NM_004818	9416	12q13.12	49116956	pos	1	1	2	0.28364	1.21003749	0.14359	1.4500423	0.89457	0.75289963	0.98536037	0.30399995	0.92830039	0.62963667	0.85151707	0.33865431	0.89216	0.669	0.759077161	0.87672769	0.601978603	0.90375546	0.54272243	0.87130384	0.390403	1.05882	0.51612223
adenylosuccinate synthase	NM_001126	159	1q44	242458532	neg	1	1	2	0.15039	1.7270993	0.14787	2.10925708	0.442167	1.0460374	0.42924425	1.05463758	0.94360914	0.63183586	0.80047923	0.39044354	0.92685	0.6532	0.545190134	0.97965262	0.341453451	1.08641266	0.32207016	1.24918831	0.467531	0.88787	0.22134586
procollagen-proline, 2-oxoglut	NM_000918	5034	17q25.3	79210609	neg	1	1	0									0.76396842	0.46587623			0.76586	0.46588									
multiple inositol polyphosphat	NM_004897	9562	10q23.31	88146236	pos	1	1	2	0.36725	1.12313151	0.1009	1.71084437	0.572339	0.76370425	0.44248177	1.02223952	0.98894874	0.49859697	0.49019275	0.37384636	0.99047	0.4986	0.268176626	1.17714615							0.40397402
hypothetical protein FLJ10948	NM_018281	55268	1p32.3	52913910	neg	1	1	2							0.30443326	1.60645558	0.99888201	0.36697124			0.99915	0.36697									
retinoic acid receptor respond	NM_002889	5919	7q36.1	148282055	neg	1	1	2									0.99991113	0.3069578			0.99994	0.30696									
KIAA0352 gene product	NM_014830	9880	12q13.3	57367542	neg	1	1	2																							
hypothetical protein FLJ13315	NM_025005	80072	15q23	68470755	pos	1	1	2			0.22143	1.99574653	1	0.16734687			0.99417216	0.34295564			0.99514	0.34296			0.708659706	0.42632011	0.87611137	0.36255411			
glutamate receptor, metabotro	NM_000844	2917	3p26.1	6831709	pos	1	1	0	0.00152	2.81160482	0.0342	1.95013274	0.001195	1.80849252	0.03596588	1.55085644	0.00042951	2.79817492	0.22466312	2.45399283	0.00037	2.82297	0.073119066	1.34696144	0.000501251	5.34337125	0.05588575	3.71681777	0.000323	9.52651	0.17473726
ribosomal protein S15	NM_001018	6209	19p13.3	1604847	neg	1	1	0	0.34798	1.10616568	0.95214	0.55397975	0.015717	1.41012918	0.34324465	1.04821889	0.46322964	1.00994719	0.3369852	1.04127022	0.75956	0.85245	0.18057191	1.18462244	0.677541326	0.88558405	0.66918324	0.83744959	0.377507	1.04152	0.57243382
cyclin T2	NM_001241	905	2q21.3	133321261	neg	1	1	2									0.95677828	0.47227526			0.96013	0.47228									
activating transcription factor	NM_001674	467	1q32.3	211461369	neg	1	1	0									0.99996571	0.16152618			0.99998	0.16153									
hypothetical protein FLJ12443	NM_024830	79888	5p15.33	1442269	neg	0	1	0	0.41685	1.05374735	0.6769	0.85087652	0.002812	1.53596983	0.37331544	1.17530598	0.93673224	0.76291369	0.96431766	0.61139169	0.70377	0.88662	0.023033309	1.33114613	0.144344405	1.35559193	0.58186478	0.90992743	0.487634	0.9332	1.9063E-06
LUC7-like (S. cerevisiae)	NM_018032	55692	16p13.3	258660	neg	1	1	2	0.63372	0.8563957	0.55186	0.91258706	0.355682	1.14491906	0.43138378	1.02489168	0.70562007	0.84943109	0.56979299	0.71598927	0.6984	0.85319	0.353914521	1.35449478	0.621815444	0.49100348			0.575205	0.70588	0.54160001
KIAA0977 protein	NM_014900	22837	2q24.3	163596532	pos	1	1	2									0.84955657	0.29662078			0.8533	0.29662									
phosphodiesterase 1B, calmod	NM_000924	5153	12q13.2	55070389	pos	1	1	1	0.07999	1.4607342	0.29036	1.18177108	0.959566	0.72698762	0.65174377	0.90726688	0.33345457	1.09859026	0.46447064	0.94951691	0.29961	1.12139	0.139812689	1.17398576	0.294946474	1.32823045			0.359625	1.6261	0.2115831
transcriptional adaptor 2 (ADA	NM_133439	6871	17q12	35151507	pos	1	1	2									0.99969737	0.2319294			0.99979	0.23193									
ethanolamine kinase	NM_018638	55500	12p12.1	23126253	pos	1	1	2	0.78646	0.78268352	0.70534	0.81713178	0.999998	0.32387832	0.77406831	0.63955602	0.93495876	0.68431797	0.84692697	0.54792269	0.89068	0.71721	0.236395053	1.20293466	0.636094624	0.53876859	0.60936027	0.35193973	0.733597	0.58308	0.83026209
hypothetical protein FLJ11743	NM_024527	79575	19p13.12	17896815	pos	1	1	2	0.34574	1.11990747	0.49418	0.99140774			0.81109153	0.74501365	0.99686861	0.47348395	0.92363467	0.58447963	0.99445	0.38222	0.461575584	1.02900467	0.516318953	0.97598914	0.46011234	1.39425615	0.681924	0.72887	0.34098188
actin related protein 2/3 compl	NM_006409	10552	7q22.1	97465721	neg	1	1	2	0.65547	0.87079002	0.41983	1.08506216	0.381122	1.09225506	0.45833821	0.97290461	0.43815422	1.06460534	0.41432235	0.69664492	0.40976	1.08596	0.199023316	1.43856165	0.593425794	0.99113175	0.47975812	1.0463587	0.404695	1.02197	0.3868594
RAB33B, member RAS oncoge	NM_031296	83452	4q31.1	141280372	neg	1	1	2	0.3678	1.10154338	0.18517	1.33436578	0.315311	1.09278427	0.6613595	0.84975725	0.52618506	0.97563553	0.48664831	0.81922997	0.51937	0.97676	0.330069863	1.1287531	0.63509405	0.71318912	0.61885944	0.83802989	0.646478	0.73379	0.69239538
hypothetical protein FLJ12355	NM_024988	80054	19q13.11	34411411	neg	1	1	2									0.96601598	0.46790909			0.96901	0.46791									
PDZ-73 protein	NM_005709	10083	11p15.1	18654023	neg	1	1	1	0.59545	0.93517645	0.56978	0.93145656	0.042105	1.40817628	0.30050916	1.16894598	0.8642093	0.74118271	0.52698607	0.89164235	0.86886	0.73768	0.998522457	0.63921992	0.816894404	0.59369493	0.73669459	0.72294372	0.658409	0.77688	0.57000637
eukaryotic translation initiation	NM_003908	8894	20q11.22	32435970	pos	1	1	2	0.4193	1.07167229	0.23766	1.27418525	0.786848	0.83299527	0.38182301	1.14944819	0.87929342	0.71822684	0.51065867	0.84891561	0.88336	0.71798	0.377877464	1.0785153	0.397704232	1.0242726	0.45781192	1.03436967	0.391112	1.06082	0.4887269
protease, serine, 15	NM_004793	9361	19p13.3	5783962	neg	1	1	2	0.72767	0.83919407	0.40821	1.06993615	0.942953	0.60279429	0.45579188	0.98743218	0.98955567	0.39349801	0.64069674	0.7034656	0.9924	0.35141	0.38770992	1.06445999	0.519944891	0.70899358			0.434773	0.95829	0.02007937
hypothetical protein BC009239	NM_138361	90678	9q33.3	121329244	pos	1	1	2									0.99949799	0.21387332			0.99963	0.21387									
adenosine deaminase	NM_000022	100	20q13.12	42976648	pos	1	1	1									0.99965664	0.2973008			0.99975	0.2973									
plasminogen activator, urokina	NM_002659	5329	19q13.31	44798220	neg	0	1	2	0.81272	0.78433117	0.84243	0.69709576	0.999636	0.39065755	0.63100896	0.80647605	0.7272749	0.93136272	0.34504314	1.05317179	0.98722	0.54654	0.554623828	0.99205083	0.783335228	0.46135007			0.745997	0.63211	0.34953528
amylo-1, 6-glucosidase, 4-alph	NM_000642	178	1p21.2	101113150	neg	1	1	2			0.08415	2.68741319	0.32778	1.80537059			0.99994011	0.2107611			0.99996	0.21076									
inhibitor of DNA binding 2, dor	NM_002166	3398	2p25.1	8605712	neg	0	1	0									0.92020982	0.5219915			0.92427	0.52199									
small inducible cytokine subfa	NM_004757	9255	4q24	107648141	pos	0	1	2	0.23133	1.27788069	0.15894	1.41345617	0.731922	0.85324771	0.38474339	1.06577689	0.81927831	0.71186115	0.52335928	0.76357343	0.82204	0.71154	0.481593492	1.02872035	0.55942335	0.90213492	0.48586022	0.98815536	0.619077	0.7328	0.76369442
B/K protein	NM_016524	51760	16p12.3	18675479	pos	1	1	0																							
RPA-binding trans-activator	NM_013368	29946	19q13.2	41586250	pos	1	1	0			0.03465	19.1780303					0.76556149	0.29301187			0.7675	0.29301			0.996313955	0.13607077	0.99896438	0.18459403			
mitochondrial ATP synthase re	NM_015684	27109	14q21.3	48100960	pos	1	1	2	0.21019	1.24848577	0.10213	1.51658582			0.47582444	0.9068232	0.8871169	0.68294959	0.9694889	0.39581364	0.5317	0.96897	0.214458421	1.1361108	0.489731403	0.70744873			0.502762	0.85193	0.35237461
BCL2-associated athanogene 3	NM_004281	9531	10q26.11	120329596	neg	1	1	2									0.99948326	0.28883998			0.99962	0.28884									
ATPase, H+ transporting, lysos	NM_005177	535	17q21.2	40234323	pos	1	1	2	0.44754	1.033857	0.60342	0.90605423	0.999633	0.44806218	0.4317063	1.01855443	0.88930423	0.81757687	0.44040058	0.96781462	0.95448	0.6653	0.551169695	0.99318449	0.712834398	0.56388843			0.649539	0.75723	0.56707954
claudin 10	NM_006984	9071	13q32.1	94564655	neg	1	1	2									0.96200095	0.4994964			0.96516	0.4995									
ubiquitin carboxyl-terminal est	NM_004181	7345	4p14	41330921	neg	1	1	2	0.08117	2.11664398	0.21353	1.50221354			0.15254304	1.64307553	0.62489539	0.90529394	0.46044775	0.91523369	0.61634	0.90384	0.516679374	1.01321928	0.228628792	1.19298837	0.4937922	0.97358424	0.243119	1.59335	0.99961588
NADH dehydrogenase (ubiquin	NM_002490	4700	22q13.2	39096059	pos	1	1	1	0.33345	1.12968765	0.13748	1.44197839	0.58968	0.95581171	0.8494875	0.66993798	0.27062752	1.22142285	0.59335786	0.60231005	0.24569	1.23986	0.150962496	1.23994684	0.573562971	0.70726722	0.50628385	0.83788486	0.609251	0.71429	0.67321151
oxidase (cytochrome c) assem	NM_005015	5018	14q11.2	20608176	neg	0	1	2	0.98685	0.51085881	0.91073	0.6094943	0.036633	1.44043031	0.57960164	0.91221297	0.2993811	1.09774119	0.07495247	2.11694755	0.4585	1.0185	0.424783465	1.07558297	0.904900656	0.51959447	0.80890057	0.67899982	0.782088	0.63622	0.76078124
DKFZP564G0222 protein	NM_014044	25972	2q11.2	97107076	neg	1	1	2	0.10599	1.40625717	0.10753	1.49877556	0.328296	1.07388205	0.27571574	1.11184987	0.28347685	1.14459144	0.48984599	0.79984294	0.27154	1.14486	0.22317841	1.12586368	0.389046263	1.0105762	0.45451396	1.05592606	0.586658	0.78746	0.316232
putative homeodomain transcr	NM_006608	10745	1p13.2	114653171	pos	0	1	0	0.31602	1.16471221	0.56229	0.92912265	0.196883	1.3189332	0.56436611	0.88682884	0.28560019	1.2064934	0.51461464	0.60328185	0.27364	1.20692	0.779106381	0.79789356	0.62450769	0.90553406	0.51236011	0.90360344	0.417794	0.99922	0.55883155
protocadherin alpha 9	NM_014005	9752	5q31.3	140043795	neg	0	1	2									0.99763351	0.33160145			0.99812	0.3316									
golgi phosphoprotein 4	NM_014498	27333	3q26.2	165003897	neg	1	1	2	0.18503	1.28838236	0.05225	1.74376147	0.353202	1.06705004	0.28067303	1.4545243	0.73080292	0.82937214	0.67636392	0.55022483	0.70069	0.84893	0.128766871	1.1965262	0.978252794	0.20810055	0.98418919	0.26422627	0.524733	0.66152	0.28566416
nuclear factor (erythroid-deriv	NM_003204	4779	17q21.32	45831312	pos	1	1	1					0.142495	1.61548556			0.73857636	0.80815086	0.19262088	1.96654798	0.86832	0.66384									
nuclear respiratory factor 1	NM_005011	4899	7q32.2	127727937	pos	1	1	2	0.30496	1.17972664	0.05767	1.99785256	0.376211	1.08974427	0.42850549	1.03007323	0.66880913	0.86278252	0.68095788	0.48897083	0.632	0.88897	0.330188371	1.1064023	0.741010302	0.60387659	0.64863167	0.80631966	0.601987	0.76327	0.25569617
pyrroline-5-carboxylate reduct	NM_006907	5831	17q25.3	79271158	neg	1	1	1	0.59332	0.90836061	0.45344	1.03376126			0.32037714	1.17981049	0.99999572	0.27120653	0.69395878	0.58599873	1	0.25519	0.546269397	0.98876443	0.695051822	0.4753836			0.735006	0.57318	
eukaryotic translation initiation	NM_001417	1975	12q13.13	53568847	neg	1	1	0	0.25311	1.18474036	0.39451	1.07601259	0.660139	0.93591227	0.65848194	0.89703407	0.78784205	0.84507172	0.84433949	0.71820712	0.58335	0.94465	0.322297949	1.07384068	0.907265311	0.36514021			0.942103	0.45195	0.3459791
peroxisome biogenesis factor	NM_000466	5189	7q21.2	90651767	neg	1	1	2							0.4333202	1.14620223	0.95735765	0.5547525			0.96069	0.55475									
hypothetical protein FLJ20897	NM_032378	1936	8q24.3	142707016	neg	1	1	0									0.9803643	0.50507328			0.98257	0.50507									
human immunodeficiency viru	NM_024503	59269	1p34.2	42003366	pos	0	1	2	0.30792	1.25624793	0.45649	1.03139706	0.922063	0.62142632	0.78018937	0.62111049	0.16755053	1.4144634	0.57780895	0.62369657	0.14691	1.43871	0.602396579	0.80493263	0.646513055	0.58075936	0.79726804	0.52288188	0.598463	0.71123	0.59125956
aspartylglucosaminidase	NM_000027	175	4q34.3	179239647	pos	1	1	2			0.08217	1.67208738	0.557353	0.96341371	0.59842792	0.87345903	0.18066475	1.35043018	0.55176151	0.63479878	0.16503	1.35873	0.657566924	0.93191264	0.354434705	1.20425475	0.43423073	1.11952862	0.423209	0.98529	0.75761853
interleukin 1 receptor accesso	NM_017416	26280	Xq22.3	99122869	neg	0	1	0	0.16755	1.39335878	0.27707	1.2534264	0.063048	1.58549769	0.14524773	1.3906966	0.49699515	1.00298941	0.44311827	0.87578552	0.48259	1.0054	0.326331962	1.16831395	0.053471544	2.03892482	0.3221432	1.6038961	0.036692	3.0519	0.34339726
apelin; peptide ligand for APJ	NM_017413	8862	Xq26.1	123425510	neg	1	1	1			0.44121	1.09379845					0.94873032	0.49390701			0.95232	0.49391									
putative ribonuclease III	NM_013235	29102	5p13.3	31185619	neg	0	1	0			0.23681	1.71358859			0.5029168	0.49902391	0.78475394	0.6421251			0.78719	0.64213			0.63938312	0.96463613			0.340689	1.26542	
hypothetical protein FLJ10241	NM_018035	55101	19q13.2	42576720	pos	0	1	2	0.86275	0.73700252	0.83609	0.70654638	0.0715	1.3208382	0.63531226	0.84645504	0.7195707	0.85968239	0.59713473	0.81227147	0.70321	0.86476	0.272577746	1.1246192	0.802214132	0.48022784			0.697349	0.71727	0.58630494
small nuclear RNA activating c	NM_003086	6621	9q34.3	130337826	neg	1	1	0			0.27409	1.6534127					0.92037294	0.5526371	0.45959253	0.87322307	0.9301	0.52655			0.660191997	0.34353222			0.537057	0.6624	
lymphocyte antigen 75	NM_002349	4065	2q24.2	158591419	neg	1	1	2	0.48722	1.0105948	0.13588	1.55721601	0.933915	0.42145539	0.43129968	1.01242202	0.95516406	0.5124507			0.95856	0.51245	0.193046278	1.23982157	0.576879216	0.78882907			0.410531	1.02046	
cornichon-like	NM_005776	10175	14q22.2	52217713	pos	1	1	2	0.39609	1.09583749	0.04304	2.11625731	0.997552	0.40023003	0.42996065	1.02535289	0.88732476	0.67406088	0.87684662	0.26534417	0.82847	0.72937	0.121007071	1.34447433							0.48624392
proteasome (prosome, macrop	NM_002799	5695	9q33.3	118230466	pos	0	1	2	0.50806	0.99296778	0.64698	0.85952986	0.830327	0.8029636	0.29386018	1.12008648	0.71685384	0.75664035	0.68844699	0.76641959	0.61919	0.71815	0.419201544	1.07155519	0.28013726	1.10204458			0.32423	1.17938	0.48137491
nuclear receptor subfamily 1,	NM_007121	7376	19q13.33	51508577	neg	0	1	1	0.92052	0.67086117	0.84177	0.703737			0.47759132	0.85022909	0.87227649	0.72009687	0.54966455	0.87370754	0.87793	0.70987	0.166948221	1.20749635	0.906653889	0.48415941	0.82830975	0.61398695	0.821587	0.5815	0.81559052
ring finger protein (C3H2C3 ty	NM_005977	6049	13q12.13	24766889	neg	1	1	2	0.81366	0.77695557	0.67151	0.84861478	0.39496	1.05455274	0.57481169	0.92315673	0.43673129	1.0340198	0.34943813	1.09409807	0.58278	0.93824	0.525497811	1.00245137	0.526962153	0.75959365	0.5061516	0.95394296	0.59889	0.75254	0.54856464
centromere protein F (350/400	NM_016343	1063	1q41	213428707	pos	1	1	1	0.4276	1.08662533	0.04651	2.23538647					0.67990122	0.82366198			0.67925	0.82366	0.32952964	1.31087694	0.510129643	0.81153067	0.64056995	0.67780984			
sarcospan (Kras oncogene-as	NM_005086	8082	12p12.1	26709151	pos	1	1	1	0.8138	0.74562428	0.5492	0.94413815	0.525726	0.97803028	0.46818513	0.96688714	0.51829267	0.99905565	0.45902498	0.90338452	0.48903	0.99915	0.25614836	1.13590958	0.650276355	0.83934895	0.59626317	0.87089381	0.481146	0.91426	0.35105997
catalase	NM_001752	847	11p13	36013536	neg	1	1	2	0.17785	1.3603194	0.23606	1.57606337	0.626836	0.92590807	0.36954886	1.19571663	0.49889806	1.00361033	0.67988517	0.42378813	0.47334	1.01251	0.530191119	1.00036759	0.532532692	0.70633323	0.55491268	0.90574108	0.625243	0.70699	0.49873145
progesterone receptor	NM_000926	5241	11q22.1	103103489	pos	0	1	2									0.97010196	0.40471921			0.9729	0.40472			0.243129127	1.97272824	0.34875861	1.53286108			
putative nucleotide binding pro	NM_014366	26354	3p21.31	51811916	neg	1	1	1																							
chromosome 8 open reading fr	NM_007175	11160	8p12	37491683	pos	1	1	0																							
estrogen receptor 2 (ER beta)	NM_001437	2100	14q23.2	62027231	neg	1	1	2																							
chromosome 14 open reading	NM_004894	9556	14q32.33	101769874	neg	1	1	2	0.6501	0.88265713	0.58977	0.90603053	0.194522	1.71540515	0.49760906	0.95613038	0.84851974	0.66907595	0.705436	0.70760356	0.81661	0.64835	0.256527959	1.16611109	0.813529121	0.4657459			0.822163	0.59294	0.50992411
cholinergic receptor, nicotinic,	NM_000747	1140	17p13.1	7755216	neg	0	1	2									0.59005601	0.88501169			0.58639	0.88501									
Down syndrome cell adhesion	NM_001389	1826	21q22.2	37958770	pos	1	1	2	0.62728	0.84186487	0.29857	1.37028302			0.33436799	1.47411745	0.76037888	0.7451607			0.76217	0.74516	0.13610643	2.01958488	0.250592978	1.29075464			0.224468	1.89412	
ribonuclease/angiogenin inhib	NM_002939	6050	11p15.5	225926	neg	1	1	0	0.65351	0.90141593	0.84702	0.70249864	0.090333	1.23883063	0.86555994	0.78178612	0.65609082	0.97863236	0.41312995	0.98784397	0.79257	0.82198	0.550789307	0.99298978	0.751072332	0.54867557			0.79198	0.64338	0.68231479
hypothetical protein FLJ20085	NM_017660	54815	19p13.11	20062979	neg	1	1	0	0.89521	0.6832526	0.64294	0.86940571	0.999897	0.42436334	0.48331503	0.972718	0.3934446	1.01902731	0.3700399	1.02177577	0.56386	0.947	0.417662522	1.07097565	0.302299424	1.02901645			0.219011	1.26126	0.53328776
SMC1 structural maintenance	NM_006306	8243	Xp11.22	50329031	pos	1	1	2	0.53461	0.97497087	0.34334	1.13078632	0.24631	1.13146165	0.00043314	2.00420808	0.62972641	0.74135732	0.6424378	0.68381811	0.5019	0.99067	0.434439458	1.04623113	0.681673697	0.74794033	0.34957369	1.22615039	0.795516	0.6109	0.56674004
replication protein A1 (70kD)	NM_002945	6117	17p13.3	2039323	neg	1	1	2									0.65245619	0.82759347			0.6509	0.82759			0.489744092	0.78027814	0.62215803	0.71969697			
karyopherin alpha 5 (importin	NM_002269	3841	6q22.1	116845795	pos	1	1	0	0.33013	1.13381702	0.10838	1.52431601	0.53632	0.95667189	0.44516268	0.99800253	0.40708174	1.05814151	0.42998898	0.93117456	0.33695	1.11515	0.267195797	1.1341475	0.711049207	0.66822798	0.64364981	0.83374731	0.541047	0.8686	0.35468986
decay accelerating factor for c	NM_000574	1604	1q32.2	206154964	pos	1	1	1	0.13591	1.36376625	0.10982	1.50901719	0.299354	1.14524735	0.23186701	1.46424101	0.4863655	1.01292231	0.76725032	0.67836771	0.32916	1.13156	0.388020839	1.06232822	0.309709398	1.17388999	0.25865254	1.4037518	0.65913	0.73863	0.14199321
TGFB-induced factor 2 (TALE	NM_021809	60436	20q11.23	34930508	neg	1	1	2																							
brain expressed, X-linked 1	NM_018476	55859	Xq22.1	97619356	neg	1	1	2	0.05495	1.6170947	0.13451	1.45909199	0.141769	1.22373569	0.36610802	1.04485842	0.24987682	1.11529549	0.31967146	1.08006601	0.22395	1.37557	0.885384277	0.80046215	0.29682056	1.058327	0.5238739	0.95290888	0.102596	1.61729	0.54996597
YME1-like 1 (S. cerevisiae)	NM_014263	10730	10p12.1	27134746	pos	0	1	2	0.79365	0.80746078	0.83725	0.71373603	0.064977	1.26805747	0.85908998	0.80833375	0.46844675	1.00579312	0.36962447	1.02034193	0.82697	0.79301	0.326928289	1.07518275	0.887004546	0.40279116			0.96326	0.40576	0.89842251
CGI-29 protein	NM_015957	51074	11p13	36456431	neg	1	1	2									0.98696038	0.35850339			0.98866	0.3585									
hypothetical protein MGC2714	NM_032299	84259	11q22.3	105126415	pos	1	1	2	0.22532	1.25557804	0.06368	1.77922149	0.537951	0.9718641	0.67608397	0.78491452	0.74603472	0.77654303	0.77741528	0.47052779	0.65689	0.84698	0.391631163	1.06660504	0.499333848	0.71222404			0.618086	0.72923	0.47233673
nuclear LIM interactor-interact	NM_021198	58190	2q35	217280280	neg	1	1	2									0.98965792	0.3582673			0.99111	0.35827									
ATPase, Cu++ transporting, be	NM_000053	540	13q14.3	50506767	neg	1	1	2	0.23397	1.24808067	0.11259	1.49740916	0.793871	0.85318903	0.55486596	0.7561186	0.75119694	0.71901892	0.80001691	0.60403331	0.49694	0.99376	0.13363165	1.1914353	0.555259534	0.75358824	0.60475668	0.83196497	0.658326	0.66609	0.65582486
Glutamate dehydrogenase-2	NM_012084	8307	Xq24	114899234	neg	1	1	0									0.78128703	0.75751837			0.78363	0.75752			0.532570311	0.72507138	0.6765433	0.67946546			
YY1 associated factor 2	NM_005748	10138	12q12	42627274	pos	1	1	1									0.35378501	1.21865704			0.34324	1.21866									
transketolase (Wernicke-Kors	NM_001064	7086	3p21.31	52351695	neg	1	1	1									0.59760678	0.86661034			0.5942	0.86661									
oxoglutarate (alpha-ketoglutar	NM_002541	4967	7p13	44292624	neg	1	1	2	0.88014	0.71485848	0.6728	0.84651741	0.356823	1.10604105	0.41605248	1.02655919	0.63003904	0.92114113	0.23325626	1.34437741	0.83922	0.72717	0.188816677	1.2027958	0.919661483	0.47785864	0.83257366	0.62138591	0.797636	0.61765	0.52077264
DiGeorge syndrome critical re	NM_022719	8220	22q11.21	16061694	neg	1	1	2	0.68476	0.88254824	0.77059	0.77088242	0.177495	1.14024209	0.69751265	0.79518681	0.29141685	1.06564196	0.26835604	1.09041645	0.4351	1.02875	0.933228008	0.82569319	0.87507255	0.58707982	0.83133634	0.69430861	0.897643	0.53913	0.91901283
nephrosis 2, idiopathic, steroi	NM_014625	7827	1q25.2	177044015	pos	1	1	2																							

putative protein O-mannosyltra	NM 013382	29954	14q24.3	75249030	neg	1	1	2			0.20324	1.58785842	0.8485	0.42564948	0.42108178	1.0668479	0.95797289	0.52812282			0.96128	0.52812	0.248964764	1.53666979	0.615329116	0.53380743			0.578681	0.73203	
FXYD domain-containing ion tı	NM 014164	53827	19q13.12	36263130	pos	1	1	1									0.99253795	0.24482929			0.9937	0.24483									
hypothetical protein MGC1305	NM 032710	84796	11q23.3	120660489	neg	1	1	2			0.35213	1.20660793	0.194063	2.041064	0.40103999	1.17420816	0.82041652	0.69513617			0.82365	0.69514	0.485550663	1.04355872	0.485525531	0.65968192			0.532164	0.77713	
ATPase, Ca++ transporting, pla	NM 001683	491	3p25.3	10298986	neg	0	1	0									0.7366997	0.73469891			0.73782	0.7347									
CD2-associated protein	NM 012120	23607	6p12.3	47447998	pos	1	1	2									0.97883923	0.38194893			0.98115	0.38195									
hypothetical protein FLJ20623	NM 017905	55002	13q34	112755347	neg	1	1	2	0.17442	1.311083	0.02808	1.97828756	0.220941	1.22097689	0.53458834	0.9340896	0.69507367	0.90512922	0.43919964	0.9550392	0.70544	0.87023	0.080505903	1.24786679	0.277501977	1.06072099	0.39211784	1.38975967	0.317761	1.18954	0.27713606
hepatitis B virus x interacting	NM 006402	10542	1p13.3	111360138	neg	1	1	2	0.49872	0.9995849	0.29753	1.20211667	0.248692	1.18385097	0.26068363	1.29482107	0.8926705	0.6399618	0.66795539	0.45304503	0.88535	0.64864	0.178624366	1.28597884	0.61474865	0.74398054	0.55734538	0.88482225	0.625371	0.65882	0.61572801
hypothetical protein FLJ20967	NM 022071	63898	8p21.3	19046098	neg	1	1	2									0.63185645	0.79489105			0.62961	0.79489									
hHDC for homolog of Drosoph	NM_016217	51696	6q24.1	139079414	pos	1	1	2																							
splicing factor 1	NM 004630	7536	11q13.1	67047831	neg	1	1	2									0.5089334	0.8870037			0.50258	0.887									
ribosomal protein L7a	NM 000972	6130	14q24.2	67857185	pos	1	1	2									0.91359321	0.55676568			0.9177	0.55677									
N-acetylglucosaminidase, alph	NM 000263	4669	17q21.2	40212439	pos	1	1	2	0.83878	0.72994141	0.83538	0.67416915	0.101813	1.39529177	0.34316773	1.09579739	0.19110374	1.57634487	0.17926834	1.57634487			0.544386851	0.98848233	0.541150766	0.69175973			0.575793	0.79931	0.44583081
transforming growth factor bet	NM 006022	8848	13q14.11	43007965	neg	0	1	2									0.95760082	0.38730354			0.96092	0.3873									
RalGDS-like gene	NM 015149	23179	1q25.3	181131254	neg	1	1	2	0.01943	2.5954994	0.14653	1.61388889			0.47745328	0.94970796	0.80227225	0.77213113			0.80512	0.77213	0.504741772	1.01449743	0.575045074	0.54679959			0.622495	0.65158	
transcription factor binding to	NM 006521	7030	Xp11.23	47669147	neg	1	1	2			0.1409	1.58926645	0.098953	1.5178989	0.58296894	0.85561917	0.72295896	0.81928835	0.60420654	0.32543873	0.71725	0.82405	0.48671469	1.03823395	0.48932117	0.64767665			0.467636	0.88132	
t-complex-associated-testis-ex	NM 006519	6993	6q25.3	158496900	neg	1	1	2	0.14637	1.41809316	0.10063	1.62940705			0.52024078	0.93887417	0.62704461	0.90384472	0.71349478	0.5505238	0.56178	0.94944	0.221956122	1.16000124	0.528607302	0.63162332			0.576497	0.73775	0.26588381
phospholipase C, beta 3 (phos	NM 000932	5331	11q13.1	66534851	neg	1	1	0									0.99948929	0.26072679			0.99963	0.26073									
multiple endocrine neoplasia I	NM 130800	4221	11q13.1	67086749	neg	1	1	2	0.6514	0.89515124	0.46655	1.02210111			0.48822735	0.94011469	0.87977853	0.71621453			0.88385	0.71621	0.367952914	1.06559145	0.809302599	0.47441765	0.64582848	0.70092227	0.813971	0.56085	0.63478886
MAD, mothers against decaper	NM 005900	4086	4q31.21	147202813	pos	1	1	2	0.36271	1.09376026	0.93902	0.58091812	0.636546	0.94113446	0.42024517	1.06967081	0.44146572	1.03370803	0.43205237	0.92825154	0.39138	1.06269	0.047238488	1.2805074	0.700920269	0.6459685	0.3453003	1.16210809	0.773895	0.60485	0.44622763
v-erb-b2 erythroblastic leukem	NM 004448	2064	17q12	37355863	pos	1	1	1	0.83643	0.76258265	0.09178	2.72624459					0.71294806	0.82405493			0.71335	0.82405	0.520089249	1.00775778	0.646903707	0.59322806	0.7799406	0.56080283	0.537747	0.77436	
monoamine oxidase B	NM 000898	4129	Xp11.3	41637317	pos	1	1	1									0.45252952	1.05595083			0.44445	1.05595									
solute carrier family 31 (coppe	NM 001860	1318	9q32	106718201	neg	1	1	2			0.15292	7.0622807					0.90083085	0.56083048			0.90497	0.56083									
MYC-associated zinc finger pro	NM 002383	4150	16p11.2	29339251	neg	1	1	0									0.92113561	0.50202407			0.92519	0.50202									
mutL homolog 1, colon cancer	NM 000249	4292	3p22.3	36337557	pos	1	1	2	0.15755	1.356346	0.08846	1.61388889	0.647677	0.90776592	0.54958676	0.92554644	0.23018019	1.34318728	0.21863088	1.34296219	0.48073	1.43245	0.540071442	0.9954346	0.570987424	0.54233227			0.553724	0.73569	0.67695231
hypothetical protein FLJ14888	NM 032856	84942	15q25.2	81254588	neg	1	1	2	0.21304	1.28228332	0.23687	1.2763165	0.21915	1.21568633	0.45770691	0.98869367	0.52771963	0.85355764	0.52557083	0.69769859	0.48966	0.91694	0.439976598	1.04020291	0.639459239	0.50786532			0.702746	0.58715	0.43873289
unc-93 homolog B1 (C. elegans	NM 030930	81622	11q13.3	70281507	neg	1	1	2	0.23551	1.23768524	0.07559	5.08294574	0.469575	1.0150798	1	0.2410008	0.96222763	0.57041043			0.96538	0.57041	0.104848773	1.24913702	0.538391758	0.84595852			0.430154	0.98409	0.35338759
BUB3 budding uninhibited by	NM 004725	9184	10q26.13	123930931	neg	0	1	1	0.42514	1.07289766	0.29357	1.30581897	0.529289	0.94963731	0.64457277	0.80627043	0.60248203	0.90141974			0.59924	0.90142	0.524690173	1.01165864	0.568561233	0.43799582			0.499231	0.75033	
cAMP response element-bindi	NM 004904	9586	7p15.1	28117713	neg	1	1	0									0.46623078	1.04332002			0.45856	1.04332									
homeo box B7	NM 004502	3217	17q21.32	46395738	pos	0	1	2									0.99990608	0.15726875			0.99994	0.15727									
CCAAT/enhancer binding prot	NM 001806	1054	19q13.11	34482195	neg	1	1	2			0.06697	1.88233519	0.035073	2.12027129			0.90928037	0.58802874			0.91341	0.58803			0.346474466	1.16261638	0.48250735	0.99751313			0.39876203
hypothetical protein FLJ20641	NM 017915	55010	12q23.2	101652966	neg	1	1	2	0.22656	1.28640484	0.24775	1.26805556	0.417275	1.07840896	0.64361542	0.59271149	0.3232007	1.21308615	0.54845909	0.69956602	0.3047	1.22543	0.114685929	1.32421593	0.649399248	0.99543536	0.52427004	0.70214339	0.334384	1.25952	0.62581186
CK2 interacting protein 1; HO0	NM_016274	51177	1q21.2	147773284	pos	0	1	0			0.21891	1.45456811	0.356428	1.25586706			0.08364708	1.52801028			0.07474	1.52801			0.104409078	1.39359365	0.10710841	1.74901727	0.135666	1.82257	0.14754767
PR domain containing 1, with	NM 001198	639	6q21	106371491	neg	1	1	2	0.20309	1.31335658	0.14389	1.50322222	0.568059	0.9505068	0.39802953	1.04136222	0.64608031	0.8859929	0.43021471	0.91187041	0.63044	0.86992	0.403391369	1.07133821	0.733881479	0.59768063	0.69883031	0.71606825	0.720054	0.64841	0.95761089
suppressor of var1, 3-like 1 (S.	NM 003171	6832	10q22.1	69751261	neg	1	1	2	0.45159	1.05560243	0.39491	1.40067317	0.824984	0.6546935	0.77119033	0.58996931	0.40128708	1.10500568			0.39182	1.10501	0.657958873	0.7518884	0.565973223	0.82478332	0.51416349	0.69304153	0.50477	0.82353	0.69118909
heterogeneous nuclear ribonu	NM 031263	3190	9q21.32	77626840	neg	0	1	2			0.50968	0.95612745	0.649841	0.74026855	0.80548624	0.57170691	0.13309784	1.8210471			0.12227	1.82105			0.561713999	0.51709552	0.51649806	0.4040404	0.45801	0.87724	
glucose-6-phosphate dehydrog	NM 000402	2539	Xq28	147822874	neg	1	1	2			0.16369	1.62436869	0.023164	2.63684984	0.21824007	1.46168846	0.8680988	0.63393901			0.87207	0.63394	0.520617803	1.01207804	0.550004844	0.1813133	0.63369348	0.20827527			
hypothetical protein DKFZp761	NM 032288	84248	3q29	194579792	neg	1	1	2																							
6.2 kd protein	NM_019059	54543	7p15.3	22495073	neg	0	1	2	0.65285	0.81606114	0.3985	1.12804006	0.727429	0.73414221			0.82297136	0.69835473			0.82626	0.69835	0.512602836	1.05031425	0.535238263	0.72228402			0.462732	0.89216	
hypothetical protein FLJ12816	NM_022060	63874	14q11.2	20439591	neg	0	1	2	0.30119	1.17704378	0.07212	1.67791212	0.523237	0.97383281	0.48538181	0.81196557	0.53310549	0.95221808	0.55824367	0.74355882	0.50755	0.98578	0.268602816	1.13454171	0.541874112	0.60632456			0.579164	0.72612	0.53421422
hypothetical protein MGC2306	NM 032638	84724	3q21.3	125000400	neg	1	1	2									0.87171326	0.53858457			0.87572	0.53858									
CGI-128 protein	NM_016062	51647	16q22.1	57660388	neg	1	1	2	0.6635	0.8774121	0.32585	1.15736269	0.330429	1.10875728	0.23978911	1.59334398	0.96496275	0.6066876	0.89513086	0.43075652	0.92953	0.64804	0.296162954	1.12684332	0.274299813	1.08222192			0.210641	1.3356	0.23950231
Homer, neuronal immediate ea	NM 004838	9454	19p13.11	19534324	neg	0	1	0	0.42704	1.04761914	0.85552	0.69379487	0.134447	1.18457051	0.34744736	1.04426226	0.55884832	0.97701962	0.79938714	0.73233162	0.38901	1.05574	0.344925297	1.0670991	0.78313073	0.60534118	0.35554054	1.1278985	0.884435	0.55409	0.33893356
RAS-like, estrogen-regulated,	NM 032918	85004	12p12.3	15000312	pos	1	1	1	0.08836	1.55747159	0.1227	1.56259557	0.525777	0.96553532	0.43861222	1.01452864	0.30842578	1.33097551	0.45980795	0.89679948	0.25082	1.51521	0.29487722	1.12919805	0.004663087	2.68431679	0.1144882	1.9727408	0.000962	6.19706	0.12539151
phosphodiesterase 4D interact	NM 014644	9659	1q21.1	143443523	neg	1	1	2	0.57953	0.91152068	0.01168	2.99957483	0.675724	0.60236383	0.38704608	1.15590501	0.50717043	0.96679665			0.49924	0.9668	0.474319054	1.05371243	0.373876505	1.26898455	0.47685359	1.04395604	0.479298	0.84	
ribosomal protein S6 kinase, 9	NM 004755	9252	14q32.11	88842978	neg	1	1	2	0.05663	1.55740374	0.05116	1.74917936	0.155812	1.24620688	0.33122041	1.23403373	0.71093294	0.8423706	0.82413424	0.48125546	0.58266	0.93253	0.353893109	1.06923386	0.332591138	1.10618746	0.35642446	1.18807119	0.571673	0.78575	0.19507504
adaptor-related protein comple	NM 004068	1173	3q27.1	180722245	neg	1	1	2	0.17338	1.29148643	0.00736	2.48667335	0.152173	1.26149052	1.4895E-06	2.6202454	0.86182493	0.68308468	0.83321594	0.68919457	0.70548	0.65907	0.03075393	1.36261071	0.511187795	0.82968191			0.41607	1.0015	0.96350365
tumor suppressor deleted in o	NM 005851	10263	11q13.3	69796900	neg	1	1	1			0.19869	1.55453795			0.34549272	1.17997941	0.75233429	0.76133872			0.7539	0.76134									0.29892339
hypothetical protein FLJ12748	NM 024871	79929	#N/A	#N/A		1	1	2									0.69600572	0.83003471			0.69587	0.83003									
acetyl-Coenzyme A transporter	NM_004733	9197	3q25.31	152426036	neg	1	1	0									0.96980477	0.43833789			0.97262	0.43834									
SEC24 related gene family, me	NM 014822	9871	4q26	120402586	pos	1	1	2																							
glycogen synthase 1 (muscle)	NM 002103	2997	19q13.33	50129707	neg	1	1	1	0.72677	0.80277723	0.42504	1.06107955			0.09619906	2.41186693	0.86731845	0.73294395	0.12266608	1.78998751	0.98271	0.50018	0.036287039	1.72679311	0.767882168	0.64078712	0.55913794	0.92594033	0.84088	0.49911	0.18438112
transcription elongation factor	NM_003197	6922	5q31.1	133141057	neg	1	1	0									0.95813151	0.29009118			0.96143	0.29009									
hypothetical protein FLJ12171	NM 024619	79672	17q25.3	79801685	neg	1	1	2																							
desmocollin 2	NM 024422	1824	18q12.1	28670392	pos	1	1	2	0.48696	1.00787468	0.23298	1.28682171	0.543829	0.96680898	0.25986507	1.24933511	0.89131278	0.71276915	0.40785647	0.89093724	0.91082	0.64894	0.45233331	1.03738334	0.744546892	0.36475395			0.839156	0.39804	0.54398393
ubiquitin specific protease 28	NM 020886	57646	11q23.2	116022449	pos	1	1	2																							
ADP-ribosyltransferase 5	NM 053017	116969	11p15.4	4234636	pos	1	1	2			0.37126	1.19767544					0.96133698	0.52165194			0.96452	0.52165									
BCL2-associated X protein	NM 004324	581	19q13.33	50116453	neg	1	1	1	0.89326	0.68104793	0.80469	0.70221305	0.28901	1.18547071	0.43363782	1.00535099	0.68700558	0.97322692	0.41210807	0.98738937	0.89645	0.7189	0.26862945	1.14312701	0.834933785	0.44051986			0.868535	0.53866	0.53807312
NADH dehydrogenase (ubiquin	NM 004545	4707	14q32.12	90088268	pos	1	1	1	0.28925	1.19134042	0.19832	1.32630546	0.413525	1.04999147	0.3342484	1.17619414	0.75755134	0.82795252	0.63157399	0.75839595	0.73525	0.83663	0.39637625	1.05959147	0.693613666	0.51419698			0.804099	0.54118	0.56255714
highly charged protein	NM 005800	10208	13q12.3	29172068	neg	1	1	2	0.17828	1.28623561	0.14431	1.41416456	0.85612	0.82378179	0.72797954	0.85237675	0.34744614	1.10173209	0.84325636	0.55783235	0.18535	1.25145	0.420261843	1.04065605	0.687452938	0.49715724			0.72401	0.5993	0.2993352
potassium channel, subfamily	NM 016601	51305	8q24.3	139585480	neg	1	1	2									0.43462046	1.07601406			0.42604	1.07601									
parathyroid hormone-like horn	NM 002820	5744	12p11.22	28488211	pos	1	1	2									0.9824892	0.3836622			0.98455	0.38366									
hypothetical protein FLJ11046	NM 018309	55773	3q12.2	96664494	pos	1	1	1			0.16889	2.63042929					0.85411522	0.51263799			0.85792	0.51264			0.45002287	1.04054757	0.49611033	0.94477594	0.690001	0.39804	
selenoprotein SelM	NM 080430	140606	22q12.2	28196812	neg	1	1	2									0.90725372	0.53020204			0.91139	0.5302			0.042300749	2.64331552	0.15098552	2.64537265	0.085953	3.20588	
Kell blood group precursor (Mc	NM 021083	7504	Xp21.1	35650312	pos	0	1	2									0.4881859	1.00997681			0.48118	1.00998									
immunoglobulin superfamily, r	NM 052868	93185	1q23.2	157853333	pos	0	1	0																							
peroxisomal biogenesis factor	NM 000286	5193	17q12	33671834	pos	0	1	2	0.32916	1.19425256	0.15801	1.52347495	0.542822	0.93991032	0.99997138	0.49325284	0.20494508	1.50731228			0.19302	1.50731	0.521593757	1.02132858	0.670486359	0.57774013	0.78734079	0.56792414	0.539436	0.76385	0.52919653
protein regulator of cytokinesi	NM 003981	9055	15q26.1	87697753	neg	1	1	1																							
phosphodiesterase 5A, cGMP-	NM 033430	8654	4q26	121177050	pos	1	1	2																							
deafness, autosomal dominant	NM 004403	1687	7p15.3	24380456	neg	1	1	1	0.55173	0.94759322	0.44696	1.06100324					0.86835456	0.6773591			0.87233	0.67736	0.167226971	1.53473213							
KIAA0971 protein	NM 014929	22868	2q33.3	205848269	neg	1	1	0	0.41126	1.12892397	0.35145	1.20073333	0.523637	0.95922183	0.20321948	1.87322568	0.72334312	0.8128146			0.72406	0.81281			0.595792432	0.9554748	0.48931647	0.78512397	0.362903	1.14286	
hypothetical protein FLJ20552	NM 017876	55658	19p13.3	699369	neg	1	1	0																							
polymerase (RNA) III (DNA dire	NM 006466	10621	20p11.23	18436136	neg	1	1	2	0.38827	1.09318644	0.17496	1.37413836	0.749973	0.88746945	0.41632596	1.01966298	0.43527789	1.0453522	0.67035843	0.62131909	0.38588	1.07404	0.514274528	1.0085377	0.735656072	0.63128826	0.73296693	0.72812433	0.711006	0.62236	0.70071351
benzodiazapine receptor (perip	NM 000714	706	22q13.2	40149985	pos	1	1	2	0.61625	0.7125457	0.66079	0.81432677	0.087633	1.57223144			0.7060344	0.86787415	0.48624165	0.8465306	0.70585	0.86794	0.167149227	1.2644035	0.739066525	0.68899951	0.45556521	1.02511459	0.703146	0.71139	0.28960409
hypothetical protein FLJ14871	NM 032854	84940	17q11.2	27601977	neg	1	1	2	0.20117	1.25603496	0.15413	1.39166667	0.269757	1.10929918	0.11708223	1.29788777	0.64573494	0.92016768	0.95144804	0.38779877	0.37777	1.07939	0.592741507	0.97789217	0.163942951	1.47987742	0.05159835	2.27354407	0.760558	0.60706	0.01846058
WW45 protein	NM 021818	60485	14q22.1	48422225	neg	1	1	1			0.20721	1.815625					0.94735367	0.5487876			0.95098	0.54879									
developmentally regulated GTI	NM 004147	4733	22q12.2	28491651	neg	1	1	1	0.2747	1.18625287	0.21991	1.28605574	0.57589	0.95745946	0.28014597	1.14529002	0.34598064	1.11427339	0.46219252	0.87008241	0.32684	1.12286	0.4801923	1.02251907	0.66522083	0.50022785			0.747309	0.55809	0.64124595
ras homolog gene family, mem	NM 004040	388	2p24.1	20538505	pos	1	1	2																							
hypothetical protein FLJ23416	NM 032238	84198	17q25.3	75309770	neg	0	1	2	0.18277	1.27056829	0.29023	1.18358997	0.518622	0.98508091	0.89030025	0.80143377	0.79257648	0.81895441	0.53970887	0.90103082	0.79501	0.81453	0.207514994	1.14413956	0.492727805	0.8192326			0.424996	0.99203	0.09074523
uncharacterized hematopoietic	NM 018466	55849	Xq23	106227458	pos	1	1	2	0.92621	0.66297884	0.85099	0.68236173	0.177074	1.77798772	0.57072019	0.92823665	0.95197873	0.60789668			0.95548	0.6079	0.255869005	1.13245953	0.942038335	0.44864038	0.92072541	0.5423543	0.784403	0.60041	0.94954528
leukocyte tyrosine kinase	NM 002344	4058	15q15.1	37163492	neg	0	1	2	0.51713	0.98698751	0.77603	0.75950957	0.49904	0.99433868	0.32096724	1.09722166	0.47681939	1.01006928	0.33854459	1.06537401	0.70939	0.86819	0.268147195	1.13204603	0.013591302	2.4836996	0.32162857	2.16414733	0.004671	3.40933	0.24974837
CCR4-NOT transcription comp	NM 013354	29883	8p22	16980228	pos	1	1	1									0.99875205	0.21061943			0.99904	0.21062									
gamma-aminobutyric acid (GA	NM 018558	55879	Xq28	146146637	neg	1	1	2	0.87548	0.54370863	0.45491	1.04326389					0.89569067	0.70924064	0.26914993	1.95291211	0.9303	0.66419			0.988475387	0.22478469	0.99329369	0.28689374	0.571923	0.74319	
a disintegrin-like and metallop	NM 007037	11095	11q24.3	132275617	pos	0	1	2	0.80273	0.68631189	0.38059	1.14205426	0.365532	1.18183674	0.41137142	1.1743415	0.67907647	0.81685806			0.6784	0.81686	0.468359685	1.07518547	0.181050908	1.55809735	0.22400787	1.532128			0.17830553
phosphorylase kinase, alpha 2	NM 000292	5256	Xp22.13	18454920	neg	1	1	2																							
coagulation factor II (thrombin	NM 001992	2149	5q13.3	74817006	neg	1	1	2	0.96247	0.52999254	0.58751	0.9019536					0.75595708	0.77572631			0.75763	0.77573	0.423413325	1.05353924	0.894234882	0.41466681	0.92576117	0.47077922			
hypothetical protein FLJ14146	NM 024709	79762	1q41	219460158	pos	1	1	2	0.49841	0.98119597	0.18612	1.44052541	0.530736	0.96848445	0.40166916	1.0735737	0.24993203	1.25375925	0.53262092	0.78772759	0.23394	1.26077	0.753130236	0.88326496	0.207516799	1.22413382			0.181141	1.40759	0.49169023
BCL2-like 12 (proline rich)	NM 052842	83596	19q13.33	50826731	neg	1	1	2									0.67082074	0.79187403			0.66987	0.79187									
metaxin 2	NM 006554	10651	2q31.1	175196699	neg	1	1	2	0.51629	0.98357474	0.39456	1.14427803	0.328903	1.53096028	0.50462718	0.93128798	0.84506147	0.67091633			0.84873	0.67092	0.361688177	1.12940843	0.529342224	0.62189848			0.484333	0.86804	0.46081645
tuftelin 1	NM 020127	7286	1q21.3	149354718	neg	1	1	2	0.37936	1.20343134	0.11463	3.48138889	0.862838	0.54940991	0.8315101	0.40342284	0.22793581	1.54224063			0.21596	1.54224									
zinc finger, imprinted 2	NM 015363	23619	19q13.43	58206554	pos	1	1	1	0.173	1.41130162	0.19881	1.4281014	0.861281	0.68811806	0.59428577	0.8134089	0.47875198	1.0137098	0.53724443	0.6811563	0.4697	1.01458	0.319758562	1.13847733	0.052077578	2.39620161			0.042579	2.65359	0.58273992
arylsulfatase D	NM 001669	414	Xp22.33	2130396	neg	0	1	0	0.56267	0.95698367	0.83603	0.70163136	0.270058	1.12812767	0.29283989	1.1105149	0.56042193	0.95372773	0.44424662	0.95368392	0.49862	0.97484	0.15191382	1.19327278	0.609392335	0.94809059			0.24601	1.22246	0.794287
hypothetical protein FLJ20125	NM 017676	54826	5q21.1	102083303	pos	0	1	2	0.26159	1.25565638	0.22294	1.33539604	0.867797	0.6929529	0.5722099	0.79418706	0.35373436	1.28911345	0.52053069	0.39404208	0.34244	1.29096	0.659327923	0.8484204	0.587417105	0.84726615			0.39784	1.04686	0.52800958
serine/threonine kinase 18	NM 014264	10733	4q28.1	129715102	pos	1	1	2	0.30428	1.33539439	0.16079	1.93559432	0.714957	0.73775052	0.56872314	0.67195793	0.56506468	0.76713218	0.68499886	0.17846234	0.46267	1.2051									
UDP-glucose ceramide glucos	NM 003358	7357	9q31.3	105457401	pos	1	1	2	0.66824	0.82311213	0.42913	1.06333812	0.917183	0.58842255	0.42304168	1.04175333	0.78771491	0.65605632	0.54479583	0.65875111	0.78794	0.656									
KIAA0747 protein	NM_015292	23344	12q13.2	56416698	pos	0	1	2	0.24914	1.4164269	0.09256	1.77603785	0.731052	0.69937688	0.38802275	1.07562469	0.62345941	0.85381808	0.46783055	0.81395419	0.61706	0.85554	0.597866957	0.90829032							0.41481431
heparan sulfate (glucosamine)	NM 006042	9955	17p12	13765015	pos	1	1	2	0.01043	1.95828277	0.043	1.8394969	0.634404	0.90912187	0.35670378	1.07028059	0.23505611	1.24891748	0.3180031	1.1675185	0.22648	1.6219	0.083526614	1.32439129	0.031807213	1.70749349	0.04583358	1.95937205	0.008052	4.78005	0.3154116
HSPC189 protein	NM 016535	51545	19q13.42	57034306	neg	1	1	2	0.00051	2.68658461	0.33889	1.13322173	0.984512	0.66054756	0.2301436	1.29152813	0.393634	1.10707029	0.61511251	0.67489636	0.35087	1.14637	0.230194149	1.14928379	0.750110099	0.59932492	0.65653446	0.80053534	0.589717	0.75963	0.59902319
hypothetical protein FLJ11196	NM 018357	55323	15q23	66919160	pos	1	1	2	0.68972	0.79488314	0.57592	0.89358178			0.45877641	0.98194525	0.70027773	0.80926223			0.70028	0.80926	0.496529701	1.06613928	0.525852869	0.90630382	0.3827052	1.19204467			0.60363384
hypothetical protein FLJ11149	NM 018339	55312	9q21.13	70044769	pos	1	1	1									0.86051248	0.58189436			0.8644	0.58189			0.223539619	1.63428576	0.33416402	1.36363636			
RAB4B, member RAS oncogen	NM 016154	53916	19q13.2	41924448	pos	1	1	2	0.08961	1.52108873	0.05357	1.89779614	0.971225	0.49244003	0.43160438	1.01043789	0.51391216	0.99142981	0.71741025	0.47646316	0.42432	1.09466	0.476475522	1.02941346	0.56008769	0.60598011			0.591471	0.72794	0.50417441
chromosome 11 open reading	NM 031418	63982	11p14.2	27701921	neg	0	1	2	0.86365	0.5681742	0.56557	0.89045276	0.721993	0.61751571	0.42406327	1.07019201	0.35648914	1.33194563			0.346	1.33195									
hairy/enhancer-of-split related	NM 012258	23462	8q21.13	79562477	pos	1	1	0									0.99520566	0.25937623			0.99604	0.25938									
uridine-cytidine kinase 1	NM 031432	83549	9q34.13	125413889	neg	1	1	2									0.63972464	0.81827395			0.63774	0.81827									
JAK binding protein	NM_003745	8651	16p13.13	11122594	neg	1	1	2	0.88117	0.71169867	0.65508	0.76181542			0.44015413	1.04551261	0.55311705	0.88269458	0.60091559	0.52664912	0.50704	0.98025	0.605531184	0.93181013							
polyglutamine binding protein	NM 005710	10084	Xp11.23	47558306	neg	1	1	1	0.04271	1.66214615	0.14666	1.41373626	0.645812	0.93227824	0.38461155	1.02992954	0.75740698	0.74219453	0.86678433	0.45154952	0.52233	0.97097	0.535571653	0.99811651	0.568057521	0.664336			0.670651	0.70211	0.88976865
BCL2/adenovirus E1B 19kD int	NM 004331	665	8p21.2	26013583	pos	1	1	2	0.63708	0.88118104	0.12188	1.52561905	0.473888	1.01306776	0.46205904	0.86904832	0.35521215	1.15112967	0.62690334	0.40842691	0.32834	1.17094	0.421039822	1.12234845	0.530854776	0.68019266			0.470895	0.85582	0.33613246
zinc finger protein 36, C3H typ	NM 004926	677	14q24.1	66759602	neg	1	1	0			0.30833	1.54493769	0.701711	0.67764507																	
hypothetical protein FLJ10604	NM 018154	55723	19p13.13	14584950	neg	1	1	2	0.16583	1.51756992	0.05195	2.22387892	0.476277	1.01731499			0.46139313	1.05412955			0.45358	1.05413	0.421858006	1.12935822							0.426889
suppressor of Ty 3 homolog (S	NM 003599	8464	6p21.1	44799528	neg	1	1	2																	0.978086112	0.13319828	0.9933051	0.143511			
hypothetical protein FLJ22184	NM 025094	80164	19p13.2	7892370	pos	1	1	0																							
splicing factor 3b, subunit 2, 1	NM 006842	10992	11q13.2	68353960	pos	1	1	0	0.16647	1.35536588	0.07331	1.65749136	0.94082	0.58685697	0.51476632	0.89350939	0.28759309	1.34559538	0.56139756	0.49302209	0.26917	1.36195	0.985437615	0.62207756							0.55295699
neurexin 2	NM 015080	9379	11q13.1	66889334	neg	1	1	0	0.69456	0.81761211	0.41283	1.08197725	0.838699	0.59730389	0.39204511	1.10888325	0.53495016	0.96436855			0.52944	0.96437	0.581818782	0.56450399	0.207494649	1.60093381			0.19808	2.24341	
hypothetical protein MGC4248	NM 032333	84293	10q22.3	81137186	neg	1	1	0	0.39972	1.07371719	0.14553	1.42061353	0.993585	0.59345031	0.44026091	1.00968586	0.59132748	0.91495962	0.42997935	0.29106662	0.5839	0.91842	0.952641834	0.71241309	0.56244131	0.58624679			0.604125	0.69748	0.56076804
G protein-binding protein CRF	NM 012341	23560	10p15.3	1005171	neg	1	1	2	0.41403	1.06594156	0.32776	1.14912231	0.986635	0.64006215	0.38484208	1.05781993	0.56885793	0.93489302	0.4129766	0.44112182	0.55515	0.94376	0.712606581	0.91363805	0.617767686	0.56588171			0.656428	0.67183	0.51531528
sperm associated antigen 4	NM 003116	6676	20q11.22	33962294	pos	1	1	2	0.44681	1.04949924	0.66268	0.84121622	0.378839	1.13298263	0.9626062	0.43647814	0.72486226	0.70013376	0.52088121	0.67333316	0.72487	0.7003	0.503497637	1.03703552	0.501085129	0.68934668			0.526136	0.82353	0.50486483
brain abundant, membrane att	NM 006317	10409	5p15.1	17208016	neg	1	1	1																							
lysyl oxidase-like 1	NM 005576	4016	15q24.1	70239780	neg	1	1	0	0.14583	1.34966249	0.08386	1.5942992	0.989085	0.64505776	0.30957965	1.09035593	0.67952704	0.82991709	0.65577988	0.57385357	0.64205	0.85846	0.690603587	0.93743269	0.63907864	0.97539776			0.349846	1.1394	0.3235038
acylphosphatase 1, erythrocyt	NM 001107	97	14q24.3	73046505	neg	1	1	1	0.82537	0.75565203	0.49117	0.99327869	0.82587	0.79000421	0.83757737	0.69391729	0.34911551	1.14981374	0.47125563	0.77447479	0.33529	1.15392	0.595910364	0.95545173	0.527460597	0.5291997			0.574711	0.64802	0.88441063
HSPC125 protein	NM 014165	29078	6q16.1	97207089	pos	1	1	2	0.33353	1.14385442	0.39453	1.08584229	0.898957	0.7409441	0.42220588	1.03739134	0.30751729	1.19379773	0.68199719	0.41224801	0.26468	1.23541	0.69223414	0.91001304	0.485728014	0.71624505			0.575052	0.76645	0.50418171
FK506 binding protein 5	NM 004117	2289	6p21.31	35543476	neg	1	1	2									0.5658247	0.89033681			0.56134	0.89034									
insulinoma-associated protein	NM 032594	84684	14q13.2	33381308	pos	1	1	2	0.50143	0.99349138	0.0233	2.67126437	0.805961	0.6585983	0.4424545	1.00247436	0.57677939	0.90688637			0.57266	0.90689									
hypothetical protein FLJ20534	NM 017867	54969	4q33	171461874	neg	1	1	2	0.10419	1.51690091	0.06749	1.73392272	0.757872	0.85257836	0.50588333	0.90929142	0.545331	0.95177883	0.52409988	0.5084795	0.53915	0.95293	0.874517527	0.76877177	0.845759735	0.73880393	0.96967324	0.38902539	0.462524	0.93712	0.57594548
family with sequence similarity	NM 016255	51439	6p22.3	17658123	pos	1	1	2			0.24023	2.52670068	0.923743	0.12565097																	
DR1-associated protein 1 (neg	NM 006442	10589	11q13.1	68221014	neg	1	1	2	0.88258	0.54159607	0.32026	1.4119146					0.61326314	0.86581173			0.61038	0.86581			0.293135004	1.30700384	0.43419908	1.09986912			
nerve growth factor, beta polyı	NM 002506	4803	1p13.2	116241872	pos	1	1	2	0.00565	2.11905671	0.02209	2.24791667	0.847881	0.8338139	0.44982919	0.99629282	0.16869711	1.27687557	0.62118184	0.80466809	0.11791	1.35899	0.004225327	1.5373193	0.031500251	2.19658104			0.007713	3.19185	0.50672289
protein predicted by clone 238	NM 013301	29903	19q13.42	57037769	neg	1	1	2					0.820454	0.41983722			0.82319309	0.67758568	0.5165318	0.51108117	0.82629	0.67771									
metallothionein-like 5, testis-s	NM 004923	9633	11q13.3	70997837	neg	1	1	0	0.7222	0.7919035	0.2898	1.29266542	0.738156	0.7100116	0.55717558	0.88126714	0.6349672	0.87572863			0.63282	0.87573									
trophinin	NM 016157	7216	Xp11.22	51799156	pos	0	1	2	0.43843	1.07899484	0.17228	1.74383838	0.913847	0.59309125	0.4152171	1.14671748	0.21787499	1.49695609	0.91498936	0.01869793	0.14259	1.70416	6.10165E-06	1.9444465	0.144939475	1.61400758			0.142028	1.81628	0.64640983
pericentrin 2 (kendrin)	NM 006031	5116	21q22.3	44250689	neg	1	1	2	0.23373	1.27479079	0.05926	1.82549467	0.928705	0.68267479	0.44843569	0.99235427	0.743995	0.78295346			0.74533	0.78295	0.360667779	1.24019288	0.64028733	0.74373974			0.41716	1.00654	0.33761552

tubulin-specific chaperone d	NM 005993	6904	17q25.3	79837127	neg	1	1	0																							
prenylcysteine lyase	NM 016297	51449	2p13.3	70494739	neg	1	1	2									0.51528473	0.96643856			0.50914	0.96644									
Cdc42 effector protein 2	NM_006779	10435	11q13.1	67598132	neg	1	1	2	0.18562	1.51109096	0.03614	2.3351682	0.507631	0.96811737	0.36156623	1.57076191	0.33047674	1.29451933			0.31949	1.29452	0.187564379	1.4680251	0.316230543	1.13641235	0.39497891	1.12589596			
guanine nucleotide binding pro	NM 006496	2773	1p13.3	110570350	neg	1	1	2	0.29649	1.17442174	0.0807	1.72656642	0.689795	0.90763335	0.29267839	1.16833407	0.74001105	0.28385146	0.82897134	0.08406954	0.46268	1.31528	0.311341434	1.13296154	0.561216827	0.69111018	0.69503831	0.66257816	0.505635	0.81025	0.59799313
fatty-acid-Coenzyme A ligase,	NM 004458	2182	Xq23	104187609	pos	1	1	2	0.03319	1.80250801	0.0138	2.52507974	0.716332	0.88825424	0.35460737	1.06922857	0.20979179	1.33556502			0.19784	1.33557	0.199216749	1.29146176	0.923180479	0.33201119	0.95171377	0.3713761	0.489773	0.85986	0.76204838
lactate dehydrogenase C	NM 002301	3948	11p15.1	19555037	neg	1	1	2	0.75715	0.83100756	0.82672	0.72126437	0.757792	0.89660624	0.99376227	0.63537956	0.40229742	1.01998276	0.25955111	1.14194491	0.48125	1.00366	0.72572584	0.92435066	0.252877498	1.10677521			0.369949	1.05134	0.75511146
receptor-interacting serine-thr	NM 003821	8767	8q21.3	89201977	pos	1	1	2	0.19943	1.26080148	0.08003	1.60723368	0.998875	0.59661426	0.68427629	0.8738353	0.41214923	1.05640665	0.79961462	0.62130224	0.26504	1.16485	0.549477615	0.99266906	0.790309345	0.45508275			0.811231	0.56708	0.75245357
hypothetical protein FLJ23251	NM 024818	79876	3q22.1	129320499	pos	1	1	2	0.42243	1.07964345	0.15828	1.44713487	0.880932	0.65156002	0.45735963	0.97012938	0.71953215	0.7604504	0.68705604	0.36093759	0.68657	0.79117	0.544605221	0.97747681	0.662739061	0.38835404			0.68769	0.50215	0.73659566
protein tyrosine phosphatase,	NM 002840	5792	1p34.2	43874023	pos	1	1	0	0.68073	0.77873381	0.31674	1.32736031	0.905462	0.62372193	0.59420621	0.83776875	0.63511632	0.88561192	0.47999458	0.70593308	0.63217	0.88615			0.539432783	0.66133192			0.662139	0.6782	0.55843135
hypothetical protein FLJ14681	NM 032824	84910	2q13	110048813	neg	1	1	2																							
G antigen, family D, 2	NM 133431	9503	Xp11.3	43348884	pos	0	1	0	0.2927	1.14783923	0.90049	0.64174956	0.103251	1.20413129	0.94810633	0.74891842	0.52153062	0.98467705	0.51098667	0.93171314	0.51406	0.986	0.669544895	0.95218224	0.853575442	0.45016864			0.958463	0.42048	0.99993617
hypothetical protein MGC1346	NM_032758	84844	22q13.2	38470250	pos	0	1	2	0.26751	1.19692228	0.18881	1.34557257	0.904454	0.77895538	0.47241409	0.97860792	0.62779899	0.87311273	0.75260617	0.45953771	0.52806	0.96832	0.672803488	0.93311659	0.576863125	0.60037137			0.61311	0.71316	0.72592695
Cbp/p300-interacting transacti	NM 006079	10370	6q24.1	139316562	pos	1	1	2																							
dihydropyrimidinase-like 3	NM 001387	1809	5q32	146798403	pos	0	1	2									0.51746222	0.87440034			0.48862	0.8744									
myosin regulatory light chain i	NM 013262	29116	6p22.3	16187018	pos	1	1	2	0.51614	0.75892677	0.3389	1.13921569	0.203337	1.14507947	0.52360672	0.94551252	0.36973536	1.09914347	0.29261318	1.20092554	0.54342	0.95495	0.728704337	0.86492239	0.843358333	0.56984243	0.60167625	0.87780567	0.843737	0.56315	0.51037523
CDC14 cell division cycle 14 h	NM 003672	8556	1p21.2	101608839	neg	1	1	2					0.817703	0.36819916																	
mevalonate kinase (mevalonic	NM 000431	4598	12q24.11	109069939	neg	1	1	2									0.57948217	0.89919458			0.57546	0.89919									
vacuolar protein sorting 33B (	NM 018668	26276	15q26.1	87731336	neg	0	1	2			0.36057	1.18926859	0.769895	0.59874162	0.37801059	1.09523337	0.63882119	0.86602616	0.50776077	0.62732395	0.6367	0.86611			0.539008831	0.73447737			0.461578	0.89728	
BRCA1 associated protein	NM 006768	8315	12q24.12	110940655	pos	1	1	2			0.29877	1.39630208					0.68681309	0.7048779			0.68638	0.70488									
ferredoxin reductase	NM 024417	2232	17q25.1	72875139	neg	1	1	2			0.2153	3.62107843	0.656085	0.78430058																	
slit homolog 2 (Drosophila)	NM 004787	9353	4p15.31	20186292	pos	1	1	2	5.2E-06	5.24107757	0.01182	2.26138712	0.187486	1.15368134	0.01787583	1.43651612	0.00223475	1.9306532	0.10328352	1.43821908	0.00091	3.00758	6.76796E-07	2.14313406	0.001120717	7.48563198			0.000285	9.39319	0.09003095
histone deacetylase 10	NM 032019	83933	22q13.33	47235385	neg	1	1	2	0.02895	1.66989827	0.20398	1.30770378	0.988529	0.70357682	0.74339726	0.85574459	0.66068744	0.91800203	0.98439014	0.3937119	0.23757	1.1849	0.39369574	1.04821933	0.12396834	1.4126977			0.069769	1.72164	0.34933538
hypothetical protein FLJ22028	NM 024854	79912	12p12.1	21876605	pos	1	1	2	0.72128	0.84134501	0.49514	0.98934599	0.871908	0.7339687	0.79669326	0.66876837	0.40387111	1.07560659	0.54658489	0.72744092	0.38943	1.07988	0.790267767	0.76347046	0.981231433	0.30454377	0.98753709	0.35171709	0.597214	0.80842	0.72702305
disrupted in renal carcinoma 2	NM 032839	84925	3q21.1	119232601	neg	1	1	2	0.02399	1.73305288	0.05001	1.74186246	0.266819	1.11635335	0.44410098	0.99939167	0.54818286	0.98027001	0.79286357	0.76845706	0.33168	1.10246	0.84281428	0.87884109	0.961487875	0.23837684	0.22293969	1.30962888	0.987241	0.28378	0.40973599
MMS19-like (MET18 homolog, S	NM 022362	64210	10q24.1	98111354	neg	1	1	2	0.02696	1.69326793	0.06821	1.63355974	0.749254	0.88635144	0.44142818	1.00127459	0.47884622	1.01028836	0.50055797	0.84767236	0.47155	1.01029	0.550220675	0.99345735	0.390976375	1.00759822	0.22686939	1.30712531	0.646821	0.75862	0.36355043
plakophilin 2	NM 004572	5318	12p11.21	33434227	neg	1	1	2																							
RecO protein-like 5	NM 004259	9400	17q25.1	73615761	neg	0	1	2	0.66269	0.86514905	0.24076	1.28211382	0.99582	0.58406752	0.78970477	0.72340168	0.39122048	1.08606387	0.57972027	0.70564696	0.36785	1.09812	0.626488547	0.92836083	0.59136678	0.56749559			0.688163	0.61404	0.72704958
chromosome 7 open reading fr	NM 032625	129790	7q36.3	154661536	neg	1	1	1	0.0025	2.26897873	0.02599	1.96132241	0.973891	0.73456927	0.51942671	0.96451086	0.36182047	1.09325065	0.69977695	0.78760229	0.2245	1.22889	0.000883321	1.55790053	0.852250974	0.4050459			0.879605	0.50746	0.57525125
slit homolog 1 (Drosophila)	NM 003061	6585	10q24.1	97653861	neg	1	1	2																							
chromosome 21 open reading	NM_024944	140578	21q21.1	16281924	pos	1	1	2	0.00099	2.59466651	0.20481	1.29793013	0.090895	1.25140746	0.2208899	1.13988293	0.00743893	1.68152271	0.17811443	1.32501208	0.00492	2.04962	0.019020133	1.37213267	0.052135211	1.44915291	0.0987731	1.63398123	0.006611	3.20078	0.10936367
E2F transcription factor 5, p13	NM 001951	1875	8q21.2	84913424	neg	1	1	2									0.51733139	0.96274978			0.51125	0.96275									
microtubule-interacting protei	NM 015650	26146	2q37.3	237278121	neg	1	1	2	0.05552	1.64296007	0.04365	1.83485175	0.272265	1.12433903	0.48132327	0.81573017	0.48013957	1.01100967			0.47289	1.01101	0.511633175	1.00737356	0.555960234	0.92463162	0.38017964	1.21153621	0.471032	0.90872	0.45577417
hypothetical protein FLJ12505	NM 024749	79805	1q32.3	211803192	neg	1	1	2	0.01315	1.87178755	0.07713	1.59726229	0.474602	1.03984013	0.48256438	0.95421321	0.24598778	1.10641065	0.24810533	1.13648302	0.37088	1.07081	0.734859386	0.9281613	0.616553249	0.9243932	0.32112147	1.40582207	0.705914	0.68998	0.13286158
testis-specific kinase 1	NM 006285	7016	9p13.3	35917578	neg	1	1	2									0.90549366	0.59828923			0.90963	0.59829									
ring finger protein 24	NM 007219	11237	20p13	3901769	neg	1	1	2					0.858084	0.45006133			0.64639849	0.81351853			0.64464	0.81352									
DnaJ (Hsp40) homolog, subfar	NM 006736	3300	2q35	218160336	neg	1	1	0	0.90467	0.69696699	0.90152	0.63466886	0.904487	0.80651109	0.77886937	0.81699149	0.43538158	1.02904817	0.28173803	1.11881534	0.6773	0.88808	0.690635587	0.92557717	0.80235211	0.49801187			0.825735	0.61078	0.87563562
hypothetical protein FLJ10989	NM 018292	55278	6q21	106912849	neg	1	1	2	0.33555	1.15540671	0.21273	1.44894598	0.848174	0.74519266	0.32752916	1.24066112	0.96054874	0.48667826	0.73985921	0.48973028	0.95324	0.48622	0.537035543	0.98757072	0.703988734	0.4101912			0.619026	0.64275	0.63065056
deleted in lung and esophagea	NM 005106	9940	3p22.3	37381667	pos	1	1	2	0.90794	0.68187649			0.853384	0.82232267	0.3675901	1.04410605	0.36780337	1.0568278	0.31691308	1.12123719	0.46676	1.0164	0.489184958	1.02109438	0.858826343	0.41040215			0.892401	0.50588	0.71029785
cytosolic acetyl-CoA hydrolase	NM 130767	134526	5q14.1	79448026	pos	1	1	2	0.27925	1.32655994	0.08704	1.94084052	0.360775	1.15875776			0.46523549	1.03068479			0.45753	1.03068	0.300414522	1.85041172	0.674229733	0.44789234			0.145475	5.09091	
chromosome 15 open reading	NM 018958	23742	15q11.2	21124324	neg	1	1	2	0.06918	1.49751622	0.17108	1.35841817	0.74122	0.88544708	0.48948837	0.92124132	0.80610997	0.80657642	0.87732311	0.53218157	0.652	0.89787	0.990493147	0.7053024	0.732147522	0.58176258			0.725141	0.72077	0.47061011
stromal antigen 3	NM 012447	10734	7q22.1	98310121	neg	0	1	2	0.65774	0.75254969	0.65789	0.81853015	0.638666	0.87973847	0.2951477	1.30707012	0.18094908	1.34235003	0.51842085	0.69862629	0.16856	1.34373	0.346114716	1.31675722	0.571360107	0.63024187	0.51376945	0.44963925	0.684305	0.67434	0.5164367
solute carrier family 22 (organi	NM 003060	6584	5q23.3	131227585	pos	1	1	2					0.270651	2.45763181																	
hypothetical protein DKFZp434	NM_030952	81788	1q32.1	202997195	neg	1	1	2	0.47899	1.01332542	0.27189	1.21057315	0.894093	0.80264641	0.60995472	0.87268785	0.18008041	1.18768371	0.33940845	1.10682436	0.16758	1.28745	0.788023423	0.88305873	0.758898058	0.63293269	0.65738692	0.82560297	0.614895	0.72962	0.64335651
LIV-1 protein, estrogen regulat	NM 012319	25800	18q12.2	33719122	neg	1	1	1	0.30477	1.17704513	0.06587	1.7285815	0.825835	0.83494078	0.38483606	1.0747338	0.27400248	1.23974012	0.64064073	0.31795551	0.24873	1.25911	0.358730243	1.12031361	0.578337351	0.64992951	0.69148936	0.66050112	0.560409	0.66176	0.56773865
alanine-glyoxylate aminotrans	NM 031279	64850	4q25	110090924	neg	1	1	2	0.39382	1.12948922	0.13433	1.52529833	0.699777	0.87026143	0.50876275	0.93508736	0.60693141	0.94807772	0.41134273	0.94984142	0.55539	0.94193	0.624627029	0.75736653	0.05158319	2.3365255	0.04731965	2.45039683	0.535875	0.8046	0.34697095
forkhead box C2 (MFH-1, mese	NM 005251	2303	16q24.2	77956223	pos	1	1	2									0.03260617	1.87420989			0.0275	1.87421									
PR domain containing 5	NM 018699	11107	4q27	122540591	neg	1	1	2																							
glutathione S-transferase A4	NM 001512	2941	6p12.2	52844814	neg	1	1	2	0.86679	0.72231058	0.87716	0.60202667	0.821579	0.71834177	0.24857062	1.13878164	0.77278135	0.83408279	0.22665041	1.65422832	0.8635	0.75422	0.628563791	0.93870769	0.300258621	1.05175552			0.376025	1.07214	0.80937341
3-hydroxy-3-methylglutaryl-Co	NM 000859	3156	5q13.3	73440435	neg	1	1	2			0.23828	1.86326531	0.706006	0.45988689			0.50909425	0.97279031			0.49725	0.97279									
pyruvate dehydrogenase (lipo	NM 005390	5161	4q22.3	96974740	pos	1	1	1	0.00118	2.48342439	0.16144	1.36696699	0.597873	0.9549596	0.781243	0.81517428	0.9390849	0.63757503	0.7496168	0.64690052	0.92351	0.63535	0.00471867	1.45441297	0.511333774	0.79383062			0.844424	0.60812	0.81379769
CD36 antigen (collagen type I	NM_005505	949	12q24.31	123982487	neg	1	1	1	0.55326	0.94857388	0.71703	0.71441886	0.690191	0.80690073			0.52933461	0.94502569			0.52364	0.94503			0.153060354	1.62855723			0.138747	1.96491	0.4044536
chromosome 1 open reading fr	NM 015101	23127	1q25.3	181430903	neg	0	1	2	0.56382	0.95553662	0.73896	0.78817829	0.720743	0.88813772	0.00086351	1.78083099	0.0128802	1.5339016	9.1071E-05	2.68985114	0.66074	0.8986	0.326659778	1.112652	0.891362493	0.39814186			0.986518	0.30781	0.61523036
hypothetical protein FLJ12660	NM 025152	80224	14q12	29406569	pos	1	1	1	0.8191	0.75621351	0.49065	0.99335106	0.937641	0.73639804	0.48839985	0.86123756	0.77369123	0.77679111	0.4006984	0.83528664	0.76559	0.76134	0.483496094	1.03306299	0.647679285	0.57461438			0.760105	0.60294	0.52607714
hypothetical protein FLJ10509	NM_018119	55718	16p12.2	21709851	neg	1	1	2	0.09183	1.47408155	0.0739	1.64568966	0.892858	0.79888788	0.44936068	0.99157971	0.26124594	1.18595169	0.77871001	0.56812059	0.15872	1.30772	0.170746465	1.2042998	0.093345615	1.58445968			0.054523	1.91194	0.35844784
tumor susceptibility gene 101	NM 006292	7251	11p15.1	19623446	neg	1	1	2	0.43549	1.0619575	0.3393	1.17718199	0.739496	0.78845397	0.766555	0.67773346	0.5847328	0.90503557	0.68652942	0.32800959	0.541	0.9498	0.566669081	0.94634239	0.515739128	0.62749632			0.558916	0.74456	0.42669699
HSPC028 protein	NM_014038	28969	7p21.1	16330130	pos	1	1	2	0.07525	1.48462	0.09379	1.58372274	0.714305	0.90381192	0.40554722	1.0200633	0.18867876	1.17763128	0.21337169	1.22910655	0.29874	1.13525	0.356605263	1.07899254	0.782373295	0.51548076			0.716391	0.71373	0.80198795
general transcription factor IIF	NM 004128	2963	13q14.12	43694974	pos	1	1	1	0.51047	0.97685688	0.2786	1.27344237	0.947463	0.62433829	0.48988942	0.92880821	0.19038599	1.37373122	0.60035762	0.45226585	0.16983	1.39273	0.55345813	0.95257578	0.578842977	0.50658337	0.54329618	0.21563954	0.617355	0.62635	0.69196586
isopentenyl-diphosphate delta	NM 004508	3422	10p15.3	1056798	neg	1	1	2	0.44667	1.04753801	0.09559	1.77748162			0.48376701	0.93233151	0.89480606	0.63588369			0.89894	0.63588	0.192929589	1.44783617	0.646462378	0.48926891	0.50264504	0.96458087	0.562727	0.73684	0.28019506
myosin XVA	NM 016239	51168	17p11.2	18257120	neg	0	1	2	0.56408	0.95785995	0.66004	0.86267138	0.807174	0.87070988	0.84862775	0.79662121	0.20512806	1.18580933	0.84621713	0.68121375	0.05027	1.46098	0.935932858	0.80270607	0.112994458	1.47762218	0.03629285	1.95571931	0.679075	0.76321	0.24838088
synaptogyrin 4	NM 012451	23546	19q13.33	49512116	neg	0	1	0									0.13469266	1.80300336			0.12382	1.803			0.84514259	0.49162037	0.86998172	0.56760044			
protocadherin gamma subfam	NM 032088	9708	5q31.3	140587921	neg	0	1	2	0.68158	0.79629716	0.58089	0.86326336	0.747174	0.76048603	0.57159621	0.80716431	0.19863926	1.40610948			0.18675	1.40611			0.99854182	0.06113213	0.99988885	0.06881784	0.431882	0.96337	0.55753902
polymerase (DNA directed), alp	NM 016937	5422	Xp22.11	23539560	neg	0	1	2	0.16946	1.37095038	0.07313	1.66160154	0.495085	0.99772748	0.44289773	1.0003394	0.07970535	1.583966	0.6013176	0.56813098	0.06422	1.61787	0.436008525	1.0586253	0.915029498	0.39952975	0.94779404	0.44460044	0.523462	0.78665	0.68894919
annexin A4	NM 001153	307	2p13.3	70018027	neg	1	1	0	0.2273	1.26482323	0.08932	1.63935724	0.978723	0.50180992	0.39923817	1.06815104	0.57632895	0.9042232	0.57291371	0.68223949	0.55491	0.92382	0.539716984	0.99608293	0.494262336	0.70701261			0.508059	0.83968	0.52454913
putative Rab5 GDP/GTP excha	NM 014504	27342	7q11.21	64845705	neg	1	1	0			0.08279	2.83653199	0.921441	0.55221975			0.00117369	2.83349564	0.52086077	0.60305902	0.00079	2.83862									
pannexin 2	NM 052839	56666	22q13.33	47160696	neg	1	1	2																							
protein tyrosine phosphatase,	NM 006504	5791	10q26.2	128518206	pos	1	1	2																							
SMC2 structural maintenance	NM 006444	10592	9q31.1	97656866	pos	1	1	2	0.19378	1.27802505	0.10669	1.54956583	0.824028	0.83832805	0.49105449	0.91602975	0.4037403	1.07324228	0.8243001	0.37099614	0.30326	1.15051	0.159409474	1.20021319	0.641955502	0.70490146	0.58850128	0.8756904	0.662931	0.65591	0.69955267
tumor necrosis factor receptor	NM 003844	8797	8p21.2	22788516	pos	0	1	2	0.92524	0.66415482	0.80652	0.7350839	0.244117	1.1315682	0.77026823	0.83400897	0.50565442	1.00039195	0.10810315	1.50239137	0.81749	0.80333	0.564064176	0.98576463	0.944672138	0.47713637	0.87219753	0.6370427	0.636549	0.79089	0.57843901
cyclin-dependent kinase (CDC	NM 052987	8558	16q24.3	81074761	neg	1	1	2																	0.567797893	0.77584373	0.50623093	0.65379065			
single-stranded DNA binding p	NM 012446	23635	5q14.1	79501193	pos	1	1	2									0.76002596	0.62799571			0.76181	0.628									
G protein-coupled receptor kin	NM 014030	28964	17q11.2	27560454	neg	0	1	0	0.64333	0.85105129	0.29416	1.39553922					0.69258855	0.80391097			0.69235	0.80391	0.481354276	1.03547801							
clathrin, light polypeptide (Lca	NM 001833	1211	9p13.3	36503182	neg	1	1	2																							
neurogenin 1	NM 006161	4762	5q31.1	134707268	neg	1	1	1	0.00058	2.80593475	0.04256	1.94673318	0.703445	0.90272337	0.34513958	1.08485044	0.44087186	1.04918819	0.63627125	0.66096426	0.39729	1.0786	0.278936	1.107963	0.001532581	6.56630239			0.000317	9.70332	0.00172882
hypothetical protein FLJ10936	NM 018279	55266	12q21.1	71850796	pos	1	1	1	0.20243	1.35729568	0.06978	1.85513245	0.598293	0.90995871	0.47254752	0.94372157	0.44856968	1.05412955			0.44038	1.05413	0.357270702	1.50210847	0.586849171	0.69775424	0.73974418	0.65213358			0.52934906
hypothetical protein DKFZp434	NM 021185	57828	19q13.2	39465915	pos	0	1	2	0.78607	0.80555423	0.91538	0.59833641	0.666893	0.91316836	0.54193311	0.93320283	0.71618123	0.86399243	0.44630785	0.92280858	0.71573	0.85127	0.808977667	0.86064438	0.838782385	0.59541043	0.59903157	0.89341693	0.839175	0.51834	0.2276643
hypothetical protein FLJ10698	NM_021189	57863	1q23.2	156933625	pos	1	1	2									0.27029612	1.46247219			0.25851	1.46247									
deleted in azoospermia-like	NM 001351	1618	3p24.3	16557594	pos	1	1	2	0.66002	0.88948417	0.74591	0.77380792	0.613607	0.89710074	0.09906945	1.4019243	0.88019591	0.70726723			0.88427	0.70727	0.048571198	1.57629343	0.863503729	0.61404177	0.88710523	0.57786658	0.408569	1.01089	0.50176619
nuclear phosphoprotein simila	NM 007062	11137	12q23.3	107190006	pos	0	1	1	0.49685	1.00118678	0.29572	1.25364583	0.512668	0.9824881	0.82389284	0.61797957	0.51130942	0.98185427			0.50503	0.98185	0.681371447	0.82173376	0.573738293	0.67773457	0.50071779	0.55108225	0.492738	0.80601	0.64830738
cryptochrome 1 (photolyase-lik	NM 004075	1407	12q23.3	106495558	pos	1	1	2	0.19586	1.29529053	0.05416	1.76770679	0.716674	0.62006069	0.35628793	1.07401793	0.60247762	0.89137163	0.751908	0.5297422	0.46249	1.05065	0.318764462	1.12548623	0.573014625	0.60709377			0.654491	0.66954	0.40975099
microtubule-associated protei	NM 012326	22924	2p23.3	27114852	neg	1	1	2	0.43445	1.04685729	0.29543	1.18250676	0.863312	0.79657483	0.45523744	0.90529821	0.61138805	0.94903385	0.43045315	0.95934587	0.58926	0.93069	0.999391622	0.58505934	0.641256438	0.61911861			0.426137	0.67647	0.8101195
potassium voltage-gated chan	NM 004977	3748	19q13.33	51447604	neg	1	1	2																							
hypothetical protein DKFZp761	NM_031438	83594	5q21.2	102544349	neg	0	1	1																							
putative DNA binding protein	NM 007358	22823	1p22.1	93950478	neg	1	1	2	0.60443	0.8956692	0.14775	2.98978495	0.962729	0.62245602	0.54022895	0.89994291	0.91306444	0.54141053	0.69395027	0.48795579	0.90192	0.54755	0.569125372	0.97135865	0.691377541	0.44937919			0.782274	0.4954	0.68185187
testis specific protein 1 (probe	NM 003296	7180	6p12.3	49662135	pos	0	1	0									0.33869328	1.24672233			0.32785	1.24672			0.567114336	0.42395193	0.4999028	0.36380286			
hypothetical protein BC011982	NM 138431	113655	8q24.3	143298423	neg	1	1	2																							
radial spokehead-like 1	NM 030785	81492	19q13.32	46942793	pos	1	1	2																							
T-cell, immune regulator 1	NM 006019	10312	11q13.3	70329415	neg	1	1	2	0.28284	1.17167598	0.22552	1.26780658	0.749935	0.89694157	0.66482143	0.9020752	0.57862417	0.96544552	0.83464727	0.58217474	0.4413	1.02976	0.610977125	0.97162199	0.000421791	2.92220365	0.00266886	3.49065569	0.00206	4.10049	0.08969525
POU domain, class 4, transcrip	NM 002700	5459	5q32	145687549	pos	1	1	2	0.00339	2.21798756	0.1077	1.49995155	0.508083	0.99265236	0.33318682	1.05729882	5.5537E-05	2.36305944	0.01765145	2.01225688	0.00027	2.65206	0.012297627	1.42482543	0.000834028	2.67742516	0.0030114	3.45976775	0.002584	3.91398	0.07999903
hypothetical protein FLJ12409	NM 025105	80175	3p24.2	25529759	neg	1	1	2	0.92655	0.47571352	0.85424	0.58791667			0.31565469	1.41334852	0.88058436	0.6470484			0.88466	0.64705			0.20660296	1.30799983	0.10039614	1.72425434	0.735132	0.57289	
cyclin G2	NM 004354	901	4q21.1	77988639	neg	1	1	1			0.03694	3.19319444	0.879494	0.51806596	0.46491696	0.85840278	0.67706654	0.80391097			0.67632	0.80391									
COX11 homolog, cytochrome c	NM 004375	1353	17q22	52759961	pos	0	1	2	0.19949	1.29216598	0.20616	1.3698374	0.864864	0.75445757	0.46742362	0.97968815	0.61259162	0.89340309	0.42964966	0.70516096	0.59769	0.90276	0.581489199	0.96625512	0.513836144	0.59070741			0.527076	0.76207	0.42353352
protein phosphatase 6, catalyt	NM 002721	5537	9q33.3	119026130	pos	1	1	2	0.3826	1.15135306	0.11172	1.95359043	0.926176	0.62637366	0.399273	1.12776665	0.67769428	0.7504147			0.67697	0.75041									
G protein-coupled receptor kin	NM_017572	2872	19p13.3	2100102	neg	0	1	0	0.16431	1.29284253	0.19162	1.31515075	0.981007	0.70573433	0.99514862	0.45857542	0.92024517	0.7602034	0.86807729	0.69652768	0.83151	0.79664	0.090644564	1.21103809	0.21478635	1.17122182			0.211515	1.26697	0.38805071
ribosomal large subunit pseud	NM 058192	113000	16p13.3	854108	neg	1	1	2	0.69543	0.85931597	0.72078	0.79697849	0.659648	0.91066259	0.49227399	0.95559918	0.39647582	1.01316026	0.38688456	1.01316111	0.50366	0.80331	0.287840276	1.12023368	0.762026686	0.53941658			0.620895	0.80248	0.6457173
signal transduction protein (SH	NM 032459	10278	14q11.2	21198050	neg	1	1	2																							
retinol binding protein 1, cellul	NM 002899	5947	3q23	136134068	neg	1	1	1	0.00219	2.29477683	0.31099	1.16126113	0.755081	0.88622748	0.82012281	0.82509022	0.3909498	1.08639634	0.27098883	1.30918155	0.53871	0.96659	0.513636978	1.00618432	0.125983349	1.40586443			0.070966	1.71517	0.17935413
myeloid/lymphoid or mixed-lin	NM 005935	4299	4q21.3	88085782	neg	0	1	0			0.35651	1.39061404	0.71808	0.60602847	0.54102246	0.85924698	0.45921541	1.04984305			0.45133	1.04984			0.553404816	0.93483823	0.61737236	0.75556227			
topoisomerase (DNA) II bindin	NM 007027	11073	3q22.1	130264147	pos	0	1	2	0.09369	1.51371216	0.07532	1.71327498	0.987712	0.61608811	0.59760348	0.82123916	0.24975213	1.22465556	0.7893335	0.36229997	0.17937	1.30685	0.690157603	0.90531585							0.52580887
SRY (sex determining region Y	NM 005634	6658	Xq27.1	134169970	pos	1	1	2	0.56474	0.91686672	0.90076	0.63941259	0.821564	0.86096783	0.9743349	0.64907528	0.44817472	1.02060376	0.28215965	1.10033956	0.7081	0.88042	0.862372621	0.86596987	0.582493357	0.78882907			0.411061	1.02046	0.71213774
uridine kinase-like 1	NM 017859	54963	20q13.33	62448662	neg	1	1	2																							
forkhead box G1A	NM 004471	2291	14q12	26610842	pos	1	1	0																							
EGF-TM7-latrophilin-related pr	NM 022159	64123	1p31.1	79516755	pos	1	1	2	0.00029	2.97954519	0.07198	1.63318926	0.363304	1.06086886	0.53018659	0.95455158	0.06721574	1.32978085	0.16419239	1.29675613	0.11048	1.35997	0.00011605	1.81682767	0.215218931	1.18813986			0.15519	1.43697	0.68395195
hypothetical protein from clon	NM 021226	58504	10q11.22	48512760	pos	0	1	2	0.63336	0.84378532	0.6854	0.76193122	0.629455	0.8218153	0.14488679	2.04489055	0.95941754	0.58182309			0.96267	0.58182	0.190561241	1.38283995	0.560708333	0.82741897	0.41287643	1.0708928			
chaperonin containing TCP1, s	NM 006429	10574	2p13.2	73470926	pos	1	1	1	0.22237	1.27840568	0.4603	1.40743968	0.21878	1.1927547	0.35962028	1.12680448	0.55614622	0.93793768			0.55134	0.93794	0.465577309	1.09059914	0.531336758	0.58370213	0.62313479	0.61292874			0.35473179
hypothetical protein FLJ20671	NM 017924	55017	14q11.2	20937233	neg	1	1	1	0.30094	1.19302061	0.08789	1.65224049	0.765274	0.84744231	0.43651617	1.01379099	0.2843223	1.23566893	0.48518	0.62482148	0.27226	1.23631	0.18566539	1.25867532	0.654857203	0.51747034	0.49309531	0.71075663	0.573081	0.60941	0.52355779
homeo box A11	NM 005523	3207	7p15.2	26864894	pos	1	1	1	0.35416	1.15265637	0.40438	1.08045614	0.851154	0.79416222	0.02261743	2.11347217	0.3033252	1.14641405	0.29712701	1.26520366	0.38238	1.09466	0.026618131	1.69473122	0.000460821	3.00949684	0.00207106	3.83963007	0.001987	4.89916	0.0720798
ubiquitin-conjugating enzyme	NM 007019	11065	20q13.12	44169780	pos	1	1	2																							
ubiquinol-cytochrome c reduct	NM 006003	7386	19q12	30318933	var	1	1	2																							
phosphatidylinositol 4-kinase,	NM 002651	5298	1q21.3	149106352	neg	1	1	0									0.41117164	1.14910301			0.40196	1.1491									
KIAA0945 protein	NM 014952	22893	15q15.1	36099492	neg	0	1	2																							
proteasome (prosome, macropa	NM 002789	5685	15q24.3	74911631	neg	1	1	2	0.51181	0.99118933	0.72024	0.81372549	0.57609	0.87076951	0.70364336	0.86378293	0.53068899	0.97816695	0.47477165	0.93134966	0.51806	0.98338	0.547755869	0.9935322	0.861894645	0.41308595			0.896112	0.50824	0.52538483
hypothetical protein FLJ22548	NM_022456	117177	12q15	69991108	neg	1	1	2																							
KIAA0433 protein	NM 015216	23262	5q21.1	102115751	pos	0	1	2	0.4654	1.04187045	0.22946	1.4521722	0.590779	0.9037754	0.39091835	1.10882026	0.34847769	1.21450319			0.33782	1.2145			0.964917252	0.21880809	0.98626448	0.23871722			
deltex homolog 1 (Drosophila)	NM 004416	1840	12q24.13	112390521	neg	1	1	2			0.40397	1.2288835	0.42985	1.15083006	0.40587421	1.84537185	0.88936454	0.59703547			0.89348	0.59704			0.694236965	0.48274374	0.74639606	0.54735432			
aldehyde dehydrogenase 1 fan	NM 000693	220	15q26.3	98102207	neg	1	1	2									0.56340588	0.89790612			0.55884	0.89791									
KIAA1031 protein	NM_025013	23264	22q13.2	38312248	pos	1	1	0																	0.99879845	0.05607746	0.99987291	0.07607037			
hypothetical protein PRO0943	NM 018568	55434	11p15.4	3070554	pos	0	1	0																							
solute carrier family 35 (UDP-N	NM 012243	23443	1p21.2	101231924	neg	1	1	2	0.30974	1.1718826	0.08659	1.73477477	0.99845	0.44837834	0.43333961	1.01132113	0.37144178	1.11272947	0.67070525	0.32598521	0.34077	1.13239	0.793628587	0.80700399							0.63011695
chromosome 11 hypothetical p	NM 020154	56851	15q14	29656857	pos	1	1	2	0.24677	1.27166085	0.11783	1.64504505	0.937575	0.65539537	0.39532326	1.05654636	0.28065554	1.11296765	0.36983531	1.06819255	0.25072	1.27323	0.598604498	0.92205333							0.70033598
hypothetical protein FLJ10324	NM 018059	55698	7p22.1	4483112	neg	0	1	2									0.68419792	0.73666266			0.68368	0.73666									
glutamate receptor, ionotropic	NM 000831	2899	1p34.3	37087572	neg	1	1	1																							
centrin, EF-hand protein, 2	NM 004344	1069	Xq28	146335880	neg	1	1	2																							
hypothetical protein FLJ10422	NM_018091	55140	8p21.1	27733594	neg	0	1	1																							
forkhead box F2	NM 001452	2295	6p25.3	1375067	neg	1	1	2																							
mitochondrial ribosomal prote	NM 031903	64983	7p14.1	42618340	pos	1	1	2	0.56942	0.94774072	0.21014	1.31700913	0.95498	0.71718702	0.44704638	0.97557512	0.35069218	1.12538222	0.79184841	0.41835204	0.25679	1.2144	0.535986664	0.99720017	0.526110991	0.69240264			0.610128	0.74866	0.58698776
ADP-ribosyltransferase (NAD+	NM 001618	142	1q42.12	225077645	pos	1	1	2																							
TNF-induced protein	NM 014350	25816	5q23.1	118393864	pos	1	1	0																							
eukaryotic translation initiation	NM 001568	3646	8q23.1	108198519	pos	0	1	2	0.60015	0.88389485	0.3018	1.46314103	0.441172	1.13485268	0.68161325	0.40042727	0.18299818	1.90056482			0.17124	1.90056			0.77324672	0.10275351	0.87370849	0.10179589			

activity-dependent neuroprote	NM_015339	23394	20q13.13	49235360	neg	1	1	2																						
mitogen-activated protein kina	NM_002969	6300	22q13.33	47243292	neg	1	1	2	0.90275	0.52514762	0.82336	0.69850639	0.526532	0.97011408	0.4064249	1.04479414	0.61926882	0.89143918			0.61659	0.89144			0.951047025	0.3679066	0.95598237	0.45300723	0.588286	0.66132	
fucosyltransferase 1 (galactos	NM_000148	2523	19q13.33	49964187	neg	1	1	2	0.07981	1.49542589	0.22327	1.26773973	0.530456	0.98380271	0.68127443	0.89113717	0.79021403	0.820807	0.80694683	0.63426742	0.68071	0.87982	0.256293446	1.10744559	0.698241041	0.71877166	0.50239416	0.97987896	0.651869	0.75931	0.51975608
v-myc myelocytomatosis viral	NM_005376	4610	1p34.2	40395004	pos	1	1	2	0.6423	0.9065547	0.77439	0.76572572	0.989848	0.5994042	0.42608123	1.0070772	0.5026479	1.00315764	0.59473051	0.8063711	0.45912	1.03606	0.998779667	0.64733818	0.806438695	0.48650987			0.858422	0.56643	0.27586034
TNF receptor-associated facto	NM_003300	7187	14q32.32	100635064	pos	1	1	2	0.3107	1.13227981	0.97219	0.50110892	0.491771	0.99854652	5.2712E-05	1.88296483	0.6753021	0.93414367	0.06388905	1.36165001	0.99101	0.58722	8.82571E-08	2.24007678	0.863080805	0.43997466			0.98526	0.31688	0.00018788
monocyte to macrophage diffe	NM_012329	23531	17q22	53200672	pos	1	1	2	0.81032	0.67937	0.59357	0.88388038	0.833445	0.55640359	0.21612727	1.52188012	0.86461184	0.57819571			0.86854	0.5782	0.505918906	1.0714916							0.50773345
dynamin 1	NM_004408	1759	9q34.11	122080388	neg	1	1	2																							
phospholipase A2, group VII (p	NM_005084	7941	6p12.3	46674338	pos	1	1	1	0.40758	1.12793638	0.01677	2.75692488	0.76839	0.79485155	0.31793084	1.95398676	0.7646182	0.75461408	0.32041657	1.47086257	0.85773	0.62582	0.476596392	1.07130573	0.543643541	0.70782633			0.450287	0.90756	
a disintegrin and metalloprotei	NM_025220	80332	20p13	3637654	neg	1	1	2																							
hypothetical protein MGC1620	NM_032373	84333	10q23.32	91863709	neg	1	1	2	0.99393	0.4672014	0.98381	0.40725691	0.976834	0.66626404	0.39628481	1.02198222	0.85801844	0.7761657	0.19074874	1.55986609	0.95312	0.64483	0.476463712	1.03263771	0.793548641	0.65211991	0.68515268	0.82466964	0.355802	1.07878	0.99129919
FtsJ homolog 3 (E. coli)	NM_017647	117246	17q23.3	61547301	neg	0	1	0	0.93168	0.64203111	0.87019	0.61868236	0.335804	1.12730122	0.33628119	1.09889663	0.46800148	1.0036959	0.35990311	1.07739877	0.48563	1.00136	0.674911497	0.89146423	0.609255045	0.73451702	0.42147326	1.080458	0.567777	0.83613	0.51414549
hypothetical protein	NM_016484	51248	Xq13.1	65684852	neg	1	1	2	0.13338	1.34159529	0.31405	1.15716787	0.20504	1.13254145	0.55320524	0.93511756	0.44891241	1.05909629	0.51372758	0.87412009	0.4391	1.06109	0.227545898	1.1427777	0.957032183	0.43885082	0.92512328	0.5475894	0.580279	0.83989	0.86969851
26S proteasome-associated pa	NM_005805	10213	2q24.2	160218774	neg	1	1	1	0.43777	1.08087871	0.15486	1.8458589	0.885964	0.44287887	0.42787815	1.04308735	0.00237929	2.62411451	0.8578296	0.01972015	0.00119	2.7306									
hypothetical protein MGC1070	NM_032658	84744	2q12.3	107029295	pos	1	1	2			0.03087	2.55464824					0.07880779	1.86208531			0.07017	1.86209									
sonic hedgehog homolog (Dro	NM_000193	6469	7q36.3	153825839	neg	1	1	2									0.7847475	0.64134083			0.78718	0.64134									
centaurin, alpha 2	NM_018404	55803	17q11.2	30025756	neg	0	1	1	0.79229	0.66177939	0.68745	0.71900527	0.860096	0.51627866	0.21598909	1.52880913	0.63932547	0.87267308			0.63733	0.87267									
solute carrier family 6 (neurotr	NM_001044	6531	5p15.33	1491613	neg	1	1	2									0.55123387	0.9150154			0.54626	0.91502									
nucleolar protein family A, mei	NM_017838	55651	5q35.3	177731121	neg	1	1	2	0.68259	0.88467818	0.92623	0.60356924	0.596706	0.9611958	0.98747243	0.65623222	0.09383279	1.22270324	0.10297961	1.30430114	0.24494	1.15081	0.913159478	0.84357224	0.712802459	0.60344253			0.83734	0.61344	0.85933862
neuralized-like (Drosophila)	NM_004210	9148	10q24.33	104147252	neg	1	1	1																							
mitochondrial ribosomal prote	NM_032476	64968	21q22.11	32023272	neg	1	1	2																							
HSPCO34 protein	NM_016126	51668	1p32.3	54216660	neg	1	1	1																							
protein tyrosine phosphatase,	NM_005401	5784	1q32.3	213183167	neg	1	1	2									0.9908159	0.27761424			0.99216	0.27761			0.982885465	0.18367441	0.99409716	0.20779221			
ribosomal protein L39	NM_001000	6170	Xq24	113738257	neg	1	1	2	0.28232	1.21176424	0.34029	1.15231388	0.53802	0.97687012	0.22564303	1.16127469	0.51434845	0.98025469			0.50817	0.98025	0.725263757	0.88588297	0.98868612	0.18723717	0.99248072	0.23424599	0.645041	0.56684	0.90238097
caspase 6, apoptosis-related c	NM_001226	839	4q25	111026758	neg	1	1	2	0.06176	1.62670274	0.13141	1.52990079	0.773247	0.84475024	0.2610533	1.22542068	0.8401089	0.70719276	0.94578089	0.20379956	0.68578	0.8378	0.560008796	0.9858873	0.620872952	0.6863425	0.55797616	0.90706801	0.717964	0.57076	0.18887526
ALL1-fused gene from chromo	NM_006818	10962	1q21.3	148874623	neg	1	1	2	0.24581	1.41783076	0.06284	2.69321534	0.881223	0.67156594	0.60698523	0.61075909	0.3700657	1.69850335	0.54928759	0.51108117	0.34164	1.87017	0.573337258	0.89322027	0.450870614	1.0096011	0.47212715	1.02258102	0.187288	2.75882	0.60057192
likely ortholog of mouse syner	NM_021932	60626	11p15.5	438136	neg	1	1	0	0.83322	0.60826363	0.41627	1.23559871	0.63075	0.80581399	0.20290153	1.69026897	0.33526116	1.22542687			0.32436	1.22543			0.56906119	0.82640982	0.46782967	1.08766234	0.573281	0.69224	
neurturin	NM_004558	4902	19p13.3	5916294	neg	0	1	2	0.73484	0.84082634	0.41915	1.05654589	0.517144	0.97939032	0.30134351	1.15242312	0.33993258	1.08652243	0.25908387	1.27139006	0.44648	1.02967	0.36006762	1.07177507	0.920409195	0.45234998	0.89899975	0.5762987	0.345025	1.08442	0.99642789
sestrin 2	NM_031459	83667	1p35.3	26850563	pos	1	1	2	0.21653	1.28042757	0.09248	1.64812452	0.732055	0.8669336	0.5074523	0.89835605	0.27268542	1.28266717			0.26092	1.28267	0.833265501	0.80901776	0.61220182	0.90116033	0.60167997	0.60926728	0.385985	1.07059	0.70053079
diacylglycerol kinase, epsilon	NM_003647	8526	17q23.2	54648819	pos	1	1	2			0.28865	2.48670635					0.56300857	0.92045043			0.55843	0.92045			0.373449785	1.28812163	0.45778703	1.25090188	0.518715	0.74434	
mitochondrial import receptor	NM_020243	56993	22q13.1	35692508	neg	1	1	2	0.49942	0.98350223	0.20454	1.33597598	0.5023	0.99285638	0.38867331	1.23603917	0.56296257	0.94769754			0.55838	0.9477	0.556535755	0.98235158	0.59392446	0.72848424	0.485669	0.8662614	0.458039	0.92042	0.67195551
SEC24 related gene family, me	NM_004922	9632	10q22.2	74285007	pos	0	1	0	0.85916	0.5710413	0.3511	1.23567416	0.415713	1.21211327			0.1899228	1.66725234			0.1781	1.66725			0.390831233	1.00464631	0.49552064	0.96645022			
eyes absent homolog 2 (Droso	NM_005244	2139	20q13.12	45347125	pos	1	1	2	0.78922	0.73187901	0.61005	0.85801688	0.212138	1.64403883	0.40408527	1.70769632	0.66481312	0.88386635	0.32745392	1.3734467	0.7471	0.80789	0.430200535	1.21558378	0.552677287	0.86416384	0.51125281	0.87321354	0.523911	0.6907	
estrogen-related receptor beta	NM_018010	55081	3q13.12	104673304	neg	1	1	2									0.67721116	0.71860127			0.67647	0.7186									
transducer of ERBB2, 1	NM_005749	10140	17q21.33	48652716	neg	0	1	0	0.37499	1.17393205	0.22623	1.73217391	0.39273	1.28612998	0.45133111	0.76203486	0.52806844	0.712509			0.52233	0.71251			0.355006308	1.16561995	0.49189074	0.96844016	0.274633	1.75	0.52302697
transmembrane 7 superfamily	NM_003272	7107	1q42.3	234438409	neg	1	1	2									0.48240546	1.01390411			0.47522	1.0139									
fibulin 2	NM_001998	2199	3p25.1	13541119	neg	1	1	0									0.73621413	0.75137646			0.73732	0.75138			0.358870934	1.84764936	0.45132246	1.51985695			
UDP-N-acetyl-alpha-D-galactos	NM_001478	2583	12q13.3	57621296	neg	0	1	0	0.5653	0.94128045	0.29602	1.20691633	0.205825	1.33982797	0.48056459	0.91544226	0.87275638	0.72129495	0.44610764	0.88722729	0.88047	0.70455	0.34634923	1.23448763	0.237703911	1.13278436	0.39841644	1.31601732	0.267213	1.29706	0.31339429
cyclin C	NM_005190	892	6q16.2	99859066	neg	1	1	1	0.83816	0.75787901	0.70623	0.82036358	0.074932	1.78659974	0.70340696	0.84902252	0.29887106	1.16796783	0.27089645	1.18905449	0.56087	0.82585	0.650141609	0.94980047	0.885769743	0.50425112	0.86795075	0.56992876	0.683925	0.70721	0.7085354
platelet-activating factor acety	NM_000437	5051	1p35.3	25767545	pos	0	1	2	0.73529	0.81251612	0.55437	0.92742272	0.53429	0.96309633	0.44957471	0.94970796	0.47538069	1.07550683			0.46798	1.07551	0.583541165	0.89275447	0.273960352	1.07326483	0.51348297	0.92532468	0.293905	1.43034	0.66759838
hypothetical protein MGC2827	NM_023940	65997	4q12	53549726	neg	1	1	2	0.07116	1.65530746	0.05394	1.876349	0.252731	1.48230655	0.42955934	1.03441311	0.20969125	1.49921085			0.19774	1.49921	0.340314753	1.24658858	0.57149712	0.86255579	0.48569677	0.93217893			0.47950899
synaptotagmin V	NM_003180	6861	19q13.42	56548725	neg	1	1	0																	0.347145398	1.12751053	0.47208112	1.01991342			
aldehyde dehydrogenase 1 fan	NM_000692	219	9p12	38704934	pos	1	1	1	0.25112	1.22858333	0.07775	1.67196115	0.57247	0.95553418	0.42231736	1.05112931	0.11585339	1.49903469	0.53420553	0.52289322	0.10468	1.50194	0.615928745	0.95116103	0.394890315	1.08995263	0.42300356	1.22130395	0.352391	1.30796	0.53691476
somatostatin receptor 1	NM_001049	6751	14q21.1	36059244	pos	1	1	1	0.09706	1.5936871	0.04018	2.36749585	0.585875	0.70150446	0.30969564	1.47277793	0.69286349	0.80886595			0.69263	0.80887	0.354338545	1.18747217	0.156618116	1.40701166	0.28629949	2.15715103	0.184333	1.62092	0.35398946
biphenyl hydrolase-like (serine	NM_004332	670	6p25.2	3104040	pos	1	1	1	0.0374	1.65086009	0.01489	2.21010442	0.709697	0.90074459	0.23383085	1.41540875	0.21242187	1.24004003	0.61013489	0.44784649	0.1926	1.2502	0.596087303	0.97657299	0.397490065	1.07664925	0.37813165	1.26724051	0.6639	0.72371	0.34776896
chromosome 21 open reading	NM_006134	757	21q22.11	31400404	neg	1	1	0									0.60473797	0.85337795			0.60157	0.85338			0.344507225	1.33550938	0.4980639	0.93323343			
BCL2-like 1	NM_001191	598	20q11.21	30040317	neg	1	1	1									0.84408792	0.63054244			0.84775	0.63054									
methylenetetrahydrofolate deh	NM_005956	4522	14q23.2	62182469	neg	1	1	1	0.18112	1.52797326	0.06489	2.55860434	0.326112	1.29520857	0.49015542	0.91968473	0.56037049	0.92777172			0.5557	0.92777	0.368610327	1.23057811	0.370087495	1.06196409	0.53226247	0.89962121			
DNA-dependent protein kinase	NM_006383	10518	15q24.3	74452428	neg	1	1	2									0.53079037	0.9333666			0.52514	0.93337									
UDP-Gal:betaGlcNAc beta 1,3-	NM_003782	8705	6p21.32	33248315	pos	1	1	0	0.31211	1.18453967	0.09351	1.6700747	0.562034	0.93893097	0.40595534	1.15102571	0.60814204	0.90421753			0.60509	0.90422	0.174051055	1.50261408	0.000262267	3.92054541	0.00271254	4.31430205	0.003132	5.18075	0.03544355
translocating chain-associatin	NM_014294	23471	8q13.3	70586488	neg	1	1	2	0.74392	0.69178017	0.12788	2.00957207					0.08939994	2.15868937			0.08021	2.15869	0.401515431	1.56721143							
cytochrome P450, subfamily X	NM_000785	1594	12q13.3	57757737	neg	0	1	2	0.33058	1.14770454	0.198	1.35689135	0.765456	0.83210895	0.41412665	1.03679326	0.26029247	1.27398404	0.43938811	0.79253872	0.23103	1.30943	0.783678945	0.84404577	0.302611173	1.20972011	0.34211821	1.25399191	0.669706	0.63881	0.55857075
myotubularin related protein 3	NM_021090	8897	22q12.2	26975286	neg	0	1	2	0.2611	1.1927317	0.17971	1.35283075	0.16753	1.16564611	0.70676136	0.58979157	0.21321401	1.23738367	0.23100952	1.24529975	0.34389	1.21647	0.034444506	1.3256169	0.086988873	1.314084	0.22660382	1.34751773	0.077642	1.65401	0.23803805
ets variant gene 5 (ets-related	NM_004454	2119	3q27.2	182555705	pos	1	1	2	0.26827	1.2482259	0.04552	2.0509838	0.39623	1.07667668	0.27515162	1.36030878	0.43912232	1.15848119			0.43066	1.15848	0.415147996	1.10444689	0.29187454	1.30717463	0.36961808	1.26876669	0.420942	0.98824	0.38819559
chromosome 9 open reading fr	NM_017586	11094	9q34.2	127414869	pos	1	1	2	0.34344	1.12685134	0.09199	1.59834156	0.408026	1.04925263			0.50775561	0.99992802	0.25356908	1.45141632	0.48872	0.99941	0.384421983	1.06639531	0.391714546	1.06284709	0.44856	1.22881135	0.666317	0.71123	0.86592515
cAMP responsive element binc	NM_004381	1388	#N/A	8186668		0	1	2	0.60181	0.92957905	0.48658	0.9976456	0.800032	0.85460696	0.98774262	0.39988257	0.29640307	1.14309197	0.68090707	0.69196187	0.22843	1.20149	0.613426454	0.96211744	0.426948369	1.07748164	0.43180122	1.3459268	0.630527	0.76832	0.56114641
hypothetical protein DKFZp761	NM_032295	84255	7q34	138304290	neg	1	1	2	0.83172	0.62836327	0.40614	1.09908676					0.79840425	0.71471354			0.80116	0.71471	0.496799383	1.04313917	0.395170759	1.01615679	0.47550901	1.00886093	0.37376	1.10802	
FBJ murine osteosarcoma vira	NM_006732	2354	19q13.32	46615081	pos	1	1	2																							
chromosome 20 open reading	NM_018354	55321	20p13	1149271	neg	1	1	2	0.24802	1.20063066	0.25349	1.2386604			0.00275601	1.69174657	0.11444837	1.25761949	7.9985E-05	2.81271696	0.95336	0.66394	0.03731848	1.39510547	0.347279796	1.07343168	0.17713161	1.3679424	0.952847	0.43937	0.28187805
quiescin Q6	NM_002826	5768	1q25.2	177648306	pos	1	1	2									0.93868356	0.466157			0.9425	0.46616			0.993024969	0.19740436	0.99810766	0.23779426			
retinal degeneration B beta	NM_012417	26207	17q24.1	62626224	pos	1	1	2									0.85157578	0.51397105			0.85534	0.51397									
B-cell CLL/lymphoma 2	NM_000633	596	18q21.33	60629098	neg	1	1	2	0.19854	1.30470003	0.15361	1.42453369	0.57369	0.94893226	0.4715609	0.9531986	0.16900565	1.38669347	0.51260911	0.65671772	0.15717	1.38731	0.4411775	1.05177365	0.384163263	1.11326641	0.41129768	1.24682196	0.383819	1.06574	0.34596485
potassium intermediate/small c	NM_021614	3781	5q22.3	113302339	neg	1	1	2	0.00054	2.7087906	0.00863	2.41097251	0.731775	0.90330501	0.25508006	1.14036562	0.54949698	0.97631917	0.88510152	0.46423021	0.37848	1.07304	0.067633106	1.24029214	0.000493394	2.99234734	0.00039716	6.99134199	0.011718	2.64232	0.0056154
hypothetical protein DKFZp434	NM_017612	55596	12q24.31	121639820	neg	1	1	1	0.72215	0.82338466	0.61564	0.89215916	0.576407	0.94890113	0.59337316	0.87113535	0.5760547	0.93675898			0.57192	0.93676	0.727182413	0.8993802	0.278472984	1.15418852	0.56730938	0.8940335	0.24571	1.42581	0.60174988
hypothetical protein FLJ10252	NM_018040	55105	1q41	216270214	pos	0	1	1	0.94307	0.46311074	0.6	0.80956439	0.524081	0.95041591			0.27090907	1.3470113			0.25913	1.34701									
5,10-methenyltetrahydrofolate	NM_006441	10588	15q25.1	76098469	pos	1	1	2	0.10758	1.43838489	0.07749	1.62698864	0.463825	1.01257594	0.48235303	0.96466777	0.09795815	1.55078455			0.08837	1.55078	0.166745032	1.20310562	0.578255896	0.82610514	0.63854184	0.77189477	0.393463	1.05882	0.45046947
hypothetical protein DKFZp762	NM_018719	55536	7p15.3	21585060	neg	1	1	2	0.30311	1.16946193	0.06581	1.7091695	0.511303	0.988094	0.28177765	1.22160107	0.38437949	1.54764291			0.3745	1.54764	0.344349945	1.10551456	0.579151317	0.99039219	0.48187562	0.98068598	0.486278	0.84967	0.52360996
aryl hydrocarbon receptor	NM_001621	196	7p21.1	16982796	pos	1	1	2																							
ubiquitin specific protease 8	NM_005154	9101	15q21.2	46273954	neg	1	1	2	0.81167	0.67079079	0.36982	1.18320643	0.469364	1.03246637			0.515816	0.98026655			0.50968	0.98027			0.756412961	0.63466193	0.67767904	0.80849075	0.289595	1.61656	
hypothetical protein MGC1318	NM_032324	84284	1q42.2	231347928	pos	1	1	2	0.26438	1.20931987	0.03394	1.93138151	0.551677	0.96581054	0.23075024	1.74426338	0.49292803	1.00146605	0.53509395	0.63070219	0.48579	1.0015	0.298979475	1.12216002	0.329147524	1.2026615	0.40994632	1.18413196	0.609352	0.75106	0.24593139
putative nucleolar RNA helicas	NM_019082	54606	7p13	44251801	neg	1	1	2	0.51258	0.98698669	0.08085	1.74130117	0.591929	0.94457807	0.31853834	1.17274337	0.37403138	1.15090142			0.36392	1.1509	0.420685226	1.1068552	0.658491695	0.98929311	0.93643103	0.39866596	0.322984	1.28105	0.73935402
hypothetical protein MGC2865	NM_032375	84335	19q13.33	51030628	neg	1	1	0																							
hypothetical protein dJ37E16.	NM_020315	57026	22q13.1	34669268	neg	1	1	2									0.95794993	0.4658128			0.96126	0.46581									
ubiquitin-conjugating enzyme	NM_003348	7334	12q22	93423622	neg	1	1	2	0.07113	1.60163712	0.00974	2.51457859	0.388742	1.0638495	0.41535962	1.06832675	0.43013378	1.06082738	0.61392258	0.38219644	0.41094	1.06964	0.408387835	1.06886403	0.316095175	1.27759101	0.43485715	1.10451453	0.400088	1.04107	0.38096155
ADP-ribosyltransferase (NAD+	NM_006437	143	13q12.12	22975066	pos	1	1	2	0.20549	1.27275736	0.23135	1.27837633	0.522215	0.98390945	0.45171038	0.89892347	0.27991453	1.66603034			0.26822	1.66603	0.287203144	1.13218196	0.522546098	0.66265642	0.54839618	0.91815162	0.600826	0.71753	0.33874972
calcium channel, voltage-depe	NM_000725	784	12q13.12	49140576	pos	0	1	0	0.32946	1.12685906	0.159	1.40251965	0.906702	0.80528217	0.38181195	1.04944266	0.09621316	1.44230371	0.65801585	0.6976702	0.05949	1.55316	0.550163942	0.99227274	0.00100863	2.63611093	0.00207172	4.12223071	0.009048	2.81243	0.30341362
UDP-Gal:betaGlcNAc beta 1,4-	NM_001497	2683	9p21.1	33422857	pos	1	1	2	0.81322	0.70558466	0.6845	0.8025319	0.545384	0.93535465	0.21703995	2.5094199	0.59460626	0.89916773			0.59109	0.89917	0.486622847	1.08000464	0.171730096	1.38205962	0.0988845	1.72727273	0.464047	0.91256	0.0559113
T-box 1	NM_080646	6899	22q11.21	16684452	neg	1	1	2	0.22316	1.22431773	0.57571	0.92664133	0.217676	1.12994323	0.19294264	1.16276177	0.24024965	1.19591358	0.70205634	0.5944668	0.18355	1.25053	0.266831809	1.10699042	0.042083012	1.48658533	0.02432647	2.16923992	0.034727	2.15822	0.2360447
GABA(A) receptors associated	NM_032568	23766	15q26.1	87280255	neg	0	1	0	0.94229	0.5908267	0.67686	0.83103234	0.049752	1.45115285	0.63185558	0.88732659	0.22393489	1.57616833	0.21195604	1.57616833			0.51824623	1.01575072	0.569080165	0.69394851	0.52338072	0.74342324	0.42662	0.98824	0.82840438
zinc finger protein	NM_014415	27107	3q12.3	98033995	neg	1	1	2			0.40562	1.10071685	0.520796	0.96113589			0.45891039	1.41608961			0.45102	1.41609			0.561571069	0.84029044	0.52455799	0.71706072			
for protein disulfide isomerase	NM_006810	10954	3q21.1	119504652	neg	1	1	2	0.16245	1.35390241	0.08004	1.61065302	0.535621	0.97796642	0.28386829	1.33469927	0.39377886	1.04458445	0.38929676	1.04306856	0.45746	1.10355	0.636019812	0.95725592	0.385002455	1.04064534	0.40166185	1.19022154	0.677372	0.65477	0.44286684
myeloid cell leukemia sequenc	NM_021960	4170	1q21.2	148388973	pos	1	1	2			0.48193	1.46402778					0.61433386	0.8782436			0.61149	0.87824			0.383839366	1.02117991	0.57346868	0.84001105			0.17227137
phosphoserine phosphatase-li	NM_003832	8781	7p11.2	55304942	neg	0	1	1	0.96294	0.57429736	0.67364	0.83067261	0.004163	1.7978826			0.23628463	1.19068933	0.21427737	2.00176427	0.28444	1.14569	0.279722654	1.29355763	0.866024508	0.55584543	0.79278662	0.70392797	0.733043	0.65015	0.67514761
golgi associated, gamma adap	NM_015044	23062	16p12.2	22884141	neg	1	1	2	0.24816	1.19629115	0.28467	1.19158945	0.250279	1.12258847	0.09550163	1.26441021	0.12404578	1.34100131	0.02025726	1.77957967	0.86615	0.58686	0.307208081	1.09084397	0.530931714	0.97230964	0.41585066	1.41181934	0.901396	0.52763	0.64986089
DNA fragmentation factor, 45 k	NM_004401	1676	1p36.22	10482318	neg	0	1	0	0.79573	0.80787243	0.9455	0.56972341	0.018733	1.36231751	0.99999183	0.45123405	0.14643191	1.25754835	0.0932794	1.37957262	0.51979	0.98037	0.656196891	0.95619801	0.903270278	0.53901105	0.86219021	0.63270063	0.848265	0.60098	
DEAD/H (Asp-Glu-Ala-Asp/His)	NM_004398	1662	11q22.3	110792845	pos	1	1	2	0.63368	0.88717976	0.35748	1.14749284	0.268601	1.21033847	0.42030656	1.14525673	0.51160648	0.98432414			0.50534	0.98432	0.510139646	1.03338193	0.52808677	0.88001882	0.63850683	0.76043453	0.450408	0.93333	0.56056918
inositol polyphosphate-4-phos	NM_001566	3631	2q11.2	96943182	neg	1	1	0									0.48283917	1.01390411			0.47567	1.0139			0.330962848	1.24090082	0.48199429	0.99876314			
AE binding protein 1	NM_001129	165	7p13	43790525	neg	1	1	2																							
musculin (activated B-cell fact	NM_005098	9242	8q13.3	71836444	neg	1	1	2	0.14209	1.63210478	0.05528	2.27371087	0.158689	1.75258811			0.018357	1.99362275			0.01494	1.99362			0.008643722	2.81985445	0.04424481	4.13908672	0.03322	2.56209	
uridine phosphorylase	NM_003364	7378	7p12.3	47775256	pos	1	1	2																							
hypothetical protein FLJ10998	NM_018294	55280	10q24.31	100885259	neg	0	1	2	0.88526	0.70611228	0.7236	0.7892094	0.15585	1.39247551	0.62662513	0.84141929	0.54920345	0.9613787	0.17330491	2.68954692	0.67566	0.8421	0.80266632	0.79554495	0.671289551	0.70298482	0.67804336	0.78692141	0.510084	0.85857	0.72278159
epidermal growth factor recept	NM_004447	2059	12p12.3	15512693	pos	1	1	2																							
proopiomelanocortin (adrenoc	NM_000939	5443	2p23.3	25305116	neg	1	1	2	0.2576	1.23870361	0.21269	1.46126761	0.508923	0.98712175	0.19712154	1.39188721	0.11601036	1.56878486	0.26745882	1.61777724	0.13882	1.55555	0.741874178	0.8609269	0.137769096	1.28211443	0.13245055	1.59982874	0.152376	1.66873	0.97670943
EBNA1 binding protein 2	NM_006824	10969	1p34.2	43572318	pos	1	1	2																							
collagen, type XII, alpha 1	NM_004370	1303	6q13	75743976	neg	1	1	2	0.01724	1.83186025	0.06132	1.69545455	0.474003	1.00638723	0.41460141	1.04618464	0.58112359	0.87984156	0.44817152	0.88722729	0.55771	0.87213	0.222705597	1.13961538	0.576805365	0.9789735	0.38901135	1.25915237	0.350362	1.08768	0.47859722
tumor necrosis factor, alpha-in	NM_021137	7126	17q11.2	26517814	neg	1	1	1	0.3149	1.14541136	0.25908	1.23110048	0.643828	0.92905253	0.44310356	1.00001901	0.24756594	1.52355425	0.54258348	0.67309526	0.22763	1.55571	0.473641279	1.02858825	0.547468876	0.76455902	0.49985734	0.96823124	0.483163	0.89994	0.43622988
glutathione S-transferase pi	NM_000852	2950	11q13.3	69874218	neg	1	1	0	0.8343	0.76207207	0.75339	0.78221017	0.129547	1.19187911	0.39023429	1.03980675	0.32003922	1.10467308	0.03883702	1.94143311	0.69689	0.88576	0.071954773	1.30972319	0.862843412	0.55986423	0.44219219	1.0376878	0.911059	0.5098	0.26229974
ATP synthase, H+ transporting	NM_004889	9551	7q22.1	97590594	neg	0	1	2	0.84814	0.74835911	0.40374	1.07143354	0.205328	1.15307238	0.13123596	1.31617325	0.62683079	0.9417962	0.25875216	1.2380626	0.79944	0.82384	0.87859122	0.8374082	0.83600171	0.58663331	0.74506458	0.76137826	0.408343	1.0102	0.79267137
RAP1, GTPase activating prote	NM_002885	5909	1p36.12	21492818	pos	1	1	2	0.04936	1.56196656	0.08769	1.56762027	0.36964	1.05077383	0.35197974	1.05325912	0.75024906	0.81319524	0.86322471	0.48720146	0.57741	0.93521	0.779869616	0.90666887	0.733805613	0.57338601	0.49482906	0.77681578	0.528703	0.88387	0.1319698
engrailed homolog 2	NM_001427	2020	7q36.3	153479698	neg	0	1	2	0.42183	1.0647239	0.25143	1.29086453	0.24804	1.14447205	0.15957969	1.52578468	0.41847325	1.0813005			0.40945	1.0813			0.131721526	1.46008913	0.38336179	1.46174478	0.106922	1.98693	0.25886987
mitogen-activated protein kina	NM_002401	4215	17q23.2	61350510	pos	1	1	2									0.39793727	1.17808485			0.38839	1.17808									
nucleolar protein interacting w	NM_032390	84365	2q14.3	119689079	pos	1	1	2									0.81706717	0.60126375			0.82023	0.60126									
dynein, cytoplasmic, intermed	NM_004411	1780	7q21.3	93937329	pos	1	1	2	0.0201	1.73112417	0.35578	1.11249517	0.221872	1.11556872	0.0001626	1.78722854	0.41109775	1.03756251	0.02480539	1.48252499	0.9633	0.67369	0.000111351	1.68547913	0.318981564	1.14096545	0.13605408	1.51580887	0.995367	0.21838	0.82634056
hypothetical protein MGC1133	NM_030819	81577	16q22.1	58403417	neg	1	1	2	0.25084	1.20882237	0.12164	1.5641287	0.752486	0.85449031	0.4172743	1.23463218	0.35377867	1.12373313	0.60907462	0.35576638	0.33492	1.13156	0.658067083	0.93660452	0.897815077	0.50670462	0.91091456	0.53797946	0.476236	0.89559	0.86241921
regulatory factor X, 1 (influenc	NM_002918	5989	19p13.13	14429487	neg	1	1	2	0.32809	1.1396103	0.35792	1.12018934	0.624171	0.93073886	0.22725283	1.53419848	0.76579203	0.78838065	0.17860397	2.51027883	0.86216	0.68746	0.267098963	1.19482055	0.593051268	0.95909037	0.46934607	1.29308192	0.693399	0.58947	0.59228401
ELL gene (11-19 lysine-rich leu	NM_006532	8178	19p13.11	19048934	neg	1	1	2	0.27277	1.20640149	0.01835	2.25254593	0.462025	1.01392504	0.14921545	1.44388791	0.51202013	0.98626277			0.50577	0.98626	0.516132943	1.00619576	0.095236977	1.63689194	0.42408321	1.07363138	0.039788	2.2315	
hypothetical protein IMAGE34	NM_024006	79001	16p11.2	30184715	neg	1	1	2	0.57449	0.95226443	0.79723	0.75182997	0.092868	1.21454966	0.99451633	0.63882553	0.23476924	1.09201879	0.29979903	1.07588205	0.27916	1.12814	0.624205745	0.96777125	0.953800226	0.4688399	0.87390536	0.62897886	0.839674	0.60748	0.92384924
adaptor protein containing pH	NM_012096	26060	3p14.3	56121188	pos	1	1	2	0.23939	1.23305832	0.05961	1.71038066	0.262316	1.13622907	0.45653885	0.96069079	0.22284294	1.22315877	0.42877349	0.84531403	0.18841	1.25858	0.334296597	1.10391102	0.369604808	1.03227017	0.34960437	1.16950758	0.603804	0.7549	0.41596281
dual specificity phosphatase 8	NM_004420	1850	#N/A	#N/A		1	1	0																	0.496084581	0.77415507	0.69965199	0.64060939			
likely ortholog of mouse tumo	NM_024636	79689	7q21.12	86443202	neg	1	1	2	0.48901	1.22348759	0.06866	1.94460383	0.431593	1.06504981	0.45777593	0.93771892	0.35775251	1.14760208			0.34729	1.1476	0.336509086	1.24163595	0.297213857	1.37769077	0.298678	1.56035141	0.374752	1.14027	0.74129402
feline sarcoma oncogene	NM_002005	2242	15q26.1	87616209	neg	1	1	2									0.89234611	0.63666982			0.89648	0.63667			0.118823217	1.57446376	0.05738364	2.04660046			
hypothetical protein DKFZp434	NM_032140	84080	16q22.1	58391828	neg	1	1	2	0.17659	1.2857073	0.14134	1.42433592	0.899175	0.80890964	0.43995207	1.08562126	0.34107367	1.15041031	0.57721618	0.74162107	0.31194	1.17346	0.069256783	1.29293597	0.00091182	2.90169742	0.01014165	2.85612026	0.000804	6.31092	0.12968089
hypothetical protein FLJ14451	NM_032786	84872	12q13.2	56406674	pos	1	1	2	0.66853	0.81927708			0.495316	0.98699523	0.43123351	1.31017782	0.74882677	0.61777764			0.7503	0.61778			0.559991981	0.97050637	0.44454338	1.05163884			
ubiquitously-expressed transc	NM_004182	8409	Xp11.23	46313962	neg	1	1	2	0.23238	1.24548128	0.27536	1.22343841	0.197442	1.16603227	0.31428537	1.13768553	0.41789428	1.07410726			0.40886	1.07411	0.337883407	1.19365928	0.749427634	0.46126194	0.78565711	0.43290043	0.718206	0.59263	0.89718781
Rho guanine nucleotide excha	NM_015313	23365	11q23.3	122207398	neg	1	1	2			0.42117	1.12955635	0.420502	1.16992405			0.34978831	1.24491739			0.33916	1.24492			0.361807035	1.44907458	0.45788125	1.24747475			
hypothetical protein MGC4293	NM_031304	83475	19p13.3	3583161	neg	1	1	0			0.65199	0.86552529	0.025689	1.52410116	0.24208611	1.16000961	0.18058085	1.2359434	0.51167513	0.87254723	0.16823	1.23691	0.290067398	1.10617459	0.798021979	0.70308281	0.81566937	0.71212121	0.335172	1.09007	0.60589442
nth endonuclease III-like 1 (E.	NM_002528	4913	16p13.3	2107254	neg	0	1	0			0.34026	1.32655473					0.87215036	0.67992851			0.87616	0.67993			0.274653921	1.24761726	0.20280531	1.67243867			
gem (nuclear organelle) assoc	NM_015721	50628	17p13.3	599946	neg	1	1	2	0.06619	1.50812601	0.05996	1.69274782	0.741546	0.89036156	0.30545924	1.15298861	0.60726852	0.95012446	0.42632462	0.95575686	0.57617	0.94054	0.346076075	1.0704821	0.413762868	1.04105751	0.25630028	1.44700978	0.567733	0.84429	0.50342329
annexin A5	NM_001154	308	4q27	123513810	neg	1	1	2																							
NADH dehydrogenase (ubiquir	NM_021074	4729	19q13.41	54372973	pos	1	1	1	0.29737	1.18172553	0.12796	1.49379915	0.403858	1.04482585	0.16430658	1.35841428	0.5318332	0.96431413			0.52622	0.96431	0.374272651	1.10183208	0.30853229	1.2051573	0.26627983	1.41883117	0.663001	0.72634	0.79459969
protocadherin alpha 4	NM_018907	56144	5q31.3	140003110	neg	0	1	2	0.66577	0.80825051	0.23176	1.6343414	0.511723	0.96885655	0.47507643	0.56498752	0.04930856	2.91489252			0.04267	2.91489			0.345491657	1.15473742	0.49978433	0.9629395	0.059867	9.36765	0.30293602
nuclear DNA-binding protein	NM_006333	10438	2p14	68402983	pos	0	1	2			0.25698	1.78296296					0.84621094	0.53374865			0.8499	0.53375			0.562139358	0.92367376	0.61660778	0.63678257			
gamma-glutamyltransferase-lil	NM_052830	2686	20q11.22	33191863	pos	1	1	2	0.59599	0.90541522	0.12508	1.73551223	0.434797	1.0523111			0.31946327	1.1799802			0.30829	1.17998	0.301566997	1.4271117	0.142130967	1.80736464	0.13272462	2.05627706			
vesicle transport-related prote	NM_016106	23256	14q12	28467434	pos	1	1	2	0.32805	1.14578661	0.17723	1.38453414	0.42042	1.03764524	0.44842628	0.96699519	0.49901886	1.01195277	0.69543594	0.54717461	0.36753	1.27956	0.441737897	1.07742412	0.644764361	0.67466864	0.70708778	0.72637319	0.686469	0.64275	0.59786476
chromodomain helicase DNA b	NM_001273	1108	12p13.31	6534062	neg	1	1	2									0.87642993	0.58079073			0.88047	0.58079			0.210149272	2.01566723	0.30089395	1.64502165			
H2A histone family, member I	NM_003511	8332	3q12.1	96423680	neg	1	1	2	0.64246	0.90756083	0.74519	0.79444316	0.036881	1.3285692	0.70678464	0.81635541	0.07648047	1.29386307	0.05793333	1.57111698	0.24737	1.15911	0.445824871	1.03275407	0.926478619	0.5147388	0.83179439	0.68210911	0.867256	0.56357	0.62116992
zinc-finger protein ZBRK1	NM_021632	59348	19q13.33	53098133	neg	0	1	0	0.56012	0.93261034	0.54115	0.92642944	0.25498	1.35935528	0.23264487	1.40884871	0.47495579	1.16421054			0.46755	1.16421			0.306994646	1.03425742	0.35110399	1.16856721	0.046351	2.72269	0.21895789
plakophilin 4	NM_003628	8502	2q24.1	157245165	neg	1	1	2									0.51069268	0.97657188			0.5044	0.97657			0.354058598	1.16532412	0.55120432	0.82251082			
KIAA0843 protein	NM_014945	22885	5q33.1	148564728	neg	1	1	1	0.91372	0.66475365	0.59663	0.90306338	0.358364	1.07469157	0.71283663	0.72108916	0.28988529	1.17076655			0.2783	1.17077	0.411213719	1.08150857	0.590711495	0.91415797	0.47734364	1.15416841	0.278519	1.20174	0.04173709
KIAA0618 gene product	NM_014833	9883	7q11.23	70990414	neg	1	1	0	0.32742	1.12763172	0.18105	1.33806443	0.47015	1.00828379	0.28954447	1.08990254	0.25680243	1.16927178	0.69730089	0.58969615	0.20454	1.21132	0.192248154	1.14401037	0.592368449	0.95364967	0.42200998	1.2087333	0.636185	0.77156	0.58752054

centromere protein C 1	NM_001812	1060	4q13.2	68249660	neg	1	1	2																							
kinesin family member 5B	NM_004521	3799	10p11.22	32035375	pos	1	1	1																							
fatty acid amide hydrolase	NM_001441	2166	1p33	46554126	pos	1	1	2									0.83209307	0.55411108			0.83555	0.55411									
proteasome (prosome, macrop	NM_002796	5692	1q21.3	149213980	neg	0	1	2	0.65756	0.90078945	0.90322	0.63872844	0.268246	1.09042534	0.98675411	0.67921483	0.22768622	1.09833539	0.11585823	1.27281571	0.46053	1.01475	0.503177106	1.00942595	0.92488628	0.517904	0.86142741	0.64109587	0.946993	0.45004	0.79692997
solute carrier family 25 (mitoch	NM_001152	292	Xq24	113420197	neg	1	1	1									0.58993752	0.84197335			0.58627	0.84197									
S100 calcium binding protein A	NM_002966	6281	1q21.3	149796237	neg	1	1	2	0.98388	0.3165569	0.48142	1.24107565			0.3771827	1.21851446	0.50984474	0.54281351			0.50352	0.54281			0.165226612	1.49564123	0.12524521	1.75890776	0.616938	0.61457	
F-box only protein 24	NM_012172	26261	7q22.1	98718784	neg	1	1	2	0.364	1.16557919	0.07283	1.72029915	0.258859	1.17447652	0.99990734	0.38275312	0.37774914	1.01590314	0.39382718	1.01281069	0.3206	1.15181	0.314487484	1.13931302	0.407243392	1.27623468	0.4509203	1.46876933	0.488969	0.85882	0.52404775
thymic stromal lymphopoietin	NM_033035	85480	5q22.1	110030561	neg	0	1	2									0.52622147	0.70158854			0.52043	0.70159			0.250687926	3.58381651	0.33516093	2.46753247			
HSPC039 protein	NM_016097	51124	18q21.1	44986695	neg	1	1	2	0.91089	0.48298775	0.35506	1.33436578					0.53088091	0.682825			0.52524	0.68283			0.540225451	0.42545888	0.54362891	0.35165318			
spastic paraplegia 7, paraplegi	NM_003119	6687	16q24.3	80894790	neg	1	1	2									0.39697149	1.17423361			0.3874	1.17423			0.548216135	0.73632841	0.54570767	0.61161061			
ATP-binding cassette, sub-fam	NM_019624	23457	12q24.31	122118404	neg	1	1	2									0.66531324	0.76913446			0.66418	0.76913									
forkhead box D3	NM_012183	27022	1p31.3	63723819	pos	1	1	2									0.82464307	0.58865348			0.82796	0.58865									
epilepsy, progressive myoclon	NM_005670	7957	6q24.3	145569606	pos	1	1	2	0.82215	0.76732708	0.65875	0.84911924	0.280142	1.13141121	0.71642993	0.79153518	0.347274	1.10938245	0.22534379	2.18970111	0.4012	1.06544	0.68606435	0.92272457	0.528062413	0.8754613	0.47057302	1.01501336	0.518428	0.86096	0.65325052
mitochondrial ribosomal prote	NM_016503	51263	2q11.2	97679517	neg	0	1	2	0.8294	0.54208355			0.47788	1.02984428			0.63553372	0.83474967			0.63341	0.83475			0.50036069	0.70961996	0.70538124	0.4838299			
hypothetical protein BC012124	NM_138423	113201	15q15.3	39948133	neg	0	1	2	0.26718	1.25609709	0.38608	1.14678932	0.418625	1.15450481	0.29381683	1.19227771	0.98711927	0.51085257	0.99951629	0.2813361	0.3538	1.18692			0.792508943	0.51535711	0.27305313	1.22828283	0.822471	0.59492	0.55714669
insulin-like growth factor bindi	NM_002178	3489	12q13.13	53650444	neg	0	1	2	0.59455	0.92667619	0.30452	1.17486545	0.483939	1.00391496	0.50564992	0.90274466	0.55934823	0.94789535	0.48109577	0.85603587	0.55279	0.94928	0.59725704	0.96959158	0.31316849	1.11426715	0.16830306	1.47414792	0.353486	1.07823	0.31738499
hypothetical protein FLJ11198	NM_018358	55324	3q27.1	180712334	neg	1	1	2									0.19379784	1.88534941			0.18194	1.88535									
adrenergic, alpha-2A-, recepto	NM_000681	150	10q25.2	111730107	neg	1	1	2	0.17785	1.38356286	0.03641	2.06151346	0.342907	1.11661687	0.21668419	1.24354451	0.46946393	1.03050512			0.46189	1.03051	0.213947079	1.20489988	0.194197861	1.31817402	0.39929437	2.46753247	0.209681	1.48235	0.4840551
KIAA1079 protein	NM_014916	22853	7q21.3	96270980	pos	1	1	2	0.17828	1.54451949	0.04742	2.10160256	0.10815	1.42499107			0.41577441	1.08882498			0.40668	1.08882	0.20925767	1.54895052	0.282938547	1.51245398	0.40549923	1.23376623			
squamous cell carcinoma anti	NM_014706	9733	12q23.3	108022439	pos	1	1	2			0.20834	1.82704403	0.247936	1.53939915			0.22117224	1.46558682			0.2092	1.46559									
hepatocyte nuclear factor 3, al	NM_004496	3169	14q21.1	35439891	pos	1	1	1																							
FtsJ homolog 2 (E. coli)	NM_013393	29960	7p22.3	1918298	neg	1	1	2	0.17254	1.28190217	0.5061	0.98151876	0.522972	0.98665566	0.48855838	0.83472183	0.54317448	0.9690761	0.53551266	0.81142636	0.53328	0.97256	0.334189697	1.07356736	0.556823142	0.82015588	0.41808386	1.06926407	0.61527	0.77276	0.62656194
testis-specific kinase 2	NM_007170	10420	1p34.1	45536898	neg	1	1	2	0.41591	1.07417563	0.29144	1.28224359	0.282692	1.21678011			0.26760748	1.21886046			0.2558	1.21886	0.319902026	1.20820529	0.384806917	1.18660875	0.4758066	1.10961366			0.51125922
inositol 1,4,5-trisphosphate 3-k	NM_025194	80271	19q13.2	41862537	pos	1	1	2									0.94927903	0.23815383			0.95285	0.23815			0.356784299	1.18291017	0.54110481	0.82251082			
SHB (Src homology 2 domain c	NM_003028	6461	9p13.1	38231824	neg	1	1	2																							
GA binding protein transcriptio	NM_002041	2553	15q21.2	46135431	neg	1	1	2	0.22786	1.35365516	0.02315	2.42900262	0.545727	0.94081803	0.3508333	1.91869767	0.5629221	0.91836206			0.55834	0.91836	0.310946039	1.4279733	0.489974844	0.99247679	0.46294985	1.0777728	0.567961	0.5554	0.39366854
hypothetical protein	NM_016478	51530	7q32.2	128134451	pos	0	1	2	0.91512	0.68691755	0.90875	0.6281662	0.45442	1.01817119	0.96462391	0.5259615	0.2508721	1.16404513	0.24673941	1.17916485	0.41289	1.10856	0.721098423	0.93256819	0.807321166	0.5118702	0.69431663	0.61973906	0.698169	0.71527	0.89353983
hypothetical protein MGC5528	NM_024094	79075	8q24.12	119833412	pos	1	1	2	0.08126	1.55863795	0.03358	2.07165052	0.724976	0.81901632			0.26093454	1.20801286			0.24908	1.20801	0.11841425	1.3286508	0.306387043	1.31175633	0.39294263	1.24958375			
potassium voltage-gated chan	NM_003471	7881	3q25.31	153023693	neg	0	1	0	0.65048	0.86138343	0.42271	1.07695749					0.2403375	1.27305257			0.22838	1.27305			0.212236933	1.15814725	0.21451527	1.38912939	0.109844	2.33333	0.23855265
protein tyrosine phosphatase,	NM_080601	5781	12q24.13	111712443	neg	1	1	2	0.91358	0.67884086	0.77158	0.75761628	0.224495	1.15441071	0.64861832	0.88012956	0.6929936	0.88112339			0.69276	0.88112			0.928851374	0.45711293	0.86535086	0.64232869	0.605048	0.79696	0.6212313
DKFZP564K247 protein	NM_014056	25994	3p22.1	42130586	pos	1	1	2	0.44165	1.04588498	0.10136	1.65102163	0.854742	0.77549695	0.95192941	0.47697904	0.57369418	0.93688217			0.56948	0.93688			0.608565752	0.75263319	0.5701222	0.90786572	0.591477	0.68434	
GDP-mannose 4,6-dehydratase	NM_001500	2762	6p25.3	1609077	neg	1	1	1	0.31659	1.15072868	0.12875	1.49465039	0.215634	1.27716758	0.29378188	1.17549667	0.41339034	1.07638013			0.40424	1.07638	0.4998015	1.01715522	0.539795568	0.81812644	0.54819966	0.92303992			0.49776503
p21(CDKN1A)-activated kinase	NM_020168	56924	15q15.1	35899648	neg	0	1	2	0.54196	0.97187824	0.75982	0.78302757	0.623838	0.94778166	0.24158191	1.11916791	0.86580884	0.77291398	0.92294546	0.48772592	0.70409	0.87128	0.833088668	0.86349975	0.247334693	1.20553131	0.06310196	1.77111411	0.681063	0.76288	0.20002445
ancient ubiquitous protein 1	NM_012103	550	2p13.1	74891412	neg	1	1	2	0.0382	1.62819396	0.0305	1.90939745	0.873177	0.8334679	0.55028473	0.94033396	0.35148998	1.10280771	0.47063071	0.87279404	0.33611	1.1072	0.199889333	1.14543734	0.677468703	0.59558679	0.39325081	1.0977356	0.726873	0.64171	0.87187046
CCAAT-box-binding transcript	NM_005760	10153	2p22.2	37393709	neg	1	1	2	0.50091	0.99791835	0.21456	1.32427261	0.379516	1.07187455	0.39444813	1.05897082	0.29801918	1.23227914	0.73663279	0.20170988	0.25352	1.28221	0.391119787	1.1129294	0.437343855	1.05721264	0.48032478	1.01991342	0.577022	0.71658	0.46863737
ephrin-A5	NM_001962	1946	5q21.3	106471413	pos	1	1	2			0.27668	3.62373188																			
similar to triple functional dom	NM_133483	115557	12q13.3	57607315	neg	1	1	2	0.90189	0.66941481	0.03436	2.42615385	0.030999	1.71597987	0.31436912	1.11037649	0.40685253	1.07987814	0.11833779	2.1265017	0.62803	0.89665	0.212385282	1.2957074	0.572335153	0.99180501	0.27913799	1.25076026	0.493576	0.87197	0.27631985
erythrocyte transmembrane pr	NM_016158	51145	9q33.3	119621358	pos	1	1	2																							
argininosuccinate synthetase	NM_054012	445	9q34.11	124335014	neg	1	1	2									0.81359546	0.69013872			0.81669	0.69014			0.298975163	1.22210809	0.38469318	1.18142464			
semaphorin sem2	NM_020163	56920	3p21.31	51559638	neg	0	1	0	0.56954	0.95081505	0.29085	1.19844183	0.52466	0.98078965	0.4317394	1.01919912	0.6044446	0.99116237	0.40139818	0.9913591	0.53341	0.97024	0.699516766	0.91774886	0.355076055	1.0747825	0.18746276	1.3883516	0.729935	0.68193	0.43902927
dysferlin, limb girdle muscular	NM_003494	8291	2p13.2	71690240	pos	1	1	2	0.48415	1.01879594	0.17786	1.60120833	0.822928	0.75249115	0.45003929	0.97595843	0.46891811	1.02550748			0.46133	1.02551			0.02764343	1.85602026	0.0051233	4.12234591	0.172844	2.82353	0.71208854
achaete-scute complex-like 2 (	NM_005170	430	11p15.5	2353041	neg	1	1	1	0.91811	0.50474047	0.2429	1.4027	0.250711	1.46231871	0.12745468	2.7979391	0.0083679	2.12289988			0.00648	2.1229			0.242615	1.23227814	0.43457137	1.09778662	0.223513	1.49608	
chromosome 20 open reading	NM_032883	84969	20q13.12	42273291	pos	1	1	2	0.53586	0.96750084	0.0487	1.96344086	0.434703	1.04513864			0.17827808	1.44334115			0.16657	1.44334			4.36511E-06	7.74034655	0.0001644	9.14472102	0.000182	14.4623	1.2395E-07
Mix-like homeobox protein 1	NM_031944	83881	#N/A	#N/A		1	1	0																							
galactose-1-phosphate uridyly	NM_000155	2592	9p13.3	34958886	neg	1	1	2	0.88073	0.7221868	0.83861	0.70007234	0.081142	1.24372282	0.70419926	0.87270856	0.35743398	1.06415881	0.27215115	1.23310452	0.44798	1.02351	0.84696775	0.86247953	0.943720466	0.4732776	0.84001799	0.67521304	0.859187	0.51019	0.92122759
zinc finger protein 222	NM_013360	7673	19q13.31	45175043	neg	0	1	2			0.29955	1.2396637	0.184512	1.30756435	0.10115267	1.59291106	0.68236081	0.81215255			0.68179	0.81215			0.591510622	0.8957106	0.50544846	0.92238714	0.419224	0.9951	
KIAA0717 protein	NM_015178	23221	8p21.2	22627032	pos	1	1	2	0.12457	1.44203948	0.29387	1.19331502	0.167979	1.25281794			0.1837183	1.34302361			0.17195	1.34302	0.463313387	1.03618138	0.381129744	1.87912303	0.46411622	2.51755002			0.24705498
spectrin, alpha, non-erythrocyt	NM_003127	6709	9q34.11	122429586	neg	0	1	2									0.65166623	0.79489105			0.65008	0.79489			0.385634109	1.02308495	0.54466205	0.84904343			
protein phosphatase 1, regulat	NM_033256	94274	19q13.2	39356410	pos	1	1	2	0.50122	0.99794084	0.39966	1.07275766	0.139736	1.19543367	0.81059649	0.82773527	0.16255059	1.19959765	0.28136046	1.19480318	0.19645	1.20196	0.557195701	0.99054809	0.256713649	1.10539477	0.28099409	1.25445833	0.16479	1.37343	0.56157699
hypothetical protein FLJ10851	NM_018245	55753	10q11.23	49847393	neg	1	1	2	0.39274	1.09263646	0.05128	1.94471376	0.330893	1.19853226			0.36730678	1.115257			0.35704	1.11526	0.348088324	1.15344269	0.408042507	1.13638686	0.44213934	1.39312771	0.397312	1.03836	0.2628837
MCT-1 protein	NM_014060	28985	Xq24	114555623	neg	0	1	1	0.89069	0.68137664	0.83768	0.69463838	0.036313	1.47685349	0.72389855	0.83657381	0.26581114	1.17687088	0.35205585	1.17109079	0.29377	1.17999	0.571710969	0.9719963	0.645909064	0.56987822	0.73078389	0.60136404	0.567823	0.79537	0.58401879
gene for serine/threonine prote	NM_018401	55351	4p16.2	4931381	pos	1	1	2	0.00086	2.57320457	0.10076	1.52977544	0.112266	1.22651893	0.2126261	1.25468925	0.03965862	1.36736035	0.22432646	1.19211362	0.03009	1.61178	0.002852774	1.50228962	0.00894489	1.93968775	0.03652857	2.04054597	0.002074	4.11404	0.19384977
leptin receptor overlapping tra	NM_015344	23484	8p12	29868516	pos	1	1	0																							
hypothetical protein BC014057	NM_138452	115817	14q11.2	22132245	neg	1	1	2	0.35572	1.12159779	0.10198	1.60023757	0.80421	0.8406334	0.55871286	0.89765061	0.81624053	0.80986601	0.35283775	1.13299357	0.95	0.58804	0.354361293	1.10477027	0.556467395	0.96745937	0.46365995	1.02272727	0.513736	0.81142	0.62747184
GLE1 RNA export mediator-like	NM_001499	2733	9q34.11	122381710	neg	1	1	1	0.36379	1.11385641	0.2812	1.22231041	0.20814	1.22025462	0.38579771	1.40497784	0.69189911	0.79951664			0.69163	0.79952	0.978599667	0.4118468	0.580648163	0.98939174	0.49327114	0.95959596	0.40678	1.02071	0.42615479
NADH dehydrogenase (ubiquin	NM_004544	4705	2q37.3	240548117	neg	1	1	1	0.90629	0.63693481	0.58228	0.91103408			0.66350092	0.47043224	0.45347191	1.0646505	0.24867911	2.15985976	0.55896	0.9287	0.419161148	1.13531202	0.530510072	0.76780409	0.52308501	0.84976269	0.376859	1.08556	0.63201203
BRCA1-interacting protein 1	NM_032043	83990	17q23.2	59523847	pos	1	1	2	0.15573	1.41770134	0.11248	1.75541295	0.508763	0.98551911			0.26989583	1.25893364	0.56864431	0.4152661	0.25371	1.26579	0.539745823	0.99444559	0.395124669	1.06362311	0.48708245	0.98378745	0.685489	0.61176	0.55700692
collagen, type IV, alpha 3 (Goo	NM_031362	1285	2q36.3	226051635	pos	1	1	2									0.88296336	0.57819571			0.88705	0.5782			0.221694499	1.57037247	0.32798368	1.34686147			
ubiquitin associated protein	NM_016525	51271	9p13.3	34491284	neg	1	1	2	0.6236	0.91427919	0.34268	1.13818565	0.199885	1.32989543	0.50925789	0.95048032	0.39283767	1.05721209	0.38286722	1.05741492	0.49478	0.94145	0.470168254	1.03285143	0.764151886	0.59528584	0.72009677	0.74587938	0.519637	0.79779	0.72259536
testican 3	NM_016950	50859	4q32.3	168413131	pos	1	1	2	0.0067	2.00345278	0.13777	1.42008857	0.092767	1.22548735	0.0017496	1.88255684	0.01527931	1.58034635	0.00658826	1.69203992	0.67901	0.71439	0.000117568	1.74919384	0.41484773	1.01121586	0.25890697	1.2544298	0.987581	0.30215	0.84365131
carboxypeptidase Z	NM_003652	8532	4p16.1	8583716	neg	1	1	2	0.17921	1.30613499	0.09579	1.58970766	0.597617	0.93991749	0.4482098	0.94180658	0.56094816	0.94399106			0.5563	0.94399	0.177206534	1.19035422	0.099369401	1.42371472	0.00258599	3.64485188	0.355709	1.08756	0.02050047
v-crk sarcoma virus CT10 onco	NM_005207	1399	22q11.21	17970434	neg	1	1	2	0.40328	1.07785144	0.17434	1.40878427	0.724541	0.85883942			0.55388007	0.94146143			0.549	0.94146	0.342770367	1.15813599	0.67023039	0.63569825	0.78698431	0.62957619			0.51426165
RNA binding protein (autoantig	NM_016732	22913	20q11.22	32340464	pos	1	1	2			0.37156	1.49049296					0.5118388	0.98025469			0.50558	0.98025			0.511611823	0.89985242	0.56486563	0.8940335			
N-myc downstream-regulated	NM_016250	57447	14q11.2	18857351	neg	1	1	2	0.74269	0.80555647	0.63964	0.83889505	0.096194	1.30591461	0.53499145	0.91248397	0.60188803	0.92718366	0.35926098	1.7084167	0.62935	0.90297	0.496461962	1.02426251	0.655803447	0.72974811	0.47621229	1.00562455	0.4202	0.9963	0.48305442
faciogenital dysplasia (Aarsko	NM_004463	2245	Xp11.22	51323806	pos	1	1	2	0.65543	0.89432868	0.80159	0.74165438	0.44402	1.01839608	0.99947726	0.53465274	0.17397419	1.22075389	0.05469731	1.61289943	0.55457	0.96289	0.844429882	0.87386466	0.951533037	0.47817085	0.89164645	0.61990705	0.846958	0.59699	0.79896492
DKFZP434C171 protein	NM_015621	26112	5q33.1	150629652	neg	1	1	0	0.57291	0.94481591	0.32657	1.165844	0.191044	1.17352941	0.99999982	0.27303595	0.65051322	0.86610628			0.64889	0.86611	0.734904483	0.88710424	0.740389501	0.60980541	0.76066914	0.69835825	0.556546	0.82941	0.47672627
transcription factor 21	NM_003206	6943	6q23.2	133833429	pos	0	1	2																							
UDP-Gal:betaGlcNAc beta 1,4-	NM_001497	2683	9p21.1	33422857	pos	1	1	2																							
chromosome 21 open reading	NM_016940	10069	21q21.3	26956938	pos	0	1	2	0.74968	0.83741405	0.85243	0.6970371	0.031261	1.32851014	0.88232447	0.76413372	0.13858128	1.21436031	0.06752466	1.59873057	0.34918	1.08201	0.998561711	0.66365166	0.974888193	0.41644729	0.88852973	0.61410436	0.89316	0.5336	0.95396154
kangai 1 (suppression of tumo	NM_002231	3732	11p12	45291819	pos	1	1	2																							
RAS p21 protein activator (GTP	NM_022650	5921	5q14.3	85552704	pos	0	1	2			0.07452	1.64242914	0.207264	1.14424441	0.3324297	1.09231633	0.55289073	0.94980338			0.54798	0.9498	0.43192834	1.04356082	0.585654515	0.93834775	0.52919301	0.9334845	0.701372	0.64706	0.33876395
hypothetical protein FLJ10706	NM_018186	55732	1q24.2	167393068	neg	0	1	1									0.68868676	0.79116674			0.68832	0.79117			0.331692405	1.17319932	0.45062334	1.06590688			
hypothetical protein MGC1052	NM_030580	80778	8q24.3	143606252	neg	0	1	0			0.67677	0.725					0.6231497	0.71852667			0.62061	0.71853			0.717545252	0.84117328	0.47042845	1.0130926	0.411347	1.02941	
prostate tumor over expressed	NM_017432	53635	19q13.33	51012918	neg	1	1	2									0.41734762	1.15400416			0.4083	1.154									
phosphatidylinositol (4,5) bisp	NM_019892	56623	9q34.3	130390868	neg	1	1	2									0.38417385	1.20797917			0.37429	1.20798			0.579400324	0.56002576	0.7563966	0.47979798			
Fas (TNFRSF6)-associated via	NM_003824	8772	11q13.3	72381095	neg	1	1	1	0.37444	1.08874306	0.26909	1.20967241	0.409925	1.04310825	0.60542618	0.84244514	0.26387122	1.11995349	0.35913595	1.08661479	0.27597	1.16079	0.251316635	1.11898036	0.388645563	1.03733563	0.4436754	1.39004329	0.400442	1.02098	0.38221235
signal recognition particle 14k	NM_003134	6727	15q15.1	35695815	neg	1	1	2	0.58002	0.94364168	0.5897	0.91072319	0.070178	1.32073066	0.88986345	0.73990749	0.63145946	0.90531419			0.6292	0.90531	0.185275464	1.28179502	0.727091515	0.55693884	0.636476	0.45348253	0.716046	0.70191	
ARF protein	NM_016632	51326	17q21.31	44024795	neg	0	1	0	0.46733	1.02186684	0.35761	1.11824882	0.953795	0.74783838	0.32296415	1.13584006	0.40487488	1.03379689	0.41476108	0.96992091	0.16476	1.29934	0.388875636	1.05986376	0.760498007	0.60412306	0.66168865	0.80631966	0.596521	0.76161	0.43184363
solute carrier family 25 (mitoch	NM_006358	10478	22q13.2	37780615	pos	1	1	2																							
paired-like homeodomain trans	NM_005029	5309	10q24.32	102883145	pos	0	1	0	0.78018	0.81245184	0.67716	0.8456995	0.010895	1.84401176	0.78571052	0.49745558	0.21811116	1.17307696	0.26394299	1.31137146	0.27466	1.13973	0.9988558	0.609234	0.855313786	0.54313204	0.70506221	0.79592777	0.446364	0.96866	0.64577753
solute carrier family 18 (vesicu	NM_003054	6571	10q26.11	117919404	neg	1	1	2									0.94918121	0.26581488			0.95276	0.26581									
CSE1 chromosome segregatio	NM_001316	1434	20q13.13	47391326	neg	1	1	2	0.70405	0.80269038	0.36906	1.15035088	0.178509	1.56325275	0.48416188	0.9202879	0.43190145	1.05767357			0.42324	1.05767	0.434047657	1.14724879	0.376276988	1.02839359	0.4196767	1.09482859	0.537027	0.73369	0.47722474
kringle-containing transmemb	NM_032045	83999	22q12.1	26165201	pos	1	1	2									0.99735946	0.12001101			0.99789	0.12001									
RAB5C, member RAS oncogen	NM_004583	5878	17q21.2	39830902	pos	1	1	2	0.48379	1.0092458	0.60724	0.90402047	0.419635	1.02690497	0.99754569	0.60787392	0.1641917	1.15671984	0.26161887	1.11945749	0.19485	1.22783	0.691962717	0.94533907	0.840428448	0.57766563	0.72012922	0.79087579	0.462314	0.64477	0.837041
inner centromere protein antig	NM_020238	3619	11q12.3	64409433	pos	1	1	0	0.61245	0.90900699	0.36515	1.15126096	0.867532	0.75453547	0.57571234	0.74692347	0.48575188	1.04378132			0.47867	1.04378	0.347381796	1.17489207	0.590341767	0.58438	0.5406498	0.92532468	0.630317	0.68212	0.46261235
tumor protein, translationally-c	NM_003295	7178	13q14.13	43911606	neg	1	1	2	0.00014	3.22489983	0.13369	1.42711436	0.000315	2.15512719	0.28472585	1.07293135	0.29550232	1.33876262	0.49241942	0.87006515	0.28306	1.34159	0.0052834	1.47774737	0.044625376	1.42845899	0.00975569	2.65069664	0.133655	1.54041	0.00996395
apoptotic protease activating f	NM_001160	317	12q23.1	98489341	pos	1	1	2	0.48245	1.01401771	0.32488	1.14562995	0.495063	0.99807214	0.06873777	1.29453575	0.61332082	0.93486779	0.45751233	0.946373	0.60286	0.93172	0.393544947	1.05262455	0.749630289	0.81711106	0.22151465	1.30009775	0.943994	0.43092	0.39049669
FtsJ homolog 1 (E. coli)	NM_012280	24140	Xp11.23	47137344	neg	1	1	2									0.55866787	0.89343367			0.55395	0.89343									
hypothetical protein FLJ22551	NM_024708	140460	15q26.3	97825828	neg	0	1	1	0.08947	1.44447832	0.23625	1.25703925	0.910029	0.8087898	0.53413267	0.87152339	0.11883554	1.30878216	0.76300687	0.63335369	0.05772	1.44051	0.160559414	1.17309758	0.769249828	0.67501906	0.42362727	1.06845769	0.866536	0.53915	0.61531335
neuropilin 2	NM_003872	8828	2q33.3	204764919	neg	1	1	2	0.1351	1.55362871	0.11996	1.68330346	0.24232	1.34666253	0.32687654	1.18877194	0.26692976	1.24125287			0.25512	1.24125	0.097791359	1.67683116	0.614509393	0.83910047	0.61501161	0.81064769	0.436095	0.9644	0.47030682
MAWD binding protein	NM_022129	64081	10q21.3	68853634	pos	0	1	0																							
organic anion transporter poly	NM_030958	81796	8q13.2	69673855	pos	1	1	2									0.71684289	0.71037863			0.71736	0.71038									
PYK2 N-terminal domain-intera	NM_031220	83394	17p13.2	6748940	pos	1	1	0																							
beta-amyloid binding protein p	NM_032027	83941	1p31.3	62080524	pos	0	1	2	0.50159	0.87967713	0.59518	0.87704131	0.442894	1.03721235	0.5200595	0.88902271	0.24343138	1.33625906	0.43637722	0.83375021	0.19981	1.42593	0.656795522	0.77244669	0.968881145	0.3368425	0.98336468	0.38752914	0.500849	0.86322	0.6462916
hypothetical protein FLJ10462	NM_018099	55711	12p11.22	29674824	pos	1	1	2	0.71193	0.71665158	0.36007	1.31178161	0.651613	0.48196255	0.57233568	0.66757863	0.26142749	1.64862198			0.24957	1.64862			0.555609179	0.67271341	0.51438814	0.63401876			
thioredoxin	NM_003329	7295	9q31.3	103804507	pos	1	1	1																							
A kinase (PRKA) anchor protei	NM_004857	9495	14q23.2	62261201	neg	0	1	2																	0.801500465	0.23710374	0.93618543	0.19781906			
potassium voltage-gated chan	NM_012281	3751	7q31.31	118391551	pos	1	1	2					0.458426	1.12300066			0.32599539	1.26621377			0.31493	1.26621			0.957511203	0.16388448	0.99423405	0.13919414			
cytokine receptor-like factor 1	NM_004750	9244	19p13.11	19198359	neg	1	1	1																							
protein phosphatase 1D magn	NM_003620	8493	17q23.2	58414297	pos	1	1	2	0.14413	1.35080812	0.06087	1.73705212	0.587296	0.95114474	0.47708469	0.92754002	0.26334909	1.19095329	0.42923546	0.92013401	0.17672	1.33912	0.182979381	1.17606562	0.297891939	1.17184434	0.31683516	1.25066714	0.545875	0.83034	0.50435631
thyroid stimulating hormone r	NM_000369	7253	14q31.1	78927690	pos	1	1	2									0.41628914	1.14910301			0.40721	1.1491			0.566867378	0.94913309	0.6205463	0.65496232			
KIAA0711 gene product	NM_014867	9920	8p23.3	1588116	neg	1	1	2									0.30554451	1.40252103			0.29416	1.40252			0.55338393	0.65662506	0.76171058	0.53540799			
cell recognition molecule CAS	NM_024879	79937	9q12	46391440	var	1	1	0	0.1802	1.39788704	0.11053	1.7278314	0.158278	1.32323381	0.37862262	1.09124941	0.23746726	1.28389259			0.2255	1.28389	0.303457565	1.33168437	0.418785563	1.28500848	0.46856985	1.6376778	0.60278	0.5042	0.28706764
secreted frizzled-related prote	NM_003012	6422	8p11.21	40568648	neg	1	1	2																							
dUTP pyrophosphatase	NM_001948	1854	15q21.1	44181784	pos	1	1	0	0.57166	0.88936477	0.28639	1.81809524	0.384289	1.46119595			0.29286975	1.39350675			0.28132	1.39351			0.570789321	0.93728794	0.52090052	0.79087579			0.49786928
interleukin 20 receptor, alpha	NM_014432	53832	6q23.3	136944260	neg	0	1	1			0.07175	154.241667	0.702401	0.44788152			0.53081632	0.82075345			0.52517	0.82075			0.647968004	0.1427017	0.85516258	0.09969828			
dickkopf homolog 2 (Xenopus	NM_014421	27123	4q25	108253356	neg	0	1	2	0.13185	1.56534538	0.25214	2.19111922	0.190763	1.27423387	0.99147554	0.2807439	0.33362896	1.18159057			0.3227	1.18159	0.461362896	1.10098752	0.025803771	2.71069468	0.29420884	2.01955782	0.023338	3.32843	0.24679424
collagen, type XIX, alpha 1	NM_001858	1310	6q13	70534763	neg	0	1	2									0.96967484	0.41424678			0.9725	0.41425									
potassium inwardly-rectifying	NM_002244	3774	#N/A	#N/A		1	1	0	0.45889	1.02558588	0.80683	0.74302217	0.558627	0.9743693	0.60454641	0.92381107	0.60494882	0.95588418	0.91423547	0.64738208	0.2771	1.13185	0.652314764	0.95873892	0.30060141	1.0070645	0.31532194	1.16678418	0.668857	0.77645	0.3415863
H4 histone family, member A	NM_003538	8359	6p22.2	26064765	neg	0	1	1	0.53632	0.96200784	0.34477	1.17740022	0.536184	0.93913949	0.40655915	1.05407468	0.32686971	1.16501482			0.31582	1.16501	0.577226354	0.94721305	0.300379922	1.05934098	0.49540635	0.97850425	0.194618	2.36765	0.40604339
serine/threonine kinase 17a (a	NM_004760	9263	7p13	43269127	neg	1	1	2									0.92173196	0.50885406			0.92578	0.50885									
KIAA0410 gene product	NM_014778	9818	13q12.13	23855753	neg	1	1	2	0.18284	1.29247556	0.26165	1.22042471	0.127489	1.21544389	0.2496589	1.20592921	0.40698129	1.06017135	0.34180802	1.12780817	0.53184	0.97253	0.074808886	1.31198788	0.105152095	1.45907289	0.44965588	1.15665584	0.008146	3.10836	0.31531563
tumor differentially expressed	NM_006811	10955	20q13.12	42857028	pos	1	1	1	0.40306	1.10140016	0.46557	1.32346241	0.567922	0.90242871	0.7646175	0.77807372	0.24280176	1.22890863	0.60985654	0.53778546	0.21847	1.24538	0.626567715	0.92232724	0.66671611	0.5339854	0.53956608	0.68703845	0.709382	0.62293	0.72388287
hypothetical protein FLJ14668	NM_032822	84908	2p13.3	70532604	neg	1	1	2	0.33671	1.11290891	0.6359	0.88220514	0.910388	0.81287536	0.7619887	0.86536027	0.38093772	1.06640338	0.49905078	0.92862662	0.37097	1.06641	0.629868837	0.9664424	0.867012303	0.5657779	0.56348452	0.91597796	0.870063	0.57091	0.5261438
BRCA2 and CDKN1A interacting	NM_016567	56647	10q26.2	126487072	pos	1	1	2	0.48174	1.01399189	0.13495	1.5062963	0.650037	0.89954204	0.47980058	0.91468838	0.90901968	0.56301091			0.91315	0.56301	0.246576984	1.27673074	0.817249324	0.65650847	0.53199429	0.76539202	0.415401	1.0107	
calcium channel, voltage-depe	NM_000720	776	3p21.31	52645804	neg	0	1	2									0.99732543	0.2408564			0.99786	0.24086									
growth arrest-specific 11	NM_001481	2622	16q24.3	81409168	neg	1	1	2	0.53358	0.97202269	0.47037	1.01191539	0.429498	1.03785084	0.81847232	0.60973654	0.53275172	0.86622275	0.4659426	0.7862285	0.5025	0.98027	0.614864253	0.94409168	0.687072245	0.47313472	0.59573682	0.79795826	0.737846	0.55161	0.67392345
zinc finger protein, X-linked	NM_003410	7543	Xp22.11	22985300	neg	0	1	0			0.17986	1.68982036	0.479882	1.01159807			0.2430881	1.35730942			0.23114	1.35731	0.343937932	1.50503781	0.528141432	0.60074342	0.64853647	0.75160472	0.509318	0.77206	0.43491861
RuvB-like 1 (E. coli)	NM_003707	8607	#N/A	#N/A		1	1	2	0.70617	0.7882873	0.47353	1.11435185	0.253371	1.50077449	0.43487652	1.00894969	0.37661294	1.13764205			0.36656	1.13764	0.459916784	1.12305748	0.320740414	1.00791986	0.52709005	0.34349174	0.334319	1.24487	0.49956889
LAG1 longevity assurance hom	NM_021267	10715	19p13.11	19473666	neg	1	1	0									0.69475954	0.73921351			0.69459	0.73921									
cytochrome c oxidase subunit	NM_005205	1339	16p11.2	30520588	neg	0	1	2			0.49623	0.96456916			0.40622845	1.09613434	0.98079167	0.46990176			0.98297	0.4699									
CD83 antigen (activated B lym	NM_004233	9308	6p23	14175540	neg	1	1	1																							
RAD51-like 1 (S. cerevisiae)	NM_133510	5890	14q24.1	65791747	neg	0	1	2	0.68887	0.87767652	0.8165	0.73196329	0.112722	1.21170131	0.82093484	0.79819196	0.3893299	1.05816697	0.23298227	1.20305297	0.6277	0.9162	0.999248146	0.59449244	0.912419565	0.48022661	0.89073257	0.51766415	0.810953	0.63094	0.82673261
putative c-Myc-responsive	NM_006443	10591	6p21.1	43195447	neg	1	1	2									0.89872067	0.42455984			0.90286	0.42456									
protein phosphatase 1, regulat	NM_006241	5504	3q29	194496971	neg	1	1	2	0.50943	0.98687954	0.06018	2.0552381	0.117115	1.81738245	0.46430264	0.93691005	0.40610518	1.49146747			0.39676	1.49147	0.296050768	1.32876846	0.370309308	1.08114955	0.51586825	0.9192768	0.234954	2.15686	0.44999593
hypothetical protein FLJ11342	NM_018394	55347	3q13.2	108479376	neg	1	1	2	0.79072	0.77694124	0.67297	0.82956224	0.850923	0.79789714	0.80687336	0.73076267	0.59509564	0.92275823	0.5545491	0.55049459	0.58762	0.92581	0.882682839	0.79627226	0.849882379	0.27654559	0.53530287	0.42284007	0.901701	0.31765	0.83228879
low molecular mass ubiquinon	NM_014402	27089	5q31.1	131724502	neg	0	1	1	0.55152	0.9630028	0.53862	0.95448718	0.684041	0.91351744	0.51233104	0.88939922	0.53916455	0.98454674	0.82719499	0.38412271	0.4652	1.01644	0.364582246	1.07182771	0.274214311	1.33884712	0.24026417	1.60646645	0.742097	0.63659	0.6008109
potassium voltage-gated chan	NM_004978	3749	1p13.3	111170240	neg	1	1	2	0.43876	1.0583815	0.37853	1.13416149	0.328822	1.52719631	0.47011766	0.87586018	0.28927413	1.21395704			0.27768	1.21396	0.1875426	1.54106481	0.448866302	1.09677422	0.47255827	1.45357516	0.415197	1.00654	0.46944721
myosin XVA	NM_016239	51168	17p11.2	18257120	neg	0	1	2	0.48792	1.00664656	0.86926	0.67669286	0.675378	0.92540613	0.45740194	0.98198266	0.81812804	0.81745702	0.86323856	0.64346943	0.65066	0.90391	0.912356429	0.83952897	0.328865815	1.1003019	0.26419509	1.30050505	0.483986	0.93569	0.19178708

FK506 binding protein 10 (65 k	NM 021939	60681	17q21.2	39525025	pos	0	1	2																							
early endosome antigen 1, 162	NM 003566	8411	12q22	92561437	neg	1	1	2	0.15262	1.3705519	0.02168	2.20478642	0.707548	0.86037894	0.3815359	1.072113	0.52614054	0.97757988			0.52034	0.97758	0.401508794	1.05941105	0.206811245	1.53812259	0.24910441	1.53363997	0.452609	0.93482	0.46896443
eukaryotic translation initiatio	NM 004096	1979	10q22.1	70925805	neg	1	1	1									0.48299843	1.01620853			0.47583	1.01621									
zinc finger protein 183 (RING f	NM 006978	7737	Xq24	113822226	neg	1	1	2	0.12168	1.48881475	0.10338	1.68658659	0.002544	1.68746144	0.4722695	0.97269539	0.22114717	1.30689505			0.20917	1.3069	0.734065369	0.86722853	0.815505105	0.28015452	0.94240112	0.2280228	0.500606	0.82353	0.99988633
hypothetical protein FLJ10276	NM 018045	55108	1p35.1	32598509	pos	1	1	0	0.43553	1.04805593	0.11076	1.573367	0.648176	0.90321998	0.50555711	0.95113954	0.33473809	1.14708632	0.55612826	0.70298946	0.31651	1.15536	0.534806042	0.99773582	0.401757721	1.03643863	0.48184567	0.99767516	0.729982	0.61915	0.69741516
hypothetical protein FLJ21044	NM_022370	64221	11q24.2	126747654	neg	1	1	0									0.62183948	0.81064012			0.61925	0.81064									
A kinase (PRKA) anchor protei	NM 005100	9590	6q25.1	151122608	neg	1	1	2	0.18719	1.26819386	0.22309	1.27538162	0.346629	1.0601321	0.30473683	1.10160657	0.45157474	1.30206473	0.51381186	0.88891397	0.42377	1.53117	0.475550218	1.02102839	0.000349798	3.15131722	0.00401335	3.44481683	0.001114	4.97581	0.03522163
glycoprotein M6A	NM 005277	2823	4q34.2	177441353	neg	1	1	0	0.3807	1.08610901	0.55485	0.93545082	0.343498	1.09591346	0.09389973	1.77738503	0.55049759	0.96686931	0.15785997	1.72804768	0.78249	0.7607	0.006651135	1.61713676	0.270847955	1.1825531	0.08271606	1.64756812	0.844678	0.60073	0.23952477
hypothetical protein MGC1294	NM_032317	84277	7q11.23	71737059	neg	1	1	2	0.38278	1.08293172	0.44176	1.36677043	0.965639	0.73864516	0.43487645	1.12524286	0.32151498	1.14995499	0.58457773	0.72414429	0.29312	1.16937	0.347628291	1.07635034	0.694320433	0.68189872	0.50311117	0.97517382	0.578732	0.83446	0.54811449
splicing factor 30, survival of r	NM 005871	10285	10q25.2	110945984	neg	1	1	2									0.94578269	0.40768763			0.94945	0.40769									
hypothetical protein FLJ20456	NM 017831	54941	18q12.1	29621637	pos	1	1	2	0.95747	0.60616283	0.82077	0.69454461	0.173698	1.22994559	0.79064368	0.72605107	0.34426736	1.15044667	0.54027704	0.74764816	0.32834	1.15691	0.611461536	0.93655313	0.650314358	0.68512428	0.50999268	0.66829004	0.685605	0.6743	0.75995644
hypothetical protein MGC2049	NM 052845	89909	12q24.11	109051577	neg	1	1	2									0.8108106	0.61305313			0.81385	0.61305									
chromosome 20 open reading	NM 017798	54915	20q13.33	61704258	neg	0	1	2	0.9698	0.58311847	0.99049	0.39118852	0.002167	1.61872568	0.02160765	1.662485	0.19731786	1.12752967	0.31823696	1.08150979	0.19162	1.22018	0.071426592	1.3065532	0.007344746	1.98772576	0.02890333	2.22900433	0.016877	2.33905	5.009E-05
neuroblastoma RAS viral (v-ras	NM 002524	4893	1p13.2	115662918	pos	1	1	2	0.41404	1.07734858	0.09134	1.67627451	0.793608	0.81992255	0.37195158	1.07713733	0.74240934	0.77248035	0.52119945	0.63618873	0.74313	0.7728	0.349693995	1.12096186	0.318991481	1.3812262	0.36664768	1.44417598	0.444297	0.94307	0.55536866
butyrate-induced transcript 1	NM 016395	51495	15q22.31	61614640	neg	1	1	2	0.21912	1.28121352	0.03887	1.93996746	0.611298	0.92067964	0.22617541	1.28050862	0.56690968	0.94036618			0.56246	0.94037	0.760122401	0.87665155	0.483917667	1.00102734	0.32231748	1.4113538	0.427635	0.98262	0.21887519
vaccinia related kinase 1	NM 003384	7443	14q32.2	94774914	pos	1	1	1	0.85572	0.74065634	0.48797	0.99641484	0.024446	1.47101701	0.83507304	0.65455178	0.68418907	0.88059605	0.28662266	1.3587332	0.80607	0.76851	0.948349769	0.68401771	0.951053534	0.39861339	0.93435709	0.47103091	0.620168	0.76993	0.87436828
ubiquitin-conjugating enzyme	NM 003340	7323	4q24	104116553	pos	1	1	0	0.1386	1.43157137	0.02628	1.96868375	0.597047	0.95322901	0.48404302	0.89988834	0.39714334	1.00250746	0.39629655	1.00230883	0.20099	1.31014	0.339674674	1.07795736	0.561914824	0.95759233	0.47958672	1.0034632	0.595234	0.78051	0.29903133
6-pyruvoyltetrahydropterin syr	NM 000317	5805	11q23.1	114450008	neg	1	1	2	0.77299	0.80042918	0.61622	0.89075173	0.680456	0.89757796	0.44169538	1.03760182	0.54789934	0.83126309	0.46062184	0.83684249	0.51758	0.77691	0.311180389	1.10371054	0.832970704	0.48105233	0.6498203	0.74100074	0.795535	0.59548	0.55363156
carboxylesterase 2 (intestine, l	NM 003869	8824	16q22.1	57663770	neg	1	1	0	0.69945	0.82164352	0.04637	2.04406283	0.404696	1.07418922	0.27135744	1.37245802	0.46744008	1.03128269			0.4598	1.03128	0.349275903	1.16105188	0.424457661	1.03609496	0.21799408	1.4819376	0.35986	1.12693	0.40159816
homolog of Xenopus Claspin	NM_022111	63967	1p34.3	36023535	neg	1	1	2	0.46649	1.02648444	0.17931	1.37965426	0.539325	0.97038931	0.26340236	1.32041036	0.46068351	1.02491041			0.45285	1.02491	0.482403769	1.03776267	0.656973061	0.60423795	0.5639301	0.89272516	0.753239	0.63005	0.5450063
hypothetical protein FLJ22626	NM 024528	79576	Xq24	113876811	neg	0	1	2	0.66451	0.8573185	0.53911	0.93986368	0.269815	1.42699193	0.52784505	0.87105584	0.52302848	0.93696231			0.51713	0.93696	0.612656108	0.93732726	0.714527986	0.63688186	0.70147094	0.74437229	0.761303	0.58263	0.69378175
pyruvate kinase, muscle	NM 002654	5315	15q23	68293461	pos	1	1	2									0.69145047	0.75535221			0.69117	0.75535									
coagulation factor II (thrombin	NM 003950	9002	19p13.12	17493700	pos	0	1	2	0.62243	0.91640783	0.57135	0.92733535	0.348921	1.12914608	0.56659127	0.88847956	0.30896086	1.13956259	0.46949633	0.91350576	0.28794	1.15102	0.47592028	1.02394452	0.315007732	1.04082319	0.29239302	1.24622852	0.23543	1.27789	0.45861403
ring finger protein 7	NM 014245	9616	3q23	138367070	neg	1	1	2	0.42174	1.08306814	0.06817	1.80071839	0.456116	1.05316853			0.5697612	0.9207741			0.56541	0.92077			0.624355347	0.907916	0.57667706	0.70598846	0.328283	1.3268	0.351592
aldehyde dehydrogenase 5 fan	NM 001080	7915	6p22.3	24552762	pos	1	1	1	0.57988	0.90263677	0.3289	1.54839015	0.38999	1.3006414			0.36804259	1.14145438			0.3578	1.14145	0.429297185	1.162448	0.013777622	3.63952087	0.03987598	4.76572447	0.068559	3.53813	
hypothetical protein FLJ10826	NM 018233	55239	16q12.2	46869486	pos	1	1	2	0.21017	1.25582006	0.09018	1.64669339	0.417516	1.04187685	0.1808878	1.31182813	0.05984041	1.64845272	0.50467387	0.80420105	0.05235	1.64878	0.641154351	0.88619913	0.562153644	0.61277435			0.656239	0.6619	0.5067444
regulator of G-protein signallir	NM 004296	9628	14q24.2	69904844	pos	1	1	2	0.16603	1.45535132	0.19399	1.44757482	0.443484	1.08597799	0.03696858	2.03996025	0.33102863	1.18009656			0.32005	1.1801	0.025419715	1.72328153	0.001713556	3.05671641	0.00922412	3.72871573	0.007697	4.03664	0.02789835
hypothetical protein MGC1313	NM 033410	92595	16p11.2	29847996	neg	1	1	2	0.73077	0.84337897	0.70578	0.82208015	0.036499	1.36990964	0.44231276	1.02796776	0.28672643	1.12301842	0.31461028	1.19108237	0.34418	1.09667	0.293935395	1.10416635	0.72478373	0.56414578	0.50322346	0.84039149	0.735242	0.67881	0.44911463
ATPase, Na+/K+ transporting,	NM 001677	481	1q24.2	166710876	neg	1	1	2									0.86279786	0.63637653			0.86671	0.63638			0.54101077	0.76554543	0.65984154	0.75490719			
protein kinase, AMP-activated,	NM 005399	5565	1q21.1	144845834	neg	1	1	2	0.43414	1.05968331	0.05799	1.94664948	0.469517	1.01653905	0.38735183	1.05687122	0.26010503	1.33678983			0.24824	1.33679	0.432952082	1.06238109	0.27078348	1.17860861	0.66590773	0.70789866	0.274107	1.43714	0.50343739
secreted frizzled-related protei	NM 003014	6424	7p14.1	37591948	pos	1	1	2	0.04783	2.01878052	0.10426	1.88383585	0.222978	1.22025235	0.30262273	1.44619373	0.20935082	1.48198401			0.1974	1.48198			0.088206434	1.55826082	0.18431474	1.59440559	0.145679	1.9638	0.29698243
ubiquinol-cytochrome c reduct	NM 003366	7385	16p12.2	21372885	neg	0	1	1	0.16368	1.56012261	0.23203	1.50428051	0.746244	0.72338132	1	0.07712697									0.576714345	0.98634779	0.52864509	0.82251082			0.51243039
serine (or cysteine) proteinase	NM 004568	5269	6p25.2	2933393	pos	1	1	2	0.78586	0.77765702	0.41609	1.06076587	0.07589	1.36325837	0.69265656	0.79593914	0.26154343	1.35003249	0.21927549	1.58696678	0.4415	1.10305	0.456075334	1.04159444	0.550917796	0.77337107	0.40432154	1.11140925	0.533644	0.8733	0.41410369
SWI/SNF related, matrix assoc	NM 003077	6603	17q23.3	61559952	neg	1	1	2									0.53827495	0.94379951			0.53288	0.9438									
complement component 1, q s	NM 001212	708	17p13.2	5721035	pos	1	1	1	0.60795	0.9084291	0.39294	1.08888425	0.41866	1.08600748	0.45718631	0.76520708	0.43067832	1.06129701			0.42199	1.0613	0.568043866	0.96592836	0.351545133	1.28825525	0.43433178	1.25090188	0.441072	0.94332	0.44144036
polymerase (DNA directed), mu	NM 013284	27434	7p13	43758247	neg	1	1	1																							
RecQ protein-like (DNA helicas	NM 002907	5965	12p12.1	21908649	pos	1	1	2	0.21572	1.2414437	0.1529	1.42559613	0.820368	0.85770739	0.44887499	0.99576156	0.27672718	1.17868325	0.63620145	0.64899764	0.2365	1.21189	0.558450965	0.98907117	0.438724997	1.04773542	0.44258835	1.13780664	0.694617	0.69196	0.50738361
hypothetical protein FLJ12783	NM_031426	83543	9q34.12	124986627	pos	1	1	2	0.91399	0.68082963	0.90519	0.6225			0.32942448	1.07134668	0.48615679	1.00548537			0.47909	1.00549	0.679945613	0.93563169	0.563488757	0.66953682	0.53020765	0.66017316	0.62669	0.75033	0.73472434
creatine kinase, mitochondrial	NM 020990	1159	15q15.3	39253458	neg	1	1	0	0.0416	1.6489089	0.27924	1.19654792	0.403553	1.03368257	0.33492429	1.05667677	0.30566108	1.11112297	0.89070663	0.6221795	0.08905	1.35519	0.547531035	0.98731733	0.012354136	2.20238455	0.06935997	3.94682432	0.036666	1.96547	0.03432609
cyclin D-type binding-protein 1	NM 012142	23582	15q15.2	38845196	pos	1	1	1	0.01679	1.81953505	0.02861	1.92436094	0.263002	1.11574635	0.53903671	0.92772672	0.64024921	0.90999868	0.83615352	0.66792568	0.35742	1.13611	0.806555796	0.89822495	0.381091457	1.08037638	0.15659014	1.60080063	0.801822	0.59294	0.25375362
hypothetical protein FLJ20452	NM 017828	54939	15q24.2	71508220	pos	0	1	0	0.59804	0.93395591	0.7275	0.79472672	0.693109	0.83997398	0.6812627	0.65596138	0.32414726	1.11814951	0.67849389	0.73843546	0.24398	1.18499	0.7208614	0.92093703	0.583418473	0.97195444	0.30169826	1.24526988	0.673512	0.73294	0.44034624
hypothetical protein MGC2605	NM 032304	84264	16p13.3	796409	neg	1	1	2									0.74822876	0.7036242			0.74968	0.70362									
hypothetical protein MGC1442	NM 032907	84993	15q24.1	70756132	neg	1	1	2	0.35048	1.11947746	0.2598	1.22430049	0.868994	0.80455537	0.46938083	0.88624236	0.28035604	1.16735769	0.61363937	0.69358734	0.24583	1.19243	0.34919583	1.07859761	0.395059186	1.04292886	0.46955765	1.12444518	0.619818	0.76393	0.6595573
hypothetical protein	NM_016387	9306	#N/A	#N/A		0	1	0	0.88394	0.70948193	0.96608	0.50330211	0.146516	1.51836286	0.62997573	0.8713087	0.37586287	1.02943722	0.36488535	1.02976516	0.50476	0.98864	0.87757258	0.66272882	0.75052987	0.54519659	0.53253697	0.46578652	0.581821	0.83378	0.86595341
chromosome 20 open reading	NM 080676	140733	20p12.1	13964466	pos	1	1	2	0.12136	1.38093654	0.05719	1.74087179	0.828377	0.81944938	0.28217672	1.18464211	0.82870973	0.65604118	0.77623832	0.48302136	0.75548	0.7113	0.605723339	0.969262	0.568741602	0.65641804	0.60991122	0.55566063	0.581979	0.81417	0.47705772
karyopherin alpha 1 (importin	NM 002264	3836	3q21.1	118866164	neg	1	1	2																							
solute carrier family 2 (facilitat	NM 006516	6513	1p34.2	43382409	pos	1	1	1	0.39494	1.08325043	0.1885	1.3723545	0.616139	0.90867053	0.27291016	1.27334509	0.59194122	0.92799715			0.58834	0.928	0.600731656	0.96692298	0.38137023	1.04202843	0.47772955	1.00873969	0.578047	0.7782	0.53470016
mutS homolog 5 (E. coli)	NM 002441	4439	6p21.33	31779467	neg	1	1	2									0.96238273	0.38797155			0.96553	0.38797									
beclin 1 (coiled-coil, myosin-lil	NM 003766	8678	17q21.31	40655208	neg	1	1	2	0.71528	0.86247844	0.78751	0.75823817	0.345232	1.08666881	0.56405144	0.84300341	0.48982137	1.01088892	0.09210163	2.25647088	0.70959	0.85836	0.52025605	1.0038361	0.846858436	0.586197	0.73726333	0.75219254	0.740729	0.68769	0.68278332
calcium channel, voltage-depe	NM 000721	777	1q25.3	178976735	neg	0	1	2	0.12984	1.37403481	0.13029	1.49248142	0.094814	1.29943611	0.08584963	1.4228319	0.07327437	1.48698499	0.08554179	2.32937833	0.15118	1.34763	0.754581047	0.89614819	0.000569228	3.19588442	0.00357457	4.64783893	0.00344	3.74866	0.00904742
GCIP-interacting protein p29	NM 015484	25949	1p35.3	25072337	pos	0	1	1	0.47	1.0233412	0.64815	0.84143701	0.671344	0.83637161	0.63523433	0.69372942	0.40652964	1.13142094	0.51227375	0.71182417	0.3966	1.13239	0.853730338	0.75187714	0.996295781	0.15373275	0.99917105	0.15323345	0.665407	0.59635	0.64678723
CHK2 checkpoint homolog (S.	NM 007194	11200	22q12.1	25779875	pos	1	1	0	0.29288	1.16288969	0.27553	1.2123215	0.64035	0.93337477	0.61113729	0.83742502	0.51146056	0.99878681	0.40404948	0.97611621	0.26831	1.18051	0.355670029	1.07966923	0.614923804	0.60290579	0.54451034	0.82611833	0.690134	0.66912	0.40619311
A kinase (PRKA) anchor protei	NM 007203	11217	9q31.3	103340788	pos	1	1	2									0.46960587	1.03949001			0.46203	1.03949									
hypothetical protein MGC3222	NM 024334	79188	3p25.1	14095836	neg	1	1	2	0.08273	1.49007952	0.3813	1.6551462	0.922663	0.79984418	0.4705733	0.9809851	0.52239732	0.99245042	0.70961399	0.53452439	0.48061	1.00908	0.342466872	1.07580038	0.569551211	0.88264694	0.52144345	0.89003037	0.643498	0.74279	0.4692827
vesicle docking protein p115	NM_003715	8615	4q21.1	76545855	neg	1	1	0	0.09111	1.4756841	0.07192	1.64605315	0.657566	0.90568889	0.40208913	1.04030497	0.30541097	1.14851166	0.47113497	0.84618118	0.2901	1.15288	0.739382444	0.91181362	0.638412029	0.811986	0.47770362	1.00529101	0.735007	0.65196	0.56790658
hypothetical protein MGC3113	NM 024035	78998	8q24.3	142640459	neg	1	1	1			0.33366	1.35468442					0.78621816	0.7462481			0.78869	0.74625			0.562291743	0.97435378	0.45417726	1.03707886			
betacellulin	NM 001729	685	4q13.3	75558747	pos	0	1	2	0.47016	1.02209309	0.51465	0.96754135	0.718775	0.90158213	0.43276543	1.00781921	0.58977947	0.90006151	0.46737633	0.89541547	0.57988	0.90075	0.263361499	1.1511379	0.522002536	0.9783514	0.480039	1.15567976	0.881121	0.50215	0.6648789
inositol 1,4,5-triphosphate rec	NM 002224	3710	6p21.31	33591454	neg	1	1	2									0.63662058	0.83772674			0.63453	0.83773									
CGI-04 protein	NM_015936	51067	12p11.21	33387520	neg	0	1	2	0.59135	0.88885827	0.33847	1.3330303	0.415787	1.09076817	0.5342814	0.70911462	0.35465562	1.1976716			0.34413	1.19767			0.366343376	1.0947233	0.51064441	0.92532468			
pleiomorphic adenoma gene-li	NM 002657	5326	20q11.21	30568363	neg	1	1	2																	0.782912952	0.37543478	0.9241895	0.32206749			
osteoclast-associated recepto	NM 130771	126014	19q13.42	55243610	neg	1	1	2	0.50181	0.99749104	0.34048	1.12969337	0.659708	0.92897874	0.32566298	1.08507889	0.66309469	0.89526775	0.66883725	0.65851341	0.62125	0.9184	0.643653002	0.95723237	0.862824315	0.56580382	0.72313664	0.76897462	0.73516	0.66575	0.5053313
PHD finger protein 3	NM 015153	23469	6q12	64338135	pos	1	1	0	0.18575	1.4561436	0.07295	1.86449275	0.325774	1.13396065	0.66361461	0.78892107	0.23976965	1.26245476	0.52927933	0.49357123	0.22697	1.26371	0.811344694	0.6869337	0.336283751	1.2767597	0.44734699	1.11225895	0.53269	0.80268	0.68140048
BRCA1 associated RING doma	NM 000465	580	2q35	213755720	neg	1	1	1									0.55558274	0.9150154			0.55076	0.91502									
follistatin	NM 013409	10468	5q11.2	52940505	neg	1	1	2																							
CDC91 cell division cycle 91-li	NM 080476	128869	20q11.22	32907078	pos	1	1	2	0.59474	0.93871916	0.64488	0.87530718	0.353782	1.05591109	0.45591405	0.98217217	0.37183437	1.04523338	0.3616718	1.04523338			0.341111921	1.06917439	0.767096894	0.67334516	0.51736113	0.96645022	0.739643	0.70301	0.74863895
amyloid beta (A4) precursor pr	NM 000484	351	21q21.3	23831721	pos	1	1	2																							
hypothetical protein FLJ23058	NM 024696	79749	17q25.3	78792039	neg	1	1	0	0.60734	0.92905539	0.70976	0.77711647	0.700764	0.91777239	0.19348413	1.14005263	0.44834725	1.02588509	0.2954217	1.13297355	0.6387	0.91553	0.062202572	1.25156607	0.320322245	1.0056645	0.5060944	0.97809825	0.520821	0.9033	0.06264301
ribonuclease, RNase A family,	NM 002937	6038	14q11.2	18523832	neg	0	1	2	0.17535	1.3122465	0.30769	1.17055188	0.656942	0.92710956	0.67794269	0.86634997	0.49838078	1.04846542	0.51688171	0.77270269	0.48426	1.10152	0.673021589	0.93907994	0.54319271	0.75841982	0.48048368	1.00410412	0.507198	0.90074	0.67842115
17kD fetal brain protein	NM_022343	152007	9p13.3	36448952	neg	1	1	2																							
dihydropyrimidinase	NM 001385	1807	8q22.3	104397065	neg	1	1	2	0.02845	1.99225604	0.03695	1.87984811	0.111281	1.2478329	0.35931397	1.07927435	0.02527525	1.63063004	0.16699927	1.67918237	0.03666	1.61865	0.017567537	1.41242938	0.013076013	2.54141186	0.14220714	2.40143785	0.012568	3.33863	0.31990248
melanoma antigen recognized	NM 018194	55733	1q32.2	209141894	pos	1	1	2																							
sema domain, immunoglobulir	NM 004263	10505	1p21.3	99862999	pos	1	1	1			0.27914	1.65308333			0.19527014	1.53011334	0.98439632	0.41719636			0.98631	0.4172			0.37065885	1.05683393	0.12238559	1.54481728	0.794187	0.59455	
ATP synthase, H+ transporting	NM 001688	515	1p13.2	112408239	pos	1	1	2	0.45807	1.05076785	0.05212	2.03699634	0.463086	1.02365581	0.40522385	1.07998915	0.93780665	0.58762434			0.94164	0.58762	0.533510932	0.99669099	0.560158798	0.76505025	0.66669352	0.67445887	0.424379	0.98123	
flotillin 2	NM 004475	2319	17q11.2	27051659	neg	1	1	2			0.48361	1.00052411					0.81688568	0.66949685			0.82005	0.6695			0.622746487	0.94627537	0.58343178	0.83057465	0.500773	0.70242	
membrane interacting protein	NM 016641	51573	16p12.3	19004490	pos	0	1	2	0.58077	0.92949686	0.36102	1.15556901	0.456174	1.02688419	0.23107626	1.58663204	0.24663095	1.2445296	0.32259662	1.43682507	0.27692	1.21396	0.524860454	1.00533614	0.374246227	1.26748576	0.46458208	1.10613524	0.469944	0.89312	0.42022676
hormonally upregulated Neu-a	NM 014586	30811	21q22.11	29823022	neg	1	1	2																							
Ris	NM 016563	51285	15q22.31	61123572	neg	1	1	2									0.54216708	0.93414874			0.5369	0.93415									
COP9 constitutive photomorpl	NM 022730	64708	2q37.1	230710100	neg	1	1	0	0.30128	1.20850666	0.12017	1.59838936	0.461768	1.0259395	0.37078469	1.18507633							0.347904573	1.55073763	0.353687157	1.17566195	0.47431137	1.01957071	0.460039	0.90271	0.38352156
kinesin heavy chain member 2	NM 004520	3796	5q12.1	61795817	pos	1	1	0																							
calcium channel, voltage-depe	NM 031897	59285	19q13.42	55141219	neg	1	1	1																							
HSPC042 protein	NM 016094	51122	3q25.1	146388568	neg	1	1	2			0.11912	2.00951677	0.496094	0.98513491			0.5166698	0.88842775			0.48943	0.88843	0.403334213	1.42525504	0.389429696	1.11663751	0.48524817	0.9127864	0.481413	0.82353	0.46577508
myeloid/lymphoid or mixed-lin	NM 005936	4301	6q27	167429355	neg	1	1	2			0.28761	2.25944444					0.98194167	0.39686789			0.98404	0.39687			0.362860739	1.20226056	0.42256031	1.3874221			
GCN5 general control of aminc	NM 021078	2648	17q21.2	39819036	pos	1	1	2									0.77832693	0.62799571			0.7806	0.628									
isocitrate dehydrogenase 3 (N	NM 006899	3420	20p13	2627097	neg	1	1	2	0.91451	0.50118681	0.73797	0.6225	0.239322	1.46835691			0.65282583	0.87280344			0.65128	0.8728			0.392226318	1.00047307	0.44906868	1.071581	0.58614	0.64802	
sirtuin silent mating type infor	NM 030593	22933	19q13.2	39981569	pos	1	1	2																							
apoptosis antagonizing transc	NM_012138	26574	17q12	34690453	pos	1	1	2	0.22644	1.24130547	0.0632	1.71351166	0.744957	0.8858705	0.61245654	0.87451583	0.53270357	0.97327128	0.51269871	0.76781011	0.52654	0.9738	0.081410802	1.29451015	0.326099693	1.19451084	0.30687921	1.32076257	0.785809	0.56039	0.51759668
6-phosphogluconolactonase	NM 012088	25796	19p13.12	18116340	pos	1	1	2																							
hypothetical protein FLJ22559	NM 024928	79991	10q24.33	104535499	neg	1	1	2																							
poly(A) binding protein, cytopl	NM 002568	26986	8q22.3	100720786	neg	1	1	2									0.86496357	0.4863505			0.8689	0.48635									
neurogenic differentiation 1	NM 002500	4760	2q31.3	180748734	neg	1	1	2									0.60628843	0.78455236			0.60317	0.78455									
Finkel-Biskis-Reilly murine sar	NM 001997	2197	11q13.1	67403836	neg	1	1	2	0.27864	1.26771702	0.14013	1.50376471	0.294551	1.16829281	0.84718253	0.53928988	0.35870019	1.1372233			0.34825	1.13722	0.416366545	1.19932383	0.565585029	0.77405258	0.6368971	0.76082251	0.400174	1.04813	0.49223956
protocadherin alpha 5	NM 018908	56143	5q31.3	140017799	neg	0	1	2	0.90451	0.66768109	0.9075	0.57115666	0.160769	1.29299968	0.00322203	2.0943374	0.72043577	0.873296	0.26342726	1.59072833	0.79606	0.81741	0.030561364	1.9176304	0.31650995	1.10587795	0.10809622	1.56244674	0.429082	0.98405	0.03848966
myotubularin related protein 4	NM 004687	9110	17q23.2	56313249	pos	1	1	0	0.50828	0.9888148	0.18518	1.58478964	0.39707	1.09405862			0.80982046	0.66299656			0.81284	0.663	0.366663687	1.31938088	0.873100484	0.3817966	0.94714083	0.37532047	0.506594	0.82353	
propionyl Coenzyme A carboxy	NM 000282	5095	13q32.3	99101372	neg	1	1	1	0.76459	0.80887018	0.67209	0.84855691	0.302094	1.11088905	0.76630025	0.74242783	0.46221911	1.01680705	0.3785184	1.05206007	0.63586	0.89605	0.309037079	1.12116473	0.848440037	0.551812	0.72938321	0.73481665	0.66635	0.72745	0.59309393
mitochondrial ribosomal prote	NM 016065	51021	10q22.2	73789117	pos	1	1	2	0.41853	1.0804989	0.26296	1.29794239	0.649171	0.85466246	0.52030459	0.73478523	0.29471393	1.40832983			0.28319	1.40833	0.613150921	0.88385162	0.725023922	0.58185966	0.83186678	0.43607255	0.43049	0.96801	0.52258442
Down syndrome critical region	NM 016430	51227	21q22.13	35015078	neg	1	1	2									0.33505977	1.26222499			0.32415	1.26222									
solute carrier family 24 (sodiur	NM 020689	57419	20p11.23	19181600	neg	1	1	0	0.81374	0.7703449	0.91961	0.5679239	0.18396	1.55437552	0.49354422	0.94341649	0.96042888	0.60687551	0.1436675	2.59388517	0.98732	0.51966	0.043135878	1.48004906	0.320526541	1.15843536	0.12439147	1.73160173	0.818881	0.57014	
hypothetical protein FLJ20371	NM_017791	55640	14q24.3	73550729	neg	1	1	2																							
non-metastatic cells 4, protein	NM 005009	4833	16p13.3	466350	neg	1	1	2																	0.322166581	1.20235857			0.414675	1.48637	
achaete-scute complex-like 1 (	NM 004316	429	12q23.2	102450105	neg	0	1	2																							
DKFZP566B183 protein	NM 015509	25977	12p13.31	7930929	neg	1	1	2			0.32827	1.2987963	0.219158	1.7987435	0.5368433	0.66508214									0.316632246	1.84294291	0.41154291	1.46876933	0.476795	0.84225	
hypothetical protein	NM 015679	26995	9q34.11	122186096	neg	1	1	2																	0.345713349	1.13542042	0.52374912	0.91741592			
ubiquinol-cytochrome c reduct	NM 003365	7384	3p21.31	48426307	neg	1	1	2	0.83604	0.76779196	0.77452	0.76353408	0.147472	1.44029722	0.99999992	0.24278268	0.67038793	0.8802907	0.19310806	2.57900209	0.75612	0.81109	0.701916632	0.91216012	0.784394659	0.55742324	0.81059268	0.62159215	0.592468	0.75553	0.29899062
hypothetical protein MGC4126	NM 032773	84859	3q29	193139481	neg	1	1	2	0.71356	0.86207656	0.72801	0.80732999	0.331597	1.12208862	0.93464202	0.73914864	0.6013568	0.95586902	0.20210004	1.19404785	0.96799	0.52289	0.551555104	0.9929934	0.939072607	0.48873915	0.7819044	0.71734245	0.866667	0.57001	0.8986695
zinc finger protein 161	NM 007146	7716	17q23.2	55796051	pos	1	1	0																							
spondyloepiphyseal dysplasia	NM 015890	10597	19q13.43	58773335	pos	0	1	0	0.04242	2.24227815	0.39987	1.12395833	0.255146	1.6590193	0.01733394	2.78653679	0.49000813	1.00540186			0.48306	1.0054			0.203069849	1.42306315	0.18131443	1.60894661	0.541728	0.68335	
hypothetical protein FLJ20132	NM_017682	54831	19p13.2	12994847	pos	1	1	0	0.54271	0.96922978	0.1122	1.50576012	0.447652	1.0209488	0.20734218	1.42907676	0.51023923	0.99271453			0.49607	0.99271	0.388535614	1.08317465	0.069367864	1.47233089	0.12836511	1.71883672	0.069174	1.9451	0.47874503
retinoblastoma-like 2 (p130)	NM 005611	5934	16q12.2	43882811	pos	1	1	1	0.17548	1.29389654	0.02043	2.05447238	0.337532	1.09605778	0.61523478	0.84233722	0.27622266	1.2229288			0.26449	1.22293	0.207047011	1.14566287	0.578604835	0.99090825	0.46757783	1.13466854	0.572522	0.80328	0.41363576
solute carrier family 6 (neurotr	NM 001043	6530	16q12.2	46133308	pos	1	1	2	0.05847	1.57862536			0.213043	1.1800587	0.29762212	1.20677516	2.1443E-07	3.04440919	0.00100542	2.50435925	7.5E-06	3.73774	0.083061447	1.23758877	6.33745E-05	4.69331348	0.00133822	5.71941804	0.000474	7.33516	0.00105644
homeo box A13	NM 000522	3209	7p15.2	26880296	pos	1	1	2																							
phospholipase C, delta 1	NM 006225	5333	3p22.3	37350010	pos	1	1	0																							
hypothetical protein 24432	NM_022914	65057	16q22.1	58386411	neg	1	1	2			0.19203	1.67855691			0.34409401	1.2467596	0.72398536	0.7504147			0.72472	0.75041			0.174279128	1.53933126	0.17972937	1.65223665			
lifeguard	NM_012306	23017	12q13.12	50520613	pos	1	1	2									0.99766065	0.25496957			0.99814	0.25497									
hypothetical protein BC014241	NM 138445	115330	7p22.3	741516	neg	0	1	0																							
prefoldin 4	NM 002623	5203	20q13.2	52553068	pos	1	1	2	0.55285	0.95311592	0.06137	1.75700656	0.753299	0.84663915	0.43497277	1.00576639	0.60042554	0.9225978			0.59711	0.9226	0.279572689	1.15414453	0.355386244	1.28875742	0.43278334	1.25021645	0.467001	0.89728	0.26111686
BH-protocadherin (brain-heart)	NM 032456	5099	4p15.1	30846932	pos	1	1	2																	0.326626575	1.40107936	0.44273096	1.16032777			
melanoma differentiation asso	NM 022168	64135	2q24.2	161177311	neg	1	1	2																							
mannosidase, alpha, class 1B,	NM 007230	11253	#N/A	#N/A		1	1	2	0.19106	1.27386795	0.06457	1.67591096	0.329438	1.08141878	0.21268362	1.2291665	0.34118211	1.1172524			0.33039	1.11725	0.285511586	1.10582128	0.53220255	0.83759014	0.51430603	0.89683409	0.549785	0.82986	0.33275042
hBOIT for potent brain type org	NM_016609	51310	#N/A	#N/A		1	1	0	0.38083	1.09587509	0.5627	0.93209036	0.702077	0.85851953	0.16577795	1.28606934	0.34920039	1.12172881	0.47644639	0.86293686	0.33522	1.12538	0.465194582	1.04333737	0.307237979	1.02021295	0.46111561	1.21091871	0.38516	1.0461	0.29254432
metallothionein 2A	NM 005953	4502	16q12.2	47026424	pos	1	1	1	0.44091	1.04609589	0.20863	1.35845324	0.580324	0.94254444	0.42921043	1.01416809	0.00922991	1.95873918	0.21477551	2.00176427	0.01026	1.95413	0.17093346	1.24422264	0.12257776	1.64194825	0.48028005	1.00131752	0.05571	2.39089	0.03897031
ring finger protein 26	NM 032015	79102	11q23.3	121204961	neg	1	1	1	0.23475	1.2658184	0.24714	1.43192149	0.30488	1.33861784	0.57597569	0.88030535	0.40483653	1.08844559	0.53742301	0.71250543	0.39184	1.0921	0.544594022	0.99118213	0.199590698	1.61939888	0.19923548	1.82323232	0.431424	0.9637	0.24964864
chaperonin containing TCP1, s	NM 006585	10694	21q21.3	27007508	pos	1	1	1									0.54897379	0.93964573			0.54393	0.93965			0.545304069	0.44398496	0.53599206	0.36750484			
golgi associated, gamma adap	NM 013365	26088	22q13.1	34619383	neg	1	1	2							0.75387337	0.58796684	0.79889636	0.67829527			0.80167	0.6783			0.339204112	1.34902747	0.45870031	1.1003861			
matrilin 4	NM 030590	8785	20q13.12	43650571	pos	0	1	2	0.91829	0.66540799	0.79573	0.74531	0.117927	1.28838237	0.52145001	0.91179506	0.48998224	1.0083257	0.16931156	1.40054965	0.72073	0.87205	0.671177755	0.93788207	0.770570864	0.62641682	0.67897556	0.77912945	0.574416	0.85281	0.80839636
macrophage stimulating 1 rece	NM 002447	4486	3p21.31	50091609	neg	0	1	2	0.54627	0.96820717	0.29723	1.17309769	0.825224	0.8548119	0.5818938	0.91257403	0.93731727	0.72888016	0.98367875	0.44853471	0.68835	0.88884	0.801831608	0.89917254	0.561702114	0.98092643	0.21982446	1.30891257	0.562165	0.86483	0.05760936
clones 23667 and 23775 zinc fi	NM_021188	57862	14q24.3	71858609	neg	1	1	1	0.42846	1.05479684	0.21366	1.31178161	0.912785	0.78487085	0.4447568	0.99877569	0.42482104	1.21478186	0.47952718	0.7536977	0.41142	1.23142	0.260119999	1.1276283	0.256693075	1.33732634	0.23052355	1.51600034	0.730845	0.61632	0.51906893
prostaglandin-endoperoxide s	NM 000963	5743	1q31.1	184166496	pos	1	1	2	0.37915	1.17337171	0.14444	1.82248677			0.44764646	0.54574376	0.39163373	1.32544861			0.38193	1.32545	0.423565828	1.2184702	0.759940948	0.48940285	0.80769801	0.54941153			
CMP-N-acetylneuraminic acid	NM 018686	55907	12p12.1	22551239	pos	1	1	2	0.88218	0.60183712	0.44674	1.06170833					0.96928912	0.45784099			0.97213	0.45784	0.575666093	0.96990818	0.574470458	0.9864645	0.38232522	1.12575976	0.393777	1.06684	0.20146942

RAD50 homolog (S. cerevisiae	NM 133482	10111	5q23.3	131414771	pos	1	1	2	0.17312	1.29922162	0.31055	1.16400945	0.814614	0.86105145	0.43442648	1.01008696	0.39440789	1.07626943	0.67249943	0.6407232	0.33761	1.11474	0.439322506	1.04063229	0.777613224	0.73474745	0.43045157	1.05876393	0.889938	0.50175	0.63793667
maternal G10 transcript	NM 003910	8896	#N/A	#N/A		1	1	2	0.21626	1.29147523	0.03856	1.91031746	0.621445	0.92772865	0.38053555	1.06312242	0.58099484	0.92518746			0.57702	0.92519	0.116952753	1.25338393	0.641389077	0.96706246	0.48496488	0.9953573	0.33063	1.17291	0.32917429
phosphatidylinositol glycan, c	NM 012327	23556	18q21.33	59550081	neg	1	1	1	0.00855	1.96860324	0.04187	1.80897436	0.67267	0.91686224	0.50785056	0.9520014	0.68969037	0.8691081	0.49502061	0.86754608	0.6893	0.86911	0.493635456	1.01300525	0.404284886	1.05730525	0.18461715	1.54439532	0.860415	0.53722	0.56474122
RAB30, member RAS oncogen	NM 014488	27314	11q14.1	85019232	pos	1	1	2	0.33091	1.14089322	0.29911	1.23714938	0.513827	0.98650322	0.4403044	1.03609049	0.42189251	1.06994702	0.50845691	0.68351188	0.41281	1.07009	0.421393737	1.116196	0.557616786	0.61083289	0.64452844	0.53189033	0.604472	0.71429	0.32102288
epidermal growth factor recept	NM 017729	54869	19q13.42	56454184	neg	1	1	2	0.62243	0.91265878	0.16621	1.37394746	0.696313	0.89536444			0.7851977	0.62318086	0.54082645	0.81645639	0.78944	0.60681	0.600751432	0.97480033	0.069399151	1.33526785	0.02746472	2.12964657	0.114269	1.51541	0.00216866
geranylgeranyl diphosphate sy	NM 004837	9453	1q42.3	233624413	neg	1	1	1																							
G protein-coupled receptor 12	NM 005288	2835	13q12.13	25312944	neg	1	1	2	0.64403	0.88259103	0.47812	1.00704927	0.048986	1.61010919	0.06897688	1.76366181	0.56935016	0.93732319	0.16115993	2.53028086	0.73917	0.75611	0.325619957	1.18752854	0.158997728	1.18584418	0.0407794	2.20238095	0.395964	1.21107	0.47902848
crystallin, mu	NM 001888	1428	16p12.2	20678133	neg	1	1	2	0.48973	1.23620262	0.17352	2.47403846					0.83300511	0.64775443			0.83648	0.64775	0.332277712	1.39659091							
cytokine-inducible kinase	NM 004073	1263	1p34.1	44993627	neg	1	1	2	0.89486	0.60441062	0.72405	0.61627172			0.3817981	2.49827548	0.5321507	0.80566162			0.52655	0.80566	0.440687759	1.08410641	0.729402627	0.62831014	0.61448505	0.84925914	0.60724	0.63175	0.48395224
xenotropic and polytropic retr	NM 004736	9213	1q25.3	178125192	neg	1	1	2									0.89742027	0.46791101			0.90156	0.46791									
chromosome 20 open reading	NM 033421	90203	20q13.12	44190968	pos	1	1	2	0.27401	1.19354707	0.05861	1.70838698	0.634644	0.9339108	0.23463768	1.84643791	0.25358637	1.19152284			0.24168	1.19152	0.829923864	0.86848024	0.008674398	1.95459318	0.00734349	3.05141361	0.041955	2.07059	0.04614422
hypothetical protein FLJ20731	NM_017946	55033	7p15.1	29695362	neg	0	1	2	0.55365	0.93751494	0.45144	1.10572562	0.610018	0.87572799	0.6414477	0.61537199	0.18156536	1.46214522			0.16982	1.46215			0.550707092	0.9123291	0.55731155	0.88980716	0.402281	1.05	0.52500266
WD repeat domain 4	NM 033661	10785	21q22.3	40810994	neg	1	1	2									0.84411104	0.60525719			0.84777	0.60526									
regulator of G-protein signallir	NM 002924	6000	1q43	239024754	pos	1	1	1			0.45002	1.07159624					0.82141711	0.62582483			0.82467	0.62582			0.534232999	0.89375231	0.56730552	0.83599461			
peroxisomal short-chain alcoh	NM_021004	10901	14q11.2	21795412	neg	0	1	0	0.05524	1.56378741	0.08777	1.57261793	0.628693	0.94230271	0.50727382	0.94839646	0.26304282	1.17946537	0.69218064	0.64683338	0.19825	1.24309	0.606175436	0.96954657	0.103489924	1.64985524	0.03254916	2.40746145	0.400286	1.01979	0.28280676
hypothetical protein FLJ13390	NM_022490	64425	9p13.2	37798155	pos	1	1	2	0.16466	1.3474662	0.44655	1.03248792	0.712229	0.89636256	0.52236342	0.94569552	0.4155492	1.06548926	0.50492839	0.79895936	0.40637	1.06556	0.250060982	1.15337632	0.466802068	1.01210638	0.44943716	1.20540379	0.881577	0.46324	0.82788576
antigen p97 (melanoma associ	NM 033316	4241	3q29	192711132	neg	1	1	2	0.86393	0.72875528	0.782	0.75365566	0.53293	0.979674	0.90307467	0.56887774	0.23696406	1.15259558	0.29703749	1.20166086	0.28962	1.13243	0.923055507	0.79449689	0.774126627	0.64822335	0.61248193	0.87272224	0.7611	0.64905	0.67456408
chromosome 20 open reading	NM 052951	116092	20q13.12	44149067	pos	1	1	2	0.07173	1.47821278	0.84237	0.70752272	0.425143	1.06891397	0.7042775	0.65089412	0.46165294	1.04917286	0.45541275	0.88171928	0.43286	1.0782	0.635559282	0.96481399	0.903382472	0.54379048	0.83127997	0.68930213	0.888081	0.55234	0.73319816
aristaless-like homeobox 4	NM 021926	60529	11p12	45601772	pos	1	1	2																							
DiGeorge syndrome critical re	NM 005137	9993	22q11.21	15964040	neg	1	1	2																							
zinc finger protein 261	NM 005096	9203	Xq13.1	66633124	neg	1	1	2	0.29146	1.16176997	0.20928	1.29943085	0.935084	0.76695264	0.26761133	1.15658797	0.4669405	1.0215916	0.76539327	0.62314517	0.36236	1.08076	0.138139113	1.19041357	0.963169291	0.3958543	0.96073869	0.45659065	0.740209	0.6549	0.80311046
EGF-like repeats and discoidin	NM 005711	10085	5q14.3	82056910	pos	1	1	1																							
hypothetical protein FLJ13993	NM 024695	79748	15q24.1	70933812	neg	1	1	2									0.38779805	1.17717135			0.378	1.17717									
axonemal dynein heavy chain	NM 018897	56171	2q32.3	194791043	pos	1	1	2	0.2575	1.22403158	0.21962	1.29936102	0.9231	0.75068474	0.43243225	1.01496747	0.10494791	1.6853304			0.09506	1.68533	0.664497352	0.91955515	0.318567061	1.27071145	0.37891303	1.21267621	0.609082	0.67759	0.86667067
solute carrier family 16 (mono	NM 003051	6566	1p13.2	113870602	pos	1	1	2	0.08766	1.44184941	0.28763	1.27651063	0.483661	1.00292095	0.61590872	0.69708409	0.61456671	0.91701784	0.63215572	0.61567376	0.58593	0.93444	0.466664989	1.02459971	0.82114582	0.56672523	0.76282967	0.68885281	0.833383	0.55283	0.99246829
tissue inhibitor of metalloprote	NM 000362	7078	22q12.3	29892853	pos	0	1	2																							
hypothetical protein DKFZp43	NM 032259	84219	16p13.3	753840	neg	1	1	2	0.6959	0.8747628	0.756	0.78449561	0.04582	1.29251113	0.66121616	0.61199258	0.22025266	1.10562895	0.28921994	1.08944914	0.26965	1.13534	0.589223893	0.98023914	0.906197019	0.50983081	0.79279815	0.6656684	0.835731	0.61069	0.96975718
nucleolar protein NOP5/NOP58	NM 015934	51602	2q33.1	201347702	neg	0	1	0																							
WD repeat endosomal protein	NM 020839	57599	3p22.2	38434222	neg	1	1	0	0.85296	0.66371975	0.34185	1.16317878			0.14815008	1.59081907	0.18746886	1.44231664			0.17567	1.44232			0.360714376	1.09341541	0.51521695	0.92943723			
v-rel reticuloendotheliosis vira	NM 006509	5971	19q13.32	46149436	pos	0	1	0	0.0709	1.49494104	0.2707	1.20435838	0.347656	1.06917211	0.20635602	1.16279357	0.90579196	0.75499672	0.89267883	0.61119644	0.78997	0.81942	0.725527681	0.92891482	0.183561603	1.32307219	0.05925606	1.89896624	0.331313	1.09591	0.15580542
putative glycolipid transfer pro	NM 015899	51054	12q12	45645876	pos	1	1	2	0.18068	1.30411592	0.10485	1.52703577	0.579504	0.96011706	0.54464518	0.91792794	0.23433208	1.23549735	0.49081347	0.81404349	0.22204	1.23599	0.392188645	1.06496173	0.357328673	1.09396879	0.40958483	1.11038961	0.427683	0.98292	0.70232443
baculoviral IAP repeat-contain	NM 001166	329	11q22.1	104413101	pos	0	1	2																							
SH3 and multiple ankyrin repe	NM 133266	22941	11q13.3	72666760	neg	1	1	2	0.00046	2.85226951	0.001	3.63852863	0.447544	1.01878639	0.49638303	0.95779095	0.00938388	1.58825946	0.15269015	1.36935835	0.01074	1.74062	0.000536947	1.61295275	9.33183E-06	5.81444576	0.00023592	7.1969697	0.000553	6.40343	3.8235E-05
DAB2 interacting protein	NM 032552	153090	9q33.2	115566282	neg	1	1	2																							
solute carrier family 6 (neurotr	NM 004211	9152	11p15.1	21759000	neg	0	1	2	0.39377	1.08449361	0.61914	0.87595559	0.766877	0.86353715	0.41047187	1.02062863	0.58081	0.94175032	0.45444916	0.91012915	0.56462	0.94707	0.485061048	1.03040754	0.562388141	0.95756034	0.23914236	1.29744449	0.474099	0.93868	0.39036091
hypothetical protein FLJ22649	NM 021928	60559	4q34.2	178128838	neg	1	1	2									0.84940235	0.57185665			0.85314	0.57186									
hypothetical protein MGC4090	NM_024310	79156	19q12	30778475	var	1	1	2			0.23994	1.82797619					0.68829386	0.80391097			0.68791	0.80391			0.539372095	0.91558564	0.62093971	0.7776466			
v-maf musculoaponeurotic fibr	NM 005461	9935	20q12	39043000	pos	1	1	1																							
CLLL7 protein	NM 018191	55213	13q14.2	48106044	pos	1	1	2																							
hypothetical protein similar to	NM 021183	57826	Xq26.2	125982776	pos	1	1	2																							
V1R-like 1	NM 020633	57191	19q13.43	58864998	pos	0	1	0			0.35944	1.31830484	0.015665	2.72389668	0.01138097	2.19947738	0.85818756	0.66735456			0.86204	0.66735			0.012696533	4.48448157	0.41094191	3.23331841	0.008914	5.02786	0.10296897
FK506 binding protein like	NM 022110	63943	#N/A	8200105		1	1	2	0.7653	0.82349728	0.63647	0.88146889	0.266178	1.09397414	0.89421941	0.72229423	0.38395208	1.01053165	0.38300861	1.00994665	0.44025	1.0256	0.543093047	0.95752522	0.733417244	0.5905669	0.64198441	0.61401922	0.857424	0.59095	0.77508377
ATP-binding cassette, sub-fam	NM 005689	10058	2q35	218090301	neg	1	1	2	0.16774	1.31092241	0.32878	1.14577799	0.281271	1.14305365	0.71795495	0.84684613	0.26453561	1.11522387	0.32493874	1.11052816	0.31276	1.11999	0.234393529	1.20135543	0.656361689	0.96490984	0.61806605	0.85203685	0.211443	1.28947	0.59756176
over-expressed breast tumor p	NM_013397	29964	6p21.1	41757519	neg	1	1	1	0.44519	1.04440326	0.44922	1.03461806			0.4930865	0.95452738	0.31306427	1.15214835	0.54743762	0.49094786	0.29971	1.15421	0.552498697	0.97111752	0.390528426	1.00282729	0.43322104	1.06442577			0.51802294
cellular zinc finger anti-NF-kap	NM 020205	56957	1q21.2	147566611	pos	1	1	1			0.20015	2.12111111					0.48144769	1.01570381			0.47423	1.0157			0.376297324	1.06320335	0.5945467	0.7374235			
hypothetical protein MGC1300	NM 032320	84280	11p15.2	14680967	pos	1	1	2			0.62897	0.73909524			0.96237766	0.35874039									0.357420403	1.2058621	0.52803452	0.84120425			
homeo box D1	NM 024501	3231	2q31.1	175105843	neg	1	1	2			0.11686	3.07511261					0.93579432	0.41090712			0.93966	0.41091			0.129967094	2.51219765	0.1783325	2.16356108			
3-hydroxyanthranilate 3,4-diox	NM 012205	23498	2p21	42982792	neg	1	1	1																							
hypothetical protein MGC1327	NM 032722	84808	#N/A	#N/A		0	1	0									0.63601543	0.85403639			0.63391	0.85404			0.196208703	1.6541058	0.31415985	1.35472371			
zinc finger protein 42 (myeloid	NM 003422	7593	19q13.43	59971765	pos	0	1	2	0.33076	1.24937432	0.86974	0.59305281	0.251179	1.67416611	0.31476051	1.20147332	0.71847351	0.84085549			0.71904	0.84086	0.7162899	0.90822002	0.694615009	0.6067972	0.72409258	0.684329	0.574479	0.75344	0.47040169
ATPase, H+ transporting, lysos	NM_004691	9114	16q22.1	58166350	neg	1	1	2	0.47281	1.01833313	0.44453	1.0335431	0.55648	0.96507538	0.4589672	0.98992336	0.39498962	1.0089322	0.39409189	1.00831688	0.42883	1.03931	0.600192059	0.96991177	0.218219759	1.16560365	0.27174474	2.11502783	0.293717	1.21407	0.2616574
peptidylprolyl isomerase (cycl	NM 016059	51645	6p21.2	36824714	pos	0	1	1	0.73486	0.81937192	0.00233	4.83238255	0.314908	1.28938509	0.50903232	0.92792593	0.64758158	0.89907873	0.23445178	1.58536127	0.78232	0.78043	0.339763894	1.10401604	0.37926457	1.07003378	0.31217533	1.25334982	0.830293	0.48039	0.36769454
putative DNA/chromatin bindir	NM 006618	10765	1q32.1	200380614	neg	0	1	0			0.72988	0.4581741					0.94930909	0.41838617			0.95288	0.41839			0.374155885	1.0526814	0.4728418	1.02022977			
splicing factor, arginine/serine	NM 004593	6434	3q27.2	182426111	pos	1	1	2	0.49138	1.00433459	0.84346	0.70678072	0.268582	1.09259028	0.9443761	0.64509035	0.46345494	1.01656017	0.24508945	1.12816114	0.81077	0.78441	0.525229794	1.00197786	0.874411842	0.51710184	0.86690408	0.54899333	0.864653	0.58069	0.96034595
endothelial cell growth factor 1	NM 001953	1890	22q13.33	47468200	neg	1	1	2	0.22166	1.24020349	0.27088	1.25588015	0.429658	1.10909582			0.8136857	0.75068445			0.81678	0.75068			0.846647963	0.51335361	0.78266056	0.68734296	0.452488	0.92647	0.45228988
Rab geranylgeranyltransferase	NM 004581	5875	14q11.2	22107183	neg	1	1	1	0.30334	1.15477087	0.21627	1.28959617	0.393461	1.04995228	0.18594668	1.25727704	0.63712363	0.89291104	0.73382499	0.50706368	0.56536	0.94494	0.476934492	1.02334173	0.722343854	0.59745429	0.74026846	0.67586161	0.629574	0.72805	0.36512341
hypothetical protein	NM 015683	27106	19p13.11	18612844	neg	1	1	2	0.15876	1.42615559	0.18669	1.4343412	0.535311	0.95279017	0.23961779	1.22960671	0.43338117	1.07127085	0.51900038	0.79415422	0.42315	1.07309	0.368097128	1.10914246	0.00019309	4.15199775	0.00322726	4.74107653	0.001016	6.50469	0.12843978
sterol O-acyltransferase (acyl-	NM 003101	6646	1q25.2	176796160	pos	1	1	1	0.60445	0.91758597	0.50465	0.98258507	0.617649	0.92174692	0.46531926	0.89776629	0.32319219	1.09714495	0.30948222	1.15739149	0.4122	1.0564	0.678222361	0.93391283	0.553943855	0.95232252	0.46332536	1.03103469	0.587571	0.78493	0.69929493
H3 histone, family 3B (H3.3B)	NM 005324	3021	17q25.1	73749831	neg	1	1	2	0.57673	0.89276415	0.06943	2.80619048	0.418313	1.25945717	0.39871389	1.29481666									0.958231829	0.13309045	0.99417234	0.1137515			
hypothetical protein MGC2454	NM 025264	80745	2p22.1	39929601	pos	1	1	2			0.10338	4.89930556					0.19293349	1.49921085			0.18108	1.49921									
methylcrotonoyl-Coenzyme A c	NM 020166	56922	3q26.33	179498885	pos	1	1	2					0.529506	0.92610856	0.52967702	0.59373454	0.26931145	1.39811625	0.74692942	0.06687465	0.22932	1.46901									
sorting nexin 18	NM_052870	112574	5q11.2	53976674	neg	1	1	2									0.97705642	0.43689211			0.97948	0.43689									
ras homolog gene family, mem	NM 004675	9077	1p31.2	68472139	neg	0	1	2	0.36924	1.12163339	0.28301	1.28094846	0.163275	1.43647349	0.56840669	0.83422082	0.50797206	0.98551287	0.50171047	0.55174153	0.50154	0.98591	0.600657183	0.90990274	0.583219084	0.88833822			0.470071	0.92723	0.56382213
XPMC2 protein	NM_020385	57109	9q34.2	127360924	pos	1	1	2	0.64336	0.90707269	0.89566	0.64611903	0.145006	1.20426387	0.59024091	0.93639895	0.61336915	0.97191983	0.92545474	0.53040791	0.47845	1.00565	0.733160853	0.92522824	0.629781822	0.60819798			0.657451	0.71994	0.69477423
hypothetical protein MGC1297	NM 032683	84769	19p13.11	18797917	neg	1	1	2									0.6474971	0.79489105			0.64577	0.79489									
signal recognition particle 68k	NM 014230	6730	17q25.1	73853854	neg	1	1	1	0.16842	1.32995406	0.06893	1.65624565	0.196094	1.23600006	0.64984551	0.75744061	0.39548683	1.06800938	0.60252961	0.81128464	0.35246	1.09366	0.183876701	1.16921365	0.816864446	0.57951452	0.70821358	0.78003374	0.495518	0.91114	0.33549755
hypothetical protein FLJ21939	NM 022461	64343	3p24.1	27815595	pos	1	1	2	0.2909	1.16585747	0.14481	1.41957787	0.827501	0.82504523	0.90643173	0.71034804	0.8558122	0.73043863	0.84745198	0.48092145	0.76523	0.794	0.336864523	1.08937007	0.530826829	0.84219836	0.48343117	0.99698282	0.552816	0.74319	0.49059077
DKFZP564O0463 protein	NM 014156	25879	8q22.3	103432988	neg	1	1	0	0.20482	1.28993476	0.0445	1.88200687	0.29351	1.1330956	0.51893875	0.72391478	0.7590333	0.7715766	0.66054288	0.55532769	0.73345	0.7898	0.237225945	1.16594919	0.708483073	0.59730735	0.55281986	0.84821429	0.362408	1.33824	0.57545897
hypothetical protein FLJ20772	NM 017956	55039	8q24.13	124625081	neg	0	1	2	0.97397	0.5196988	0.68711	0.78149351	0.542117	0.92889479	0.49637353	0.93992308	0.589465	0.75729396	0.81931989	0.02932495	0.46362	1.13223	0.719254603	0.72714244	0.741665347	0.44299846	0.81331024	0.47114698	0.298292	1.71867	0.58590719
T-box 5	NM 080718	6910	12q24.21	113713262	pos	1	1	0	0.01399	2.09602249	0.16141	1.41666667	0.032212	1.69746619	0.23635963	1.68449703	0.58574663	0.9488504	0.41319515	0.94573507	0.42696	2.04591	0.359274341	1.13129618	0.0343701	2.29208815	0.52405669	0.90621768	0.017273	2.79354	0.04370908
mesenchymal stem cell protein	NM 016645	51335	15q26.1	87357483	neg	1	1	0									0.76534633	0.67955421			0.76727	0.67955									
NTX2-like export factor1	NM 013248	29107	20p11.21	23319429	neg	1	1	2	0.63013	0.90839434	0.57456	0.92530216	0.377137	1.20376204	0.50641772	0.95533326	0.32114377	1.13764839	0.58054223	0.5948326	0.3018	1.1454	0.463507248	1.05174712	0.284806391	1.1281667			0.294618	1.38971	0.52246971
endothelin receptor type A	NM 001957	1909	4q31.22	149211453	neg	0	1	1	0.45071	1.03712923	0.83225	0.66492997			0.35107783	1.07681527	0.6712393	0.83005823	0.76808605	0.56967619	0.51801	0.9774	0.498844039	1.04147032	0.103071167	1.64047791	0.64607295	0.79707234	0.02816	2.59729	0.49300454
hypothetical protein FLJ20859	NM 022734	64745	14q11.2	18830556	neg	0	1	2	0.53967	0.92961413	0.32603	1.9514881					0.55364173	0.9200947			0.54875	0.92009	0.129925802	1.64689892	0.422441213	1.06907086	0.48356963	0.99185129	0.284478	12.4902	
ribosomal protein S19	NM 001022	6223	19q13.2	43003777	pos	1	1	1	0.29061	1.22750472	0.15247	1.49235573	0.502521	0.99092079	0.3529184	1.15468142	0.27213849	1.32132051			0.26037	1.32132	0.472577251	1.04875387	0.248028076	1.4931633	0.36823091	1.25485625	0.582421	0.69176	0.46459636
KIAA0254 gene product	NM 014758	9795	11q24.3	132746186	pos	1	1	2	0.30719	1.2149346	0.07778	1.85901487	0.339973	1.19205953	0.47451346	0.88718054	0.42307372	1.07550683			0.41417	1.07551	0.875520263	0.59591965	0.37063851	1.23318386	0.41284037	1.23376623	0.357124	1.29864	0.33800138
bladder cancer overexpressed	NM 018656	55508	12q15	69312848	neg	1	1	2	0.23888	1.29585674	0.0561	1.91721354	0.683136	0.91174278	0.55457604	0.82262556	0.3246126	1.08444191	0.38531005	1.05695476	0.31543	1.18248	0.553084392	0.97521016	0.583144121	0.62350801	0.7360678	0.58852067	0.643071	0.63757	0.62097129
surfeit 1	NM 003172	6834	9q34.2	127308404	pos	1	1	2																							
protocadherin gamma subfam	NM 003735	26025	5q31.3	140626596	neg	0	1	2	0.05795	2.21993789	0.24406	1.33967331	0.208408	1.8208029	0.17771181	1.62500104	0.00931074	2.66521965			0.00726	2.66522	0.556393869	0.89177838	0.001798609	14.364236			0.00069	16.9907	0.47827429
hypothetical protein AF140225	NM_030799	81555	5q32	143437561	pos	1	1	2	0.36792	1.23769488	0.18082	1.53230769	0.622737	0.87814807	0.44334524	0.98929209	0.13120884	1.54278417	0.59214595	0.43465221	0.11441	1.56406	0.566231753	0.78921873	0.509874849	0.62130016			0.361043	1.24777	0.55252609
molecule possessing ankyrin r	NM 031419	64332	3q12.3	98261910	neg	1	1	2																							
voltage-dependent anion chan	NM 005662	7419	8p11.21	41661937	neg	1	1	2	0.51038	0.98312728	0.40281	1.12125651			0.46956171	0.92050356	0.68059286	0.81936549			0.67996	0.81937	0.464169756	1.09797801	0.261685853	1.32347598	0.33646158	1.28032345			
hypothetical protein FLJ20287	NM 017746	54881	9q31.1	93864636	pos	1	1	1									0.99932369	0.21200988			0.9995	0.21201									
cyclin-dependent kinase inhibi	NM 079421	1032	19p13.2	10808004	pos	0	1	0									0.2498967	1.48235648			0.23798	1.48236			0.38966879	1.01052771	0.55446547	0.80924452			
procollagen-proline, 2-oxoglut	NM 000917	5033	10q22.1	73545601	neg	1	1	2	0.2422	1.27139212	0.06095	1.82996231	0.411593	1.0496457	0.54797504	0.83082677	0.44587574	1.10125599			0.43761	1.10126	0.42375137	1.06898765	0.267263741	1.77015021	0.3860034	1.35893092	0.501355	0.79245	0.68398831
met proto-oncogene (hepatocy	NM 000245	4233	7q31.2	114790312	neg	1	1	2									0.49210941	1.0035848			0.48523	1.00358									
chromosome 6 open reading fr	NM 138272	80739	6p21.33	31754545	neg	0	1	2	0.84826	0.75343273	0.80744	0.73097886	0.033142	1.38048238	0.81601372	0.81329827	0.34128525	1.03624021	0.37256538	1.02933542	0.36427	1.07135	0.58623654	0.97909317	0.805735998	0.50212122			0.851413	0.59046	0.84851786
ribosomal protein L35	NM 007209	11224	9q33.3	118734884	pos	1	1	2									0.50778091	0.56247891			0.50139	0.56248									
FXYD domain-containing ion tr	NM 022006	53822	19q13.12	36251713	pos	1	1	2																							
survival of motor neuron prote	NM 003616	8487	14q21.1	36964035	pos	0	1	2									0.38299506	1.23137831			0.37309	1.23138									
hypothetical protein MGC1243	NM 031427	83544	14q24.3	71616725	neg	1	1	2	0.35852	1.159213	0.48042	1.00369674	0.831118	0.7265188	0.49849547	0.59752321	0.51097002	0.99634899	0.73369469	0.45243422	0.44208	1.04794	0.561434957	0.95610396	0.518551002	0.55184916			0.514937	0.75894	0.65556984
solute carrier family 25 (mitoch	NM 002635	5250	12q23.1	98290391	pos	1	1	1	0.15452	1.51512332	0.07699	2.1175641	0.500773	0.90263879	0.68372217	0.60193464	0.65314049	0.59500306	0.74357767	0.31867202	0.43292	1.41614	0.469648945	1.05041494	0.765795172	0.3836692	0.91571923	0.32416603	0.524336	0.77285	0.50314769
BUP protein	NM 012071	23412	10p12.2	22340624	neg	1	1	1																							
KIAA1638 protein	NM_025132	57728	4p14	39186179	neg	1	1	1	0.53085	0.96729297	0.26262	1.35494403			0.77462943	0.66728863	0.57964433	0.80236698	0.61977911	0.5409142	0.50781	0.97279	0.46844492	1.07695078	0.212273352	1.68020547	0.66437086	0.69195355	0.189879	2.53159	
glial cell derived neurotrophic	NM 000514	2668	5p13.2	37999173	pos	1	1	2	1.5E-05	4.35796313	0.01014	2.30787086	0.020419	1.36162777	0.0290043	1.35046989	0.03972822	1.27733344	0.26636205	1.10897423	0.01236	1.66778	0.000761189	1.57407604	2.70187E-05	4.70957802	0.00050184	5.59992785	0.000694	5.82948	0.00208627
sialyltransferase 9 (CMP-NeuA	NM 003896	8869	2p11.2	85961675	neg	1	1	2	0.25	1.32659544	0.07878	1.85782139	0.302983	1.28398549	0.34358683	1.35549455	0.45040926	1.04906109			0.44227	1.04906	0.443997882	1.07158639	0.235129704	1.44700326	0.31447326	1.35527351			0.45384733
mucosal vascular addressin ce	NM 007164	8174	19p13.3	507086	neg	1	1	0									0.48870644	1.00997681			0.48172	1.00998									
KIAA0941 protein	NM 014904	22841	10q26.11	118683149	neg	1	1	2	0.77771	0.78387158	0.89354	0.63464551	0.320923	1.14559975	0.99999971	0.38696139	0.43085083	1.05109732	0.26357141	1.27285351	0.61807	0.90293	0.47303948	1.02450775	0.5101667	0.81293955			0.467676	0.93973	0.05522453
second mitochondria-derived a	NM 019887	56616	12q24.31	121460807	neg	1	1	2			0.12284	2.04114219					0.50711383	0.89437321			0.5007	0.89437									
dual oxidase 2	NM 014080	50506	15q21.1	40943205	pos	1	1	2	0.49222	1.00707603	0.29608	1.29839181	0.217391	1.27997978	0.31372846	1.78949061	0.81987374	0.72616422			0.8231	0.72616	0.558841629	0.97287703	0.172148184	1.36564175	0.27159239	1.2477071	0.05447	2.35294	0.00012366
testicular haploid expressed g	NM 016585	51298	19p13.3	302937	neg	0	1	0	0.9643	0.59113581	0.90514	0.6185042	0.043448	1.38230023	0.16063719	1.24983935	0.66716198	0.92788256	0.31751083	1.12392108	0.86105	0.76473	0.479036878	1.02120482	0.611919993	0.69119582			0.573412	0.85141	0.69451984
golgi autoantigen, golgin subfa	NM 002078	2803	3p22.3	36548556	pos	1	1	2	0.35056	1.15028412	0.11748	1.65436259	0.47967	1.01558136	0.49187995	0.93970831	0.47389725	1.02559749	0.73866377	0.17301365	0.43839	1.04794	0.419113251	1.15382033	0.515023515	0.56947326			0.487057	0.82353	0.57748526
Rho GDP dissociation inhibito	NM 004309	396	17q25.3	79317130	neg	1	1	1	0.17372	1.35420841	0.03126	2.24267677	0.473182	1.0167908	0.38355917	1.65285564	0.59115451	0.98890238	0.39973635	0.98706939	0.43381	1.04957	0.365927908	1.09467265	0.887315253	0.22871048	0.91360582	0.27417027			0.123525
hypothetical protein MGC4606	NM 024516	79447	16p11.2	29329518	neg	1	1	2	0.21996	1.32036122	0.16471	2.00550239	0.41919	1.05888133	0.91012087	0.41459466	0.58045069	0.94293215	0.4213104	0.93520975	0.51257	0.97788	0.520954808	1.00723038	0.713915802	0.75039861	0.93448365	0.19628099	0.407616	1.02277	0.48416843
KIAA0102 gene product	NM 014752	9789	11q13.4	76987303	pos	1	1	2	0.41167	1.10291718	0.38668	1.1413722	0.396415	1.13782471	0.61160351	0.78151568	0.57470001	0.65990512	0.57051544	0.65990512			0.577042037	0.91592694	0.530753328	0.86800426	0.56762	0.84821429	0.481102	0.89008	0.44237694
hypothetical protein FLJ10116	NM 018000	55686	2q35	214970343	neg	1	1	2									0.20869881	1.65470681			0.19675	1.65471									
cell division cycle 27	NM 001256	996	17q21.32	44695489	pos	1	1	2	0.52172	0.98425437	0.8105	0.73327962	0.033606	1.31647861	0.83468406	0.80993085	0.80695971	0.81625346	0.73342428	0.68388783	0.75582	0.84091	0.290494356	1.09103607	0.855282845	0.60168708	0.58649934	0.9064405	0.756296	0.68331	0.38640139
zinc finger protein 133 (clone p	NM 003434	7692	20p11.23	18266583	neg	1	1	2	0.42274	1.06069412	0.23278	1.28726852	0.517823	0.98690436	0.42911293	1.010858	0.28906438	1.19729144	0.58367342	0.42122999	0.27165	1.2043	0.536528654	0.99715596	0.670263856	0.62900257	0.86668258	0.35032868	0.484514	0.88529	0.82331706
metallothionein 1H	NM 005951	4496	16q12.2	47087303	pos	1	1	2	0.34542	1.12845307	0.22135	1.28170687	0.673732	0.89744273	0.07340064	1.52637085	0.01608155	1.61726415	0.12216237	1.47960084	0.02684	1.72109	0.449392495	1.03189595	0.127067399	1.68510168			0.123288	1.87166	0.02508203
hypothetical protein MGC1127	NM 024326	79176	10q24.32	103074012	pos	1	1	1	0.36779	1.10638775	0.26372	1.23923611	0.480292	1.00524455	0.5690953	0.92976468	0.2979478	1.22608168	0.61295577	0.4515459	0.27212	1.24749	0.706837683	0.91350391	0.527671154	0.76765812			0.498063	0.86322	0.40181708
hypothetical protein MGC861	NM 024053	79019	22q13.2	38948899	pos	1	1	2	0.67719	0.88777891	0.90842	0.63034082	0.255832	1.10749608	0.97391484	0.6907984	0.60005921	0.99162168	0.40775751	0.99196049	0.54461	0.96786	0.476838672	1.01818705	0.860454842	0.43995232			0.934412	0.47382	0.72626299
CGI-110 protein	NM_016047	51639	2p23.3	24206480	neg	1	1	2									0.94892514	0.36610106			0.95251	0.3661									
sema domain, immunoglobulin	NM 003612	8482	15q24.1	70720128	neg	1	1	2																							
chromosome 12 open reading	NM 021640	60314	12q13.13	54008433	neg	1	1	2	0.40315	1.0804896	0.21945	1.42709184	0.535998	0.93943285	0.40943229	1.05557418	0.23310314	1.26414221	0.45545124	0.79421634	0.21368	1.2774	0.468513948	1.05777121	0.76353328	0.46917423	0.82555749	0.46936759	0.597636	0.68119	0.44628523
cofilin 2 (muscle)	NM 021914	1073	14q13.2	32560154	pos	1	1	0	0.11061	1.45847293	0.06726	1.69299532	0.759065	0.84804284	0.43058673	1.0215285	0.94007352	0.62007931	0.64388887	0.61942318	0.93878	0.62012	0.345319363	1.0783657	0.563548301	0.96887705	0.46133652	1.03615	0.512096	0.8131	0.46225133
nerve growth factor receptor (T	NM 002507	4804	17q21.33	47283744	neg	1	1	2																							
MRS2-like, magnesium homeo	NM 020662	57380	6p22.3	24460719	pos	0	1	2	0.2779	1.24325605	0.04307	1.85657895	0.376994	1.15530563	0.69087858	0.81239629	0.60757017	0.91903444	0.67113403	0.48402665	0.57233	0.94251	0.443432566	1.08990388	0.641241852	0.96563263	0.79532889	0.41901495	0.385919	1.06456	0.62808753
SKB1 homolog (S. pombe)	NM 006109	10419	14q11.2	20762184	neg	0	1	2	0.27791	1.19183735	0.0883	1.56905864	0.487907	1.00094079	0.10752259	1.31333891	0.38349637	1.05179993	0.33433819	1.13436261	0.45547	1.02091	0.517503927	1.00520631	0.580523678	0.97740663	0.47776622	1.02813853	0.562839	0.82898	0.43438581
cysteine and tyrosine-rich 1	NM 052954	116159	21q21.3	24417527	pos	1	1	2	0.0134	2.03755784	0.01523	2.30267361	0.226173	1.20320557	0.21089375	1.37357044	0.00537332	2.0726885	0.02752915	2.68847082	0.02738	1.86854	0.057770219	1.35014894	0.010570755	3.53792943			0.003976	4.54152	0.33382361
erythrocyte membrane protein	NM_004099	2040	9q33.2	115205990	neg	1	1	2	0.01907	2.49434621	0.18749	1.32207743	0.024199	1.41852164	0.42869608	1.00711015	0.04993922	1.335642	0.19256775	1.23319892	0.06073	1.44177	0.380179802	1.05614299	0.005118059	3.67144858			0.00157	4.49401	0.17635053
beta-1,3-glucuronyltransferase	NM 018644	27087	11q25	136745475	neg	1	1	0																							
U6 snRNA-associated Sm-like	NM 012322	23658	7p14.3	32168867	pos	0	1	1	0.38281	1.13404839	0.16319	1.76891762	0.626895	0.70082978	0.45052402	0.98626736	0.12985435	1.63892563	0.82915533	0.05216015	0.09347	1.747			0.551486147	0.58385987			0.486077	0.85882	0.49476294
a disintegrin and metalloprotei	NM 002390	4185	17q21.31	42355204	neg	1	1	2									0.45747734	1.04136766			0.44955	1.04137									
endocytic receptor (macropha	NM_006039	9902	17q23.2	60322551	pos	1	1	2									0.89859537	0.47093239			0.90274	0.47093									
likely ortholog of rat vacuole m	NM 030938	81671	17q23.2	57521384	pos	1	1	2	0.63763	0.86513788	0.34099	1.19010582	0.318466	1.19167161	0.58537581	0.82360483	0.30713555	1.1924344	0.51673969	0.70619734	0.29506	1.19341	0.797890008	0.76830556	0.541526946	0.74247781	0.62060787	0.7040135	0.473771	0.83937	0.57046406
suppression of tumorigenicity	NM 021978	6768	11q24.3	132030125	pos	1	1	1			0.75183	0.60818966					0.78263762	0.72809128			0.78502	0.72809			0.576991767	0.73192372	0.48421337	0.73287823			
hypothetical protein FLJ12439	NM 023077	65260	1p32.3	52746153	neg	1	1	0	0.18076	1.36814105	0.04283	1.83346561	0.500137	0.99450425	0.28495235	1.26721689	0.37942042	1.12791888	0.57744389	0.65112645	0.3555	1.14527	0.394855831	1.0634115	0.518607791	0.67973481			0.610795	0.72851	0.44819078
phospholipase D1, phophatidy	NM 002662	5337	3q26.31	168371312	pos	1	1	2	0.04648	1.5939539	0.11447	1.48351746	0.249083	1.10804461	0.14822239	1.49035894	0.33696167	1.10569633	0.84035288	0.55804453	0.18478	1.24147	0.545369417	0.99488943	0.741127433	0.52870858			0.796357	0.609	0.1615683

transcription elongation factor	NM_016427	51224	18q21.1	44864351	neg	1	1	0	0.97862	0.56727358	0.89735	0.64354448	0.632414	0.9336205	0.2245901	1.12672667	0.99999956	0.3650729	0.99999661	0.1946347	0.99902	0.4783	0.999406944	0.63768936	0.485860375	0.81821328			0.708657	0.7402	0.99704506
CGI-30 protein	NM_015958	51611	1p21.2	102246311	neg	1	1	0									0.51180418	0.9333666			0.49446	0.93337									
p300/CBP-associated factor	NM_003884	8850	3p24.3	19412269	pos	1	1	2									0.73671035	0.62799571			0.73783	0.628									
PCF11p homolog	NM_015885	51585	11q14.1	85194939	pos	1	1	2	0.50855	0.99216427	0.2562	1.24442916	0.52278	0.97851897	0.43532395	1.00639786	0.45356625	1.03045924	0.51667806	0.84469991	0.44454	1.03106	0.738761137	0.89525323	0.837591576	0.54077758	0.39817308	1.08441558	0.839801	0.57398	0.31998119
procollagen-lysine, 2-oxogluta	NM_000935	5352	3q24	142579414	pos	1	1	2																							
protein phosphatase 1, regulat	NM_006242	5509	20q13.33	58242051	neg	1	1	1	0.45807	1.0546616	0.23921	1.78789308			0.37749407	1.31709694	0.66625896	0.81553092			0.66516	0.81553	0.365488889	1.24040435	0.31311779	1.1348564	0.45069979	1.07344633	0.287052	3.53431	
torsin family 2, member A	NM_130459	27433	9q34.11	121608505	neg	1	1	2	0.52362	0.97582963	0.09832	1.68992964	0.365255	1.10489973	0.59299321	0.79689555	0.70248235	0.85450113	0.76723897	0.40535347	0.64357	0.89398	0.365954825	1.11109077	0.280917584	1.27161232	0.64149	0.79447068	0.247841	1.76471	0.42316069
a disintegrin and metalloprotei	NM_020334	11085	1p12	120883308	pos	1	1	0	0.92782	0.64996665	0.9535	0.53139595	0.141881	1.36042302	0.25467865	1.19691153	2.6516E-06	2.85222466	0.00042515	3.51783294	0.00034	2.55043	0.566698488	0.97091041	0.274648323	1.0746296			0.174253	1.38235	0.69948784
DKFZP586A011 protein	NM_015416	25875	12q13.13	51716985	neg	0	1	2	0.59294	0.93475304	0.50817	0.9798128	0.51004	0.99219593	0.25229841	1.12159488	0.40646594	1.05987896	0.59624653	0.75760593	0.37655	1.07415	0.399890619	1.05726621	0.565097039	0.66539066			0.641419	0.72957	0.77810372
dual specificity phosphatase 6	NM_022652	1848	12q21.33	89160090	pos	0	1	2	0.32937	1.14085581	0.26787	1.22828724	0.601541	0.93509858	0.1413059	1.35382371	0.27272289	1.42810041	0.55850965	0.53498187	0.2529	1.45277	0.687980236	0.91986892	0.678275888	0.53811882			0.72973	0.62567	0.34539655
sin3-associated polypeptide, 3	NM_003864	8819	4q34.1	175212146	pos	1	1	2	0.69118	0.84157136	0.61567	0.86913377	0.423368	1.1133732	0.11523728	1.5819026	0.43651137	1.04866894	0.03896723	2.62291008	0.77461	0.79863			0.776713533	0.48570998			0.810362	0.58612	0.25359551
G1 to S phase transition 1	NM_002094	2935	16p13.13	11749882	neg	1	1	2	0.35042	1.11284076	0.29551	1.20300172	0.816099	0.83004223	0.14083243	1.21607427	0.86747024	0.74100907	0.47798868	0.86990734	0.87153	0.73969	0.229730222	1.14749603	0.62920454	0.57949799			0.728321	0.62185	0.23677666
deleted in liver cancer 1	NM_006094	10395	8p22	12717974	pos	1	1	0	0.33782	1.1163058	0.40252	1.07182904	0.256366	1.11073296	0.58409487	0.89103291	0.55502275	0.87222787	0.56026502	0.81708936	0.50186	0.99132	0.591577699	0.97677831	0.723550872	0.51429667			0.759851	0.61416	0.57421133
zinc finger protein 267	NM_003414	10308	16p11.2	30966656	neg	0	1	1	0.48283	1.01018414	0.84883	0.70026891	0.471686	1.00738673	0.42328225	1.01206346	0.80765854	0.84591024	0.77740226	0.77182459	0.70753	0.88216	0.521059766	1.0036898	0.745579598	0.61163871	0.45445662	1.03818548	0.78463	0.66244	0.24574672
RNA binding motif protein 9	NM_014309	23543	22q12.3	32782953	pos	1	1	0																							
GAS2-related on chromosome	NM_006478	10634	22q12.2	26399137	neg	1	1	2	0.61583	0.91191519	0.40933	1.08300439	0.358962	1.22836695	0.34938767	1.29885612	0.57467879	0.94233324			0.57049	0.94233	0.992211825	0.5169682	0.560105846	0.7911076	0.42509664	1.07631416	0.533697	0.81467	0.6428786
BTB and CNC homology 1, bas	NM_001186	571	21q21.3	27248651	pos	1	1	2	0.84001	0.7310838	0.7151	0.81174769	0.190774	1.28449178	0.61590783	0.84724384	0.01351004	1.81403019	0.30087935	1.18601834	0.001	3.72321	0.349065813	1.1054438	0.634094042	0.55090955			0.766154	0.56022	0.2825986
H2B histone family, member A	NM_003518	8339	6p22.2	26273999	neg	0	1	1	0.86949	0.70541725	0.65067	0.84644522	0.365455	1.10422249	0.14602419	1.32550799	0.52120637	0.99740181	0.40206265	0.98290448	0.1595	1.39158	0.453784578	1.06909858	0.532535972	0.68148615			0.480075	0.83395	0.3998769
chromosome 20 open reading	NM_018478	55861	20q13.12	43763345	pos	1	1	1	0.89396	0.66373137	0.63295	0.86516165	0.07182	3.46965148	0.36569958	1.18824688	0.79992419	0.79128919	0.16326951	2.1422625	0.90005	0.68601	0.391134319	1.13752843	0.529833211	0.70810163			0.634771	0.74118	0.35881431
CREBBP/EP300 inhibitory prot	NM_014335	23741	15q21.1	44727665	pos	0	1	2			0.22006	2.09146825			0.51075904	0.20918642	0.7408592	0.70030413			0.7421	0.7003									
normal mucosa of esophagus	NM_032413	84419	15q21.1	41281156	pos	1	1	2	0.75788	0.81931361	0.62416	0.8849014	0.322849	1.1049388	0.58076138	0.87137439	0.61616523	0.99391787	0.39950713	0.9946079	0.67296	0.88335	0.656402613	0.94629918	0.51506454	0.71806726			0.618684	0.75168	0.99738304
opioid growth factor receptor	NM_007346	11054	20q13.33	61313673	neg	1	1	1																							
core-binding factor, runt doma	NM_005093	9139	20q11.21	31920729	neg	1	1	0									0.60489467	0.51574686			0.60173	0.51575									
Down syndrome critical region	NM_005822	10231	6p21.1	46190534	neg	0	1	0			0.32104	1.51634615			0.65948927	0.39982408	0.71819399	0.78065195			0.71876	0.78065									
hypothetical protein MGC3329	NM_024086	79066	17p13.3	2627080	neg	0	1	1									0.63842691	0.82190373			0.6364	0.8219									
dual-specificity tyrosine-(Y)-ph	NM_003582	8444	1q32.1	205468819	neg	1	1	1	0.18191	1.43560853	0.07248	1.93134615	0.158518	1.345605	0.36515473	1.13766937	0.40128708	1.10500568			0.39182	1.10501	0.430196748	1.08810438	0.364331088	1.13595371	0.45405789	1.1021645	0.573113	0.74692	
hypothetical protein	NM_015932	51371	13q12.3	27213235	neg	1	1	2	0.13183	1.40616975	0.11674	1.54387492	0.555775	0.95265471	0.1327905	1.42512452	0.40452328	1.06821433			0.39514	1.06821	0.824493762	0.85254376	0.601694433	0.65417539	0.64807043	0.70442759	0.62541	0.73529	0.17800487
candidate mediator of the p53-	NM_019845	56475	2q23.3	152254706	neg	1	1	2			0.32495	1.58208812	0.27338	1.39661258			0.54856319	0.93964573			0.5435	0.93965			0.162210638	1.72774534			0.143036	2.28758	
ephrin-B1	NM_004429	1947	Xq13.1	64226761	neg	1	1	2	0.28621	1.23863611	0.08273	1.72460422	0.082753	1.42225919	0.38961343	1.12708517	0.75021063	0.74636796	0.6296157	0.34854473	0.73927	0.757	0.532187767	0.9991776	0.52034154	0.72627744			0.487677	0.8604	0.97792699
nascent-polypeptide-associate	NM_005594	4666	12q13.3	57078319	neg	0	1	1	0.65467	0.8737898	0.71672	0.78937831	0.763097	0.78660999	0.39732899	1.02917052	0.61039651	0.79292649	0.58134625	0.78972538	0.57118	0.79683	0.558624746	0.98181976	0.757960898	0.55859586	0.5921664	0.86121721	0.769377	0.64125	0.46488216
epidermal growth factor recept	NM_001981	2060	1p32.3	51447195	neg	1	1	2									0.45773439	1.05499598			0.44981	1.055									
chorea acanthocytosis	NM_033305	23230	9q21.2	70839210	neg	1	1	2	0.34207	1.17081551	0.09762	1.65796569	0.489357	1.02647604	0.62114204	0.4498317	0.48084126	1.01350612			0.47361	1.01351	0.209374901	1.39573943	0.277569734	1.39868469	0.31526151	1.39194139	0.60019	0.65069	0.25090357
hypothetical protein FLJ13782	NM_024915	79977	8q22.3	101510366	neg	1	1	2	0.46868	1.0322332	0.37055	1.2255848	0.477492	1.00862391	0.62543426	0.79534722	0.46807599	1.05164451	0.79075847	0.55177256	0.18175	1.89055	0.401675522	1.09018596	0.553003158	0.81294667			0.45779	0.92953	0.54818481
hypothetical protein FLJ14803	NM_032842	84928	7q32.2	128280872	pos	0	1	2			0.51028	0.68967912			0.48432813	0.9319182	0.84792728	0.58989033			0.85164	0.58989			0.485767834	0.78727889	0.67193543	0.66916135			
hypothetical protein FLJ12085	NM_022771	64786	12q21.1	72014307	pos	0	1	2	0.62961	0.91483751	0.67702	0.82645082	0.355538	1.11168771	0.21746838	1.15711216	0.32581114	1.14062821	0.24401142	1.27547305	0.53582	0.96177	0.538252459	0.99717369	0.802814879	0.45881509			0.759761	0.63657	0.61046674
hypothetical protein FLJ10858	NM_018248	55247	4q34.3	179118751	pos	1	1	2	0.54258	0.95050458	0.39606	1.11485746	0.354416	1.38074086			0.61426385	0.68980391			0.61142	0.6898	0.479767826	1.12479817	0.548412477	0.48752598			0.438371	0.92911	
ribosomal protein L6	NM_000970	6128	12q24.13	111698902	neg	0	1	2	0.90746	0.69707952	0.92725	0.59947803	0.242188	1.12180194	0.39284238	1.0439525	0.6852219	0.8831919			0.68474	0.88319	0.633247652	0.9617378	0.899858195	0.3691539			0.875412	0.54689	0.47934877
nuclear receptor coactivator 2	NM_006540	10499	8q13.3	70125072	neg	0	1	2									0.50716783	0.97622777			0.50076	0.97623									
SAR1 protein	NM_020150	56909	10q22.1	70721173	neg	1	1	2	0.70828	0.83496476	0.6756	0.85018679	0.197992	1.15526802	0.51010917	0.96831879	0.57940699	0.78027831	0.51160992	0.90354223	0.57662	0.76183	0.360777354	1.06892444	0.880056959	0.3857473			0.828026	0.58619	0.5590951
protein tyrosine kinase 9-like (	NM_007284	11344	3p21.31	51355000	neg	1	1	2	0.95425	0.40139538	0.56678	0.85782123			0.24758571	1.71442042	0.75739962	0.67860518			0.75911	0.67861	0.33400892	1.60928339							
MCM2 minichromosome maint	NM_004526	4171	3q21.3	124149321	neg	1	1	0	0.57501	0.95126757	0.57794	0.92596142	0.077372	1.25763012	0.84285432	0.80259153	0.38192201	1.04722384	0.32205392	1.07954055	0.55132	0.9657	0.469150452	1.02178114	0.814058293	0.4925883			0.854992	0.58597	0.8891282
H2A histone family, member G	NM_021065	3013	6p22.2	26256583	neg	1	1	0	0.5423	0.96999489	0.77894	0.75602174	0.108427	1.30009031	4.4651E-08	2.78663443	0.00863845	1.63996157	0.04376601	1.67647487	0.0367	1.61211	0.236161942	1.16592206	0.317131906	1.00882571			0.164173	1.41515	0.194526
mitochondrial ribosomal prote	NM_031280	64960	1p34.3	36743475	neg	1	1	2	0.65008	0.86138115	0.30075	1.24542434	0.267671	1.31744517	0.53794206	0.86116664	0.35399656	1.14760208			0.34345	1.1476			0.594417397	0.47720616			0.614507	0.6149	
DKFZP564O123 protein	NM_014043	25978	3q11.1	87804127	cen	1	1	2	0.40128	1.06905317	0.27721	1.2042351	0.284893	1.09186407	0.10987088	1.83832583	0.10552669	1.27820042	0.00146986	2.39726972	0.77954	0.82851	0.337011614	1.07954804	0.722174797	0.56359976			0.737093	0.68342	0.88941949
NIMA-related kinase Nek8	NM_033116	91754	14q24.3	73077829	neg	1	1	2	0.68267	0.85493973	0.25683	1.24625567	0.314106	1.15258181	0.61136836	0.69491222	0.95276628	0.54607168	0.49958614	0.56428253	0.95624	0.54607	0.446395224	1.05641912	0.680652937	0.63313818	0.66103846	0.7808647	0.725262	0.59706	0.56401644
growth differentiation factor 1(	NM_004962	2662	10q11.22	47501424	pos	1	1	2									0.74039407	0.68553017			0.74162	0.68553									
calsenilin-like protein	NM_025221	80333	4p15.31	20662706	pos	1	1	0																							
ring finger protein 32	NM_030936	140545	7q36.3	154663746	neg	1	1	1																	0.99154864	0.16542116	0.99623871	0.21465063			
mitochondrial ribosomal prote	NM_014763	9801	2p12	76011542	pos	0	1	2	0.69836	0.78852636	0.70483	0.80766583	0.533795	0.83404575	0.64303792	0.85297457	0.85901088	0.70509936	0.7640337	0.57261202	0.80909	0.73581	0.901125955	0.78139988	0.598049838	0.92314767	0.50718365	0.93467139	0.444095	0.85359	0.65728933
hypothetical protein FLJ21172	NM_024805	79863	18q23	77308885	neg	1	1	0									0.64905907	0.78455236			0.64739	0.78455									
v-ral simian leukemia viral onc	NM_002881	5899	2q14.2	118215859	neg	1	1	2	0.49971	0.99879542	0.14734	1.45414381	0.739734	0.84912838	0.24906906	1.19629783	0.55190619	0.95120066			0.54696	0.9512	0.362068493	1.10477027	0.539173847	0.66301394			0.587811	0.76078	0.2920135
low density lipoprotein recepto	NM_002336	4040	12p13.2	12001612	pos	1	1	1	0.45863	1.04664749	0.33709	1.15800687	0.315306	1.11606878	0.45278196	0.98820332	0.29048853	1.1833803	0.29222204	1.49624105	0.34278	1.13464	0.322951054	1.1337546	0.16402099	1.43010247			0.189877	1.47184	0.25602652
APR-1 protein	NM_014061	28986	Xp11.22	52453946	pos	0	1	2																							
mitogen-activated protein kina	NM_002446	4294	19q13.2	41337150	pos	1	1	1									0.25069687	1.42958628			0.23878	1.42959									
forkhead box F1	NM_001451	2294	16q24.1	77898329	neg	1	1	2																							
hypothetical protein FLJ20396	NM_017801	54918	3p23	32110648	neg	1	1	2																							
parathyroid hormone receptor	NM_005048	5746	2q34	207547219	pos	1	1	2	0.08136	1.57878186	0.10329	1.59817969	0.251177	1.18254041	0.2819529	1.14976067	0.0020324	2.09875502	0.0063862	2.90200374	0.02976	1.77886	0.268610959	1.15384175	0.001344316	3.26004205	0.05552482	2.298624	0.00034	9.4238	0.00023716
nuclear domain 10 protein	NM_005831	10241	17q21.32	46570228	pos	1	1	0			0.05871	4.43135593	0.422747	1.07202148	0.63068667	0.59897252	0.01200066	2.56551757	0.63562802	0.63897074	0.00492	2.97742			0.253489377	1.08536809	0.43194491	1.09409458	0.307339	1.22594	0.40830026
matrix metalloproteinase 15 (m	NM_002428	4324	16q13	48455705	neg	1	1	2	0.20906	1.28798857	0.04156	1.97218468	0.242877	1.40725846	0.6565324	0.7881406	0.26103934	1.20830934	0.96947514	0.01304005	0.1815	1.29188	0.225424879	1.22399517	0.264959797	1.4981915	0.44062598	1.39441288	0.356341	2.01623	0.31956708
hypothetical protein FLJ14810	NM_032843	84929	9q34.12	124792527	pos	1	1	2	0.46784	1.01976012	0.21532	1.28167353	0.008948	1.45511373	0.1298505	1.17805873	0.85812176	0.7984895	0.79882306	0.75022385	0.76815	0.8273	0.475651159	1.01914192	0.811381779	0.50423961			0.976131	0.36433	0.4492959
SUMO-1 activating enzyme sul	NM_005500	10055	19q13.32	48277965	pos	1	1	2	0.09384	1.4923455	0.51226	0.97685185	0.33297	1.0668515	0.75838786	0.84420695	0.35137962	1.05911804	0.30356204	1.11886276	0.45808	1.01938	0.559223415	0.98892421	0.79259204	0.5065441			0.788735	0.6469	0.55821951
DC13 protein	NM_020188	56942	16q23.2	71941959	neg	1	1	2	0.16204	1.32172454	0.1035	1.5085857	0.859707	0.83753915	0.37365562	1.04188797	0.65550695	0.76152697	0.6876312	0.65794921	0.49775	0.99351	0.218281323	1.12907046	0.652239195	0.62175028			0.611222	0.79397	0.38068192
growth arrest and DNA-damag	NM_001924	1647	1p31.2	68111377	neg	1	1	2									0.74665502	0.67641836			0.74806	0.67642									
kinesin family member 9	NM_022342	64147	3p21.31	47058902	neg	1	1	1	0.28181	1.19014848	0.08028	1.59404671	0.54085	0.9780568	0.64162812	0.80930236	0.49598216	1.0075983	0.86629169	0.43487689	0.31738	1.15421	0.421994042	1.04735629	0.768446622	0.60051206	0.53709972	0.93795094	0.844401	0.5501	0.28607278
aprataxin	NM_017692	54840	9p21.1	33284833	pos	0	1	0	0.40923	1.10974355	0.44051	1.05346154	0.431832	1.14290068	0.595086	0.82756629	0.79709305	0.72328961			0.79982	0.72329	0.539995174	0.97817133	0.508888593	0.80132348	0.63822973	0.67099567			
heterogeneous nuclear ribonu	NM_004501	3192	1q44	242911350	neg	1	1	2	0.60592	0.90422991	0.19103	1.3848081	0.70236	0.8271953	0.66793996	0.61578188	0.99982541	0.34332129	0.99999971	0.13290059	0.54117	0.95752	0.273564825	1.17566687	0.316372395	1.26970803	0.46401037	1.03956229	0.557803	0.72471	0.58606146
SRB7 suppressor of RNA poly	NM_004264	9412	12p11.23	27536112	neg	0	1	2	0.60301	0.93421641	0.88498	0.65892355	0.037861	1.3267361	0.89043492	0.75507592	0.5481461	0.9814128	0.1589164	1.30288899	0.84341	0.79339	0.706405369	0.93230677	0.979010522	0.39033956	0.95776922	0.4796279	0.860267	0.58004	0.90139946
integrin, alpha 3 (antigen CD49	NM_005501	3675	17q21.33	47940737	neg	1	1	2	0.66493	0.78958477							0.59691429	0.92124339			0.59348	0.92124	0.510555713	1.02528476	0.422342159	1.06346074	0.73156159	0.70890436	0.239129	1.68536	
epidermal growth factor recept	NM_001981	2060	1p32.3	51447195	neg	1	1	2																							
APEX nuclease (multifunctiona	NM_080648	328	14q11.2	18294359	neg	1	1	2	0.26713	1.22874865	0.18763	1.37665701	0.59295	0.93460713	0.29289867	1.26038265	0.48705872	1.00827572			0.48002	1.00828	0.511191183	1.0155372							0.42990883
hypothetical protein MGC4504	NM_024111	79094	15q15.1	36613263	neg	1	1	2	0.73202	0.74250526	0.34206	1.24699519					0.77654343	0.69781116			0.77877	0.69781	0.418639127	1.14976266							
aldo-keto reductase family 7, m	NM_003689	8574	1p36.13	19190290	neg	1	1	2									0.63450908	0.75535221			0.63235	0.75535									
X-ray repair complementing de	NM_021141	7520	2q35	215136947	neg	1	1	2					0.346439	1.61304917			0.44165759	1.09635875			0.43327	1.09636									
hypothetical protein MGC1554	NM_032752	84838	1q44	245316977	neg	1	1	2																							
solute carrier family 25 (mitoch	NM_005673	8034	10q21.3	69053856	pos	1	1	2	0.93793	0.6412282	0.77146	0.7687863	0.115367	1.21399916	0.60383305	0.89978952	0.45702726	1.0256087			0.44908	1.02561	0.413663829	1.04149486	0.75591003	0.54606753			0.835245	0.60037	0.79172269
laminin, alpha 2 (merosin, con	NM_000426	3908	6q22.33	128863897	pos	0	1	2			0.31825	1.66666667					0.9450531	0.40638223			0.94873	0.40638			0.73408796	0.47949191	0.85250305	0.46398046			
serologically defined breast ca	NM_015966	51614	20q11.22	33888305	pos	1	1	1	0.4048	1.09125277	0.0075	2.66025641	0.655134	0.86628204	0.49776189	0.94214962	0.25175494	1.20022109	0.3384544	1.19336087	0.28394	1.20428	0.475818882	1.03344905	0.652338059	0.70495606	0.70691775	0.7296467	0.427371	0.97451	0.87590252
hypothetical protein FLJ14868	NM_032853	84939	19p13.3	1427150	neg	0	1	0									0.29508425	1.4164233			0.28356	1.41642									
frequently rearranged in advar	NM_012083	23401	10q24.1	97985545	neg	0	1	0																							
hypothetical protein DKFZp434	NM_031421	83538	17q21.2	39643425	pos	0	1	2			0.64584	0.75817308	0.266354	1.44371848			0.84019593	0.67240516			0.84379	0.67241			0.662366768	0.64953131	0.72658257	0.69960691	0.474528	0.86765	
zinc finger protein	NM_032494	84524	2q13	110209438	neg	1	1	2	0.54568	0.80118174	0.8533	0.6950092	0.094132	1.23284127	0.854104	0.80374483	0.30991267	1.10309192	0.02419026	1.77087871	0.8318	0.79245	0.352301467	1.06524676	0.903582812	0.43817351	0.75828099	0.53268459	0.855552	0.58769	0.60171745
CGI-26 protein	NM_015954	51071	12p12.3	15803878	pos	1	1	2	0.36712	1.11583101	0.20926	1.34475962	0.280365	1.16454884	0.52445917	0.91849271	0.73267569	0.82805013			0.73367	0.82805	0.686743424	0.90656628	0.585356092	0.73315646	0.65188464	0.7808647	0.652886	0.69151	0.38887606
cytoskeleton-associated prote	NM_006825	10970	12q23.3	105742196	pos	1	1	1			0.47251	1.02747585					0.50710875	0.68983175			0.5007	0.68983									
elongator protein 2	NM_018255	55250	18q12.2	33739810	neg	1	1	2	0.32399	1.13733212	0.13306	1.45833333	0.693328	0.91283913	0.7425031	0.79646594	0.31465896	1.14199965	0.69009136	0.55402594	0.26196	1.18346	0.654901363	0.95018223	0.700335156	0.51724285			0.751983	0.60322	0.70937818
homeo box A7	NM_006896	3204	1q44	242893601	neg	1	1	2									0.78324343	0.61305313			0.78564	0.61305									
Mov10l1, Moloney leukemia vir	NM_018995	54456	22q13.33	47080000	neg	1	1	2																							
phosphoinositol 4-phosphate a	NM_032639	84725	7p15.1	29710766	neg	1	1	2	0.21626	1.25629465	0.04441	1.96630952	0.485289	1.00256182	0.47284275	0.95419739	0.35228543	1.21425233	0.34237755	1.21864635	0.47924	1.12423	0.318539258	1.09293907	0.558842623	0.85024903			0.473681	0.92086	
centrosomal protein 2	NM_007186	11190	20q11.22	33801635	pos	1	1	1	0.48896	1.00702529	0.21728	1.31988909	0.167954	1.35299506	0.46775881	0.93900636	0.51244579	0.73738031			0.50621	0.73738	0.802131283	0.87085349	0.568461385	0.61707915			0.591732	0.74468	0.80624775
eukaryotic translation initiatior	NM_016091	51386	22q13.1	34859955	neg	1	1	2	0.71246	0.86361803	0.80746	0.74190511	0.035889	1.33877227	0.58479234	0.94342777	0.38165335	1.05251876	0.19341529	1.19615913	0.6909	0.88783	0.527039181	1.00135012	0.855217172	0.44009536			0.885553	0.5439	0.94625389
CCAAT/enhancer binding prot	NM_005195	1052	8q11.21	47759003	neg	1	1	1																							
peroxisomal biogenesis factor	NM_003630	8504	6q24.2	143395283	neg	1	1	1	0.23481	1.38874901	0.07792	1.85944635	0.402824	1.11858234	0.38725582	1.18547081	0.49273735	1.18484935			0.48587	1.18485	0.555461959	0.96876479	0.534738665	0.50197521			0.514197	0.73775	0.50917636
acid phosphatase 1, soluble	NM_004300	52	2p25.3	258474	neg	1	1	0									0.52252883	0.95261533			0.51661	0.95262									
low density lipoprotein recepto	NM_002335	4041	11q13.3	70603073	neg	1	1	2	0.50328	0.99658806	0.44194	1.03525565	0.232936	1.18123743	0.43557814	1.00943288	0.85901439	0.76544549	0.90664474	0.62449392	0.60194	0.91689	0.43291964	1.03728058	0.031508922	1.55869988	0.08243342	1.64633556	0.017534	2.35442	0.00126836
coatomer protein complex, sul	NM_004766	9276	#N/A	#N/A		1	1	1	0.52928	0.97343297	0.52718	0.9604034	0.586508	0.94348291	0.47891298	0.93039374	0.27943064	1.30707633	0.4985572	0.73840786	0.26772	1.3071	0.540726958	0.99334282	0.76791517	0.60803977	0.68576212	0.77595361	0.759288	0.6085	0.8385537
mitogen-activated protein kina	NM_005456	9479	11p11.2	47691615	neg	1	1	1	0.55211	0.94005306	0.71705	0.74461722			0.66564249	0.80605827	0.60169535	0.95738212	0.37476168	1.07191476	0.80207	0.77954	0.453478602	1.29015257	0.606383254	0.72693103	0.40246623	1.15151515	0.710207	0.63686	0.44337883
hexosaminidase B (beta polyp	NM_000521	3074	5q13.3	72785696	neg	1	1	0	0.27956	1.2290695	0.14386	1.4391924	0.136424	1.24207469	0.44503238	0.99261105	0.72798428	0.83979482	0.45276488	0.79281663	0.72521	0.84086	0.531362248	0.99960016	0.546343177	0.91788791	0.47803161	1.00529101	0.627836	0.70102	0.20396111
hypothetical protein FLJ23263	NM_025115	80185	8p12	33258535	pos	0	1	2	0.83271	0.63601923			0.322332	1.22928576	0.45014996	0.98354095	0.35772819	1.14130697			0.34726	1.14131			0.643245718	0.32262141			0.473965	0.78019	0.50950506
eukaryotic translation initiatior	NM_001969	1983	14q32.32	101191794	pos	1	1	1	0.3397	1.22230274	0.12156	1.69248737			0.39136089	1.17344877	0.47079193	1.02935075			0.46326	1.02935									0.22738419
GDP-mannose pyrophosphory	NM_013335	29926	2q35	218386267	neg	1	1	1	0.90556	0.7064705	0.89982	0.62945814	0.312612	1.07696073	0.15863149	1.27202845	0.60588642	0.94927221	0.03630329	1.91743357	0.93294	0.69851	0.358124601	1.06251915	0.878918674	0.40083843			0.853915	0.57411	0.8020312
tethering factor SEC34	NM_031431	83548	13q14.13	44039037	neg	1	1	2																							
Dmx-like 1	NM_005509	1657	5q23.1	118107373	pos	1	1	2																							
G protein-coupled receptor 10	NM_020960	57720	9q34.11	123930898	neg	1	1	2	0.47912	1.0586676	0.18823	1.40180016	0.318002	1.17684787	0.31691997	1.24700046	0.46243066	1.01387025	0.26690083	1.95280992	0.48234	1.0054	0.3399533	1.1866056							0.27338313
hypothetical protein MGC1033	NM_030575	80772	1p36.33	788920	neg	0	1	0	0.80914	0.74986569	0.77108	0.76477908	0.0696	1.32485543	0.26604565	1.1386501	0.78450675	0.84410818	0.62721818	0.84976072	0.76633	0.84287	0.05926373	1.26706118	0.704950392	0.61151803			0.847479	0.60258	0.41211712
Sec23-interacting protein p125	NM_007190	11196	10q26.12	120570898	pos	1	1	2	0.72224	0.78500307	0.28897	1.28705739	0.225576	1.23394211	0.60685359	0.75491041	0.72536494	0.80190069			0.72614	0.8019	0.497259207	1.03672439	0.711493359	0.55797563	0.83511455	0.52949134	0.641254	0.63955	0.63154983
Wolfram syndrome 1 (wolfram	NM_006005	7466	4p16.1	6167256	neg	0	1	0	0.85246	0.75189208	0.91249	0.61301143	0.162975	1.18726047	0.2145241	1.13699397	0.44239637	1.02248703	0.33855837	1.0679875	0.6375	0.91511	0.320002258	1.09456194	0.811367582	0.61896582	0.72334339	0.78637541	0.635332	0.79177	0.31409679
wingless-type MMTV integratic	NM_030761	54361	1p36.12	22016028	pos	1	1	2																							
cell division cycle 2-like 1 (PIT	NM_001787	984	1p36.33	1124766	neg	0	1	0	0.42945	1.04756357	0.54897	0.94682419	0.039286	1.37212046	0.30689923	1.07689332	0.99908422	0.5551853	0.98866375	0.49993892	0.98886	0.58978	0.325475832	1.08134317	0.334556615	1.01485797	0.82835298	0.69621479	0.65028	0.79118	0.27118319
ribosomal protein L39-like	NM_052969	116832	3q27.3	183636235	neg	1	1	2	0.23055	1.38487031	0.1196	1.54567719	0.651523	0.80492471	0.6352505	0.8358737	0.74097334	0.74978693	0.5307551	0.51736099	0.7412	0.75054	0.340992089	1.15248991	0.00988802	2.57984823	0.14397505	1.78683386	0.00234	7.23839	0.06343399
transmembrane protein induce	NM_031925	83862	7q11.23	74151857	neg	1	1	2	0.55878	0.9351959	0.37082	1.17331309			0.7193552	0.6712909	0.61170606	0.90587341			0.60877	0.90587	0.418149777	1.10954829	0.618939694	0.98685578	0.37655583	1.13466854	0.356533	1.19949	0.30119593
uncharacterized bone marrow	NM_018456	55840	3q13.33	118153303	pos	1	1	1	0.33001	1.14937466	0.39821	1.0827877	0.509475	0.98989089	0.46132501	0.89698166	0.58336587	0.93814212	0.61017637	0.71323473	0.55229	0.95754	0.605522246	0.95996093	0.570596463	0.97684551	0.480746	1.00131752	0.469203	0.88499	0.55604013
reticulon 1	NM_021136	6252	14q23.1	57386757	pos	1	1	2	0.30933	1.2640597	0.0501	2.27561328			0.14947271	1.9431537	0.91067593	0.60587847	0.24426674	2.60996563	0.94639	0.54314	0.303041693	1.33928659	0.321913098	1.00068141	0.38941741	1.13244244	0.312811	1.37255	0.31315373
hypothetical protein MGC1469	NM_032747	84833	10q24.33	104042013	neg	1	1	2			0.42553	1.12606707			0.85146987	0.76649615	0.89936721	0.49246585			0.90351	0.49247			0.902564962	0.43062244	0.91713665	0.51339728			0.24454734
N-myristoyltransferase 2	NM_004808	9397	10p13	15132173	neg	1	1	2																							
Toll-interleukin 1 receptor (TIR	NM_052887	114609	11q24.2	128153486	neg	1	1	2																							
DKFZP434C245 protein	NM_015426	25886	3p21.31	51202172	neg	1	1	0	0.36974	1.10103442	0.05284	1.8011661	0.276034	1.17179446	0.42739073	1.08475488	0.86801872	0.62582045			0.87199	0.62582	0.280576578	1.1530499	0.538988405	0.62568002			0.560368	0.764	0.20549598
CGI-147 protein	NM_016077	51651	17q23.2	57511022	pos	1	1	2	0.55774	0.93848247	0.42706	1.08520115	0.4099	1.1866602	0.3893708	1.07562469							0.541650667	0.96262783							0.53044554
XAGE-5 protein	NM_130775	170627	Xp11.3	43655150	pos	0	1	2	0.84506	0.7176264	0.51861	0.93602794			0.63972094	0.90855469	0.65626169	0.82759817			0.65483	0.8276	0.652320114	0.95116007							
Friend of GATA2	NM_012082	23414	8q23.1	105335614	pos	1	1	2									0.42012813	1.22576412			0.41115	1.22576									
polymerase (RNA) mitochondr	NM_005035	5442	19p13.3	669065	neg	0	1	0																							
hypothetical protein FLJ13215	NM_025004	80071	11q24.2	126824933	neg	1	1	2	0.52779	0.95902323	0.44656	1.23190335			0.36440644	1.23084412	0.41058584	1.11649702			0.40136	1.1165	0.427929756	1.32942419	0.226453499	1.75150595	0.3189857	1.49814471			
tuftelin-interacting protein	NM_012143	24144	22q12.1	23583289	pos	1	1	2	0.5043	0.99357932	0.5014	0.97933231	0.459019	1.03682063	0.4821052	0.73348998	0.38880153	1.21865704			0.37903	1.21866	0.601928059	0.8540527	0.310747603	1.40004118	0.45683842	1.07559108			
FSHD region gene 1	NM_004477	2483	4q35.2	191891606	pos	1	1	2	0.28219	1.15592454	0.93557	0.5893512	0.028744	1.31503087	0.98600433	0.68984706	0.43655904	1.0308415	0.99329003	0.51281736	0.01446	1.59399	0.4347517	1.03208515	0.102494665	1.54072796	0.83105064	0.69928207	0.193202	1.29196	0.62512374
NIMA (never in mitosis gene a)	NM_014397	10783	9q33.3	118134970	pos	1	1	2																							
DNA methyltransferase 1-asso	NM_019100	55929	#N/A	#N/A		1	1	1									0.57989332	0.88279759			0.57588	0.8828									
acidic (leucine-rich) nuclear ph	NM_006305	8125	15q23	64913550	pos	1	1	1					0.467248	1.08922706																	
hypothetical protein FLJ20331	NM_017768	55631	1p31.1	70734517	pos	1	1	2	0.30702	1.27464098	0.13456	1.66447842	0.443125	1.076752	0.67520007	0.6154214	0.13246314	2.05098312			0.12165	2.05098	0.523789901	1.01249367							
lysyl oxidase-like 4	NM_032211	84171	10q24.2	98900697	pos	1	1	2			0.0829	8.12708333			0.67519186	0.53257139	0.96580027	0.33629313			0.9688	0.33629									
hypothetical protein FLJ20420	NM_017812	54927	7q32.3	130812361	neg	1	1	1	0.48109	1.02560999	0.31268	1.50642655	0.211304	1.99181512	0.42799601	1.04271424	0.74254565	0.61441066			0.74383	0.61441			0.613050725	0.86594896	0.69546458	0.65317036	0.277537	1.94353	
mitochondrial ribosomal prote	NM_031420	65005	1q21.3	149572966	neg	1	1	2	0.50994	0.81502079	0.80995	0.71472222	0.908833	0.64111515	0.6862514	0.76678757	0.16755864	1.38964304	0.44774696	0.81925042	0.14368	1.42549	0.603067673	0.81429765	0.296917703	1.17019568	0.68576288	0.66276699	0.275212	1.48235	0.63876172

dystrophin (muscular dystroph	NM 004018	1756	Xp21.2	29640053	neg	1	1	2					0.868014	0.48489519			0.17948165	1.58809189			0.16776	1.58809			0.512733761	0.73075166	0.61806497	0.6010656			
ectodysplasin 1, anhidrotic rec	NM 022336	10913	2q12.3	107416252	pos	0	1	2	0.88808	0.65657013	0.71754	0.77503139	0.975705	0.60087799	0.60696983	0.83453983	0.43634686	1.04800897	0.76973669	0.59198704	0.31471	1.14277	0.727729017	0.80943967	0.551669009	0.88076159	0.44909919	1.04492446	0.464188	0.93095	0.65367886
hypothetical protein MGC1483	NM 032339	84299	17q12	37384889	pos	1	1	2	0.59533	0.9331842	0.52395	0.96711811	0.377697	1.06603747	0.88683907	0.72804048	0.55070843	0.98806364	0.40950417	0.96757761	0.47031	1.01138	0.89306019	0.81363426	0.85576159	0.54560914	0.7766494	0.70666423	0.665012	0.7217	0.66155707
KIAA1309 protein	NM 033495	90293	Xq24	112021716	neg	1	1	2									0.4107842	1.13286552			0.40156	1.13287									
serine/threonine kinase with D	NM 007064	11139	3q21.2	121060375	pos	1	1	2	0.59426	0.92217473	0.48525	0.99878407	0.690343	0.86271835	0.9739943	0.42230432	0.31495809	1.17777754	0.5179496	0.808903	0.30224	1.17981	0.817636736	0.86458644	0.562943518	0.78477345	0.44490438	1.04941036	0.501858	0.84438	0.55327133
SH3-domain GRB2-like endoph	NM 020145	56904	9q34.11	122885660	neg	1	1	2									0.60934498	0.86438302			0.60633	0.86438									
thioredoxin reductase 1	NM 003330	7296	12q23.3	103793878	pos	0	1	1	0.40635	1.0958648	0.47419	1.01061215	0.799075	0.72367668	0.3781373	1.19473925	0.13991587	1.4475125			0.12891	1.44751	0.674713208	0.87570578	0.328914392	1.17847407	0.50284327	0.95959596			0.57641768
immediate early response 5	NM 016545	51278	1q25.3	178581867	neg	1	1	2	0.48515	1.01226739	0.16907	1.42954382	0.89215	0.67130488	0.51340753	0.89098152	0.25797129	1.27267786			0.2461	1.27268	0.535329813	0.99490448	0.319034657	1.1917052	0.40252553	1.14808802	0.412706	1.0173	0.82407334
cystathionine-beta-synthase	NM 000071	875	21q22.3	41021091	neg	1	1	2	0.24934	1.32188494	0.32559	1.23297101	0.617763	0.68364187	0.03251417	1.61127412	0.03404707	1.65272456	0.00605986	2.80437482	0.35529	1.1369	0.255061491	2.51068945	0.839467665	0.52517845	0.30293783	1.19030021	0.889953	0.53041	
steroid dehydrogenase homol	NM_016142	51144	11p12	46055855	pos	1	1	2	0.59036	0.93386462	0.56848	0.93001126	0.263411	1.16817668	0.99901005	0.51935761	0.31138281	1.085202	0.36610628	1.07157049	0.34124	1.10566	0.654553449	0.94023271	0.718933038	0.61418079	0.77635832	0.65894333	0.6429	0.71453	0.83860027
hypothetical protein FLJ13544	NM 025008	80075	1q21.2	148364353	pos	1	1	2									0.45921541	1.04984305			0.45133	1.04984									
Bloom syndrome	NM 000057	641	15q26.1	87894409	neg	1	1	2	0.26115	1.2775688	0.17384	1.41566734	0.986036	0.57120559	0.46330126	0.91548054	0.00319969	2.23030782	0.80127425	0.12972631	0.00159	2.32084	0.50644436	1.02952868	0.601604746	0.77438199	0.44579942	1.04044104	0.425182	0.97891	0.54035998
hypothetical protein FLJ12428	NM 022783	64798	8q24.12	119909658	pos	0	1	2	0.61693	0.91430968	0.5093	0.97677331	0.969914	0.63629551	0.61758388	0.85902116	0.07781315	1.48243232	0.76033245	0.61050806	0.02913	1.72331	0.674174473	0.88401973	0.582005619	0.74786804	0.57406279	0.88482225	0.675487	0.65759	0.69790665
solute carrier family 21 (organi	NM 016354	28231	20q13.33	61151316	neg	0	1	0	0.41567	1.05600354	0.64577	0.87389121	0.961025	0.72599742	0.81542836	0.75903967	0.39031222	1.0557642	0.86338424	0.70835966	0.13054	1.27587	0.000449075	1.63055099	0.007868745	1.93250922	0.05022569	1.81802749	0.012572	2.48785	0.00122398
ankyrin repeat and BTB (POZ)	NM 032548	80325	3q21.3	124222959	neg	1	1	2	0.72418	0.80602173	0.57793	0.90459711	0.827744	0.68958312	0.88343893	0.59840996	0.43940506	1.07635938	0.50171931	0.7960715	0.43094	1.07638	0.646942393	0.8533017	0.579329025	0.98960736	0.39899453	1.12844473	0.412138	1.01254	0.51359931
carbonic anhydrase III, muscle	NM 005181	761	8q21.2	85174260	neg	0	1	2	0.06497	2.51403492	0.15247	1.6264974	0.686242	0.74809016	0.58181587	0.56135425	0.01295414	1.90053859	0.42793393	0.92883053	0.00042	3.54801	0.52063952	1.06157602	0.06747199	2.25981402	0.35970706	1.29607766	0.044405	6.63971	0.7228592
fer (fps/fes related) tyrosine ki	NM 005246	2241	5q21.3	107703338	pos	0	1	2			0.42058	1.11350733	0.604831	0.73455632			0.09913484	2.10653739			0.08949	2.10654			0.364172326	1.12938008	0.56486638	0.77844774			
GDP-fucose transporter 1	NM 018389	55343	11p11.2	47611728	neg	1	1	0	0.24017	1.23053094	0.0613	1.70801082	0.973365	0.59209013	0.46097955	0.94982885	0.42239067	1.02265727	0.40855866	0.97512872	0.09873	1.47734	0.66737616	0.93025334	0.633429085	0.96624857	0.47591904	1.00727775	0.404115	1.02462	0.82071549
putative nuclear protein ORF1	NM 032412	84418	5q31.3	139377235	neg	1	1	2	0.19926	1.280868	0.09717	1.58676471	0.876931	0.76235686	0.34356453	1.09194347	0.00090754	2.94394824	0.46697478	0.82889873	0.00051	3.02803	0.225376179	1.19077307	0.32371321	1.14541588	0.39682561	1.13275613	0.439458	0.95132	0.68208817
hypothetical protein FLJ22116	NM_024624	79677	2p24.2	17732168	neg	1	1	2	0.34496	1.20381233	0.25631	1.3404023	0.518939	0.98086777	0.54906328	0.91205099	0.25802374	1.09239962	0.38680539	1.04095927	0.13783	1.43762	0.441348664	1.1707963	0.373943254	1.03612107	0.45458311	1.03762904	0.342449	1.32264	0.50421764
Werner helicase interacting pr	NM 020135	56897	6p25.2	2750664	pos	1	1	2	0.26983	1.28154844	0.11683	1.72658582	0.937564	0.65674393	0.52785329	0.84845839	0.44922109	1.04334723	0.56859137	0.37330225	0.43755	1.04606	0.426402399	1.08820957	0.787744637	0.78233949	0.9130734	0.50233882	0.392431	1.06654	0.45207287
protein translocation complex	NM 006808	10952	9q22.33	92784838	neg	1	1	2	0.14658	1.37188503	0.07089	1.63698262	0.982781	0.65149371	0.58197972	0.7842974	0.30788242	1.15299782	0.80986541	0.45759322	0.20188	1.26249	0.525771745	1.00219404	0.833476357	0.56379232	0.80964458	0.6686217	0.425625	0.97972	0.71070714
PCTAIRE protein kinase 1	NM 033018	5127	Xp11.23	45880398	neg	0	1	2	0.32825	1.17617882	0.06688	1.72916667	0.991413	0.49176386	0.43429062	1.07680249	0.40977172	1.09222012	0.70034529	0.52034416	0.33842	1.16421	0.678175656	0.84361564	0.808267908	0.81705456	0.92228143	0.52409988	0.334992	1.26158	0.67809621
bromodomain-containing 7	NM 013263	29117	16q12.1	40766358	neg	1	1	2									0.48361819	1.01282329			0.47647	1.01282			0.279750888	1.28974012	0.42363146	1.10291224			
hypothetical protein DC50	NM 031210	81892	14q24.3	75680149	neg	1	1	2	0.3349	1.16181139	0.25447	1.26245955	0.873491	0.70905889	0.7199448	0.69353734	0.16441542	1.48105577	0.63832476	0.27004159	0.1431	1.50871	0.629742934	0.74845514	0.50244159	0.70587836	0.63266522	0.58016388			0.5528989
core promoter element bindinc	NM 001300	1316	10p15.2	3869140	pos	1	1	1									0.20175781	1.55391374			0.18985	1.55391			0.170757202	2.14263912	0.24141986	1.81637807			
protein tyrosine phosphatase,	NM 007050	11122	20q12	40429876	pos	1	1	2			0.41122	1.18990113	0.869527	0.15642777			0.35425268	1.18692349			0.34372	1.18692			0.225228184	1.31796787	0.24429102	1.38561439			
hypothetical protein FLJ23468	NM 024629	79682	4q35.1	186654086	neg	1	1	0	0.19475	1.29519887	0.14191	1.42768091	0.843141	0.8024315	0.46189945	0.98239398	0.28426701	1.19340184	0.63210187	0.60305416	0.24704	1.22604	0.622365561	0.95338573	0.569740893	0.97572309	0.52012543	0.94214876	0.449485	0.9281	0.67562095
growth differentiation factor 11	NM 005811	10220	12q13.2	56061466	pos	1	1	2									0.54959142	0.9150154			0.54457	0.91502									
upstream transcription factor	NM 007122	7391	1q23.3	158721135	neg	0	1	0	0.64925	0.80352617	0.17839	1.85820896	0.564461	0.89727495	0.43886264	1.11129173	0.29974539	1.38417361			0.28828	1.38417	0.484268642	1.4389361							
hypothetical protein FLJ14600	NM 032810	84896	10q23.31	88394458	pos	1	1	0	0.23332	1.51430662	0.20183	1.48512579	0.817608	0.63469299	0.2967346	1.54737618	0.48503878	1.07415913			0.47794	1.07416			0.385929407	1.38076972	0.4744469	1.33658009			
anti-oxidant protein 2 (non-sel	NM_004905	9588	1q25.1	171010446	neg	1	1	2									0.64809142	0.8173765			0.64639	0.81738									
H3 histone family, member J	NM 003535	8356	3q12.1	96448769	neg	0	1	2	0.89016	0.70091571	0.77304	0.76116693	0.700131	0.89865403	0.6017717	0.79357855	0.21389068	1.11484217	0.3709697	1.05247463	0.15263	1.27765	0.812604104	0.85900236	0.851725078	0.56404376	0.79178394	0.70083762	0.657562	0.72851	0.55619606
palmitoyl-protein thioesterase	NM 005155	9374	6p21.33	32148680	neg	0	1	0	0.20436	1.34880363	0.13438	1.63019829	0.907056	0.62822552	0.31687866	1.23545451	0.42127709	1.07424642	0.50093795	0.41819689	0.41233	1.07425	0.520778653	1.0093916	0.009754123	2.77615213	0.01511896	3.52813853	0.094957	2.88235	0.32309222
hexosaminidase A (alpha polyp	NM 000520	3073	15q23	68437827	pos	1	1	2	0.4394	1.06581034	0.17272	1.53348161	0.757785	0.73627763	0.44864443	0.91001886	0.41715519	1.09368989	0.5991414	0.32400084	0.39938	1.10361	0.547017747	0.96963635	0.237668684	1.53847007	0.36336798	1.26803752			
peptidyl-prolyl isomerase G (c	NM 004792	9360	2q31.1	168492849	neg	0	1	2									0.51002717	0.97508241			0.50371	0.97508									
Ser-Thr protein kinase related	NM 003607	8476	1q42.13	225845958	neg	1	1	0									0.4115936	1.12998761			0.40239	1.12999									
partner of RAC1 (arfaptin 2)	NM 012402	23647	11p15.4	7240767	pos	1	1	2									0.64896152	0.77484485			0.64729	0.77484									
ATPase, H+ transporting, lysos	NM_004231	9296	7q32.1	126980165	neg	1	1	2	0.56168	0.95323575	0.58367	0.91307319	0.907068	0.73811958	0.47706062	0.8495072	0.49302377	1.02777057	0.61088746	0.67230935	0.40812	1.24813	0.805511175	0.79095005	0.293130657	1.02074137	0.3521456	1.18538324	0.348833	1.12388	0.80148325
uncharacterized hypothalamus	NM 018477	55860	14q23.1	55990892	pos	1	1	2																							
transcription factor AP-2 alpha	NM 003220	7020	6p24.3	10455943	pos	0	1	2	0.1606	1.3339924	0.23509	1.26448773	0.075451	1.40933553	0.14660473	1.38356321	0.58553509	0.9930109	0.40414748	0.99175205	0.34574	1.16342	0.463009802	1.05573322	0.018796154	1.73990375	0.02905097	2.31564837	0.020628	2.29739	0.43947121
adrenergic, alpha-1B-, recepto	NM 000679	147	5q33.3	159198391	neg	1	1	2									0.60796536	0.87348426			0.60491	0.87348									
hypothetical protein FLJ11011	NM 018299	55284	8q21.11	73757046	pos	1	1	0	0.05603	1.63453151	0.02783	2.30707237	0.995032	0.57841585	0.41402737	1.03636686	0.29846273	1.1772866	0.8034211	0.53013923	0.16526	1.35915	0.483885295	1.02147334	0.994237084	0.14357335	0.99779367	0.18489499	0.618408	0.72228	0.53536685
transcription termination facto	NM 007344	7270	9q34.13	126276200	neg	0	1	2	0.39422	1.08481003	0.30259	1.20096029	0.960851	0.64877435	0.44512616	0.98946081	0.34874003	1.13654967	0.72260497	0.52869052	0.27076	1.21547	0.761994034	0.7865599	0.619723073	0.7256854	0.64092686	0.81813576	0.597528	0.74042	0.85562434
melanocortin 3 receptor	NM 019888	4159	20q13.31	54552217	neg	0	1	2	0.65978	0.88521421	0.87465	0.64662115	0.819723	0.8053003	0.37096743	1.06364688	0.31656615	1.1596176	0.80647954	0.5605894	0.16283	1.37369	0.869533	0.64105444	0.098509618	1.59996931	0.37915438	1.10310696	0.041952	2.16432	0.57816467
putative ring zinc finger protei	NM_016120	51132	Xq13.2	69612414	pos	1	1	1	0.33591	1.11324407	0.69695	0.83465856	0.528506	0.98574859	0.97207202	0.71187303	0.34924701	1.02701983	0.36050272	1.02456884	0.40583	1.04667	0.758937012	0.91903263	0.966852174	0.44780332	0.92472822	0.57178569	0.926308	0.49013	0.98168896
paired box gene 9	NM 006194	5083	14q13.3	34511638	neg	0	1	2	0.09624	1.44736403	0.27407	1.20818754	0.535978	0.98006834	0.47645054	0.97432778	0.06650222	1.61213851	0.50790162	0.84021625	0.05841	1.6134	0.49549102	1.01922455	0.005278337	2.18471316	0.01908681	2.62043512	0.007714	3.15257	0.20438104
gamma-aminobutyric acid (GA	NM 021903	2550	6p22.1	29627489	pos	1	1	2																							
nuclear receptor co-repressor	NM 006311	9611	17p12	16297020	pos	1	1	2	0.07942	1.46771054	0.09333	1.66713378	0.849626	0.84319414	0.71558386	0.81931655	0.3880922	1.07597307	0.64698099	0.67150629	0.34289	1.10305	0.400539611	1.0501283	0.811300136	0.61105429	0.56537343	0.91857048	0.693216	0.72391	0.68664564
copine VII	NM 014427	27132	16q24.3	81575037	neg	0	1	0	0.68095	0.886509	0.9163	0.62039696	0.644413	0.944674	0.99802727	0.6103597	0.1454052	1.15073397	0.18699637	1.15628675	0.25451	1.14233	0.38837799	1.04840433	0.853282947	0.71065513	0.93843537	0.55396718	0.903654	0.53386	0.81141091
hypothetical protein MGC2488	NM_024039	79003	17p13.2	5775183	pos	1	1	2	0.16792	1.32451137	0.10795	1.50454083	0.684731	0.91957931	0.48579824	0.9625913	0.16866176	1.34249248	0.52546268	0.7865964	0.15516	1.34688	0.209464398	1.17724481	0.771869849	0.6201203	0.74572898	0.72678758	0.745542	0.62374	0.58575174
ornithine transporter 2	NM 031947	83884	5q31.3	140498634	neg	1	1	2			0.28068	1.3046732			0.3838968	1.19917507	0.49199575	1.00315777			0.48511	1.00316			0.57402584	0.99108726	0.38163944	1.12001474	0.398332	1.0496	
ribosomal protein L18a	NM 000980	6142	19p13.11	18464606	neg	1	1	2	0.62221	0.86200353	0.25489	1.59135338	0.910718	0.49771985	0.36741543	1.11087542	0.60731845	0.90276027			0.60424	0.90276			0.100182322	2.26767554	0.66089303	0.75598421	0.085787	2.72123	
interleukin 1 receptor-like 2	NM 003854	8808	2q11.2	100667553	neg	0	1	2	0.96073	0.55477439	0.90926	0.58107022	0.962314	0.51252587	0.78914752	0.50201664	0.83599037	0.75612219	0.70569749	0.33941904	0.82264	0.76851	0.935262961	0.6668818	0.198436197	1.11764912	0.29342713	1.26314162	0.019973	2.56607	0.2476451
EH-domain containing 1	NM 006795	10938	11q13.1	67135956	neg	0	1	0	0.11873	1.40926663	0.18995	1.33121181	0.733919	0.8723097	0.57744558	0.87022846	0.52480077	0.99838908	0.40217107	0.99157259	0.05084	1.5809	0.228786422	1.14598787	0.001032978	2.70467001	0.00438566	3.25577201	0.003834	3.96146	0.04909603
hypothetical protein MGC1479	NM 032929	85015	6q16.2	99798339	neg	1	1	2	0.37273	1.0879757	0.67843	0.84779531	0.704176	0.91097719	0.98589178	0.43503727	0.33172713	1.10712663	0.55855799	0.8448964	0.30749	1.11852	0.999680228	0.52693335	0.935793507	0.49159784	0.87856987	0.62335958	0.725089	0.70172	0.84083629
D component of complement (	NM 001928	1675	#N/A	30244		1	1	0	0.21196	1.26325763	0.09676	1.57912821	0.860634	0.75763138	0.21482537	1.49527992	0.75186847	0.82841694	0.71495976	0.66521751	0.69375	0.8602	0.903268655	0.79738473	0.005582678	2.02316335	0.00711207	2.78406051	0.020451	2.37127	0.00752549
retinoic acid receptor respond	NM 002888	5918	3q25.32	155682806	pos	1	1	1	0.33814	1.11352721	0.51582	0.9741784	0.774165	0.8821436	0.9111432	0.76731411	0.53458138	0.98701908	0.7729792	0.74585885	0.38083	1.06304	0.996568955	0.68990219	0.568584187	0.92217075	0.33571535	1.14280621	0.565649	0.86104	0.40462603
solute carrier family 2 (facilitat	NM 030807	66035	22q11.23	20895202	neg	0	1	2					0.618347	0.67193208	0.38236068	1.51963874	0.92839858	0.53521288	0.63264292	0.28776461	0.92849	0.53959			0.27570835	1.18360637	0.24226715	1.35870459			
chromosome condensation 1	NM 001269	1104	1p35.2	28926255	neg	1	1	0	0.6636	0.87058156	0.55472	0.93511513	0.968031	0.62701221	0.47777879	0.93072629	0.60905602	0.9061151	0.69864039	0.41737222	0.56325	0.94196	0.55351782	0.97390615	0.554113931	0.77720878	0.60053987	0.86457104	0.621328	0.70242	0.54878624
cardiotrophin-like cytokine; ne	NM 013246	23529	11q13.3	69746148	neg	1	1	2									0.5716723	0.90069725			0.56739	0.9007									
hypothetical protein FLJ14697	NM_032826	84912	7q33	132321181	pos	1	1	2	0.75521	0.80343274	0.43004	1.04981735	0.978703	0.61868878	0.9718208	0.53009251	0.3773959	1.08871739	0.61505873	0.61611335	0.34914	1.10338	0.660477129	0.90186149	0.766002301	0.54329812	0.82752422	0.53276269	0.716181	0.63994	0.59102024
protein tyrosine phosphatase,	NM 002845	5797	18p11.23	8568864	neg	1	1	2									0.66878556	0.78854905			0.66777	0.78855									
hypothetical protein MGC2603	NM 024037	79000	1p35.3	25640740	pos	1	1	2	0.19261	1.27960254	0.05933	1.70685484	0.772305	0.86411403	0.54177435	0.80071474	0.44357979	1.03281184	0.41838687	0.93877088	0.34911	1.10579	0.519663382	1.00490797	0.297939408	1.15536925	0.31681533	1.23376623	0.578413	0.76078	0.5710125
lysosomal-associated protein	NM 014713	9741	2p24.1	20123691	pos	1	1	2	0.14643	1.40226266	0.13139	1.44720039	0.701091	0.89607017	0.55687828	0.83930622	0.10472456	1.4209042	0.67267239	0.43032907	0.0824	1.45631	0.568608777	0.97170179	0.532140634	0.9445245	0.39166047	1.10200479	0.604818	0.76471	0.47755595
hypothetical protein MGC2495	NM_023934	65991	Xq28	148275437	neg	1	1	0			0.38913	1.91151515	0.289844	1.32799731	0.36704605	1.17745906	0.40281873	1.11257828			0.39339	1.11258			0.530142022	0.91516695	0.58293078	0.85678211			
activated leucocyte cell adhes	NM 001627	214	3q13.11	101874531	pos	1	1	2	0.06133	1.65012412	0.14872	1.39673883	0.705725	0.91213258	0.53462888	0.9556686	0.32353265	1.17480647	0.50681662	0.80795509	0.31221	1.17511	0.670031086	0.95134875	0.170906179	1.35272907	0.05179022	1.91130213	0.428277	0.75862	0.18697118
myeloid/lymphoid or mixed-lin	NM 005933	4297	11q23.3	120663874	neg	1	1	2																							
ADP-ribosylation factor-like 1	NM 001177	400	12q23.2	100928077	neg	1	1	2	0.24727	1.26896884	0.10177	1.62800454	0.816312	0.77115428	0.7558492	0.68728233	0.1747709	1.33050684	0.71248531	0.47504852	0.1288	1.40142	0.699252386	0.82625299	0.341000152	1.10221598	0.42908474	1.08297258	0.490449	0.82353	0.51275843
KIAA0923 protein	NM_014021	117178	1p22.3	85400732	neg	1	1	2					0.737644	0.55277937			0.48326056	1.01117347			0.4761	1.01117			0.177956466	1.4335697	0.16618708	1.57849503			
staufen, RNA binding protein (	NM 004602	6780	20q13.13	47458537	neg	1	1	2	0.91974	0.66265123	0.88066	0.6479441	0.504502	0.99189469	0.94548133	0.66071405	0.52577906	0.99053056	0.30318107	1.14488523	0.72995	0.84482	0.453644657	1.06780986	0.984339485	0.33600353	0.98449594	0.39802195	0.676497	0.70721	0.5986669
protein predicted by clone 237	NM 013300	29902	12q24.11	109930116	neg	1	1	2	0.25827	1.26006467	0.2692	1.23316886	0.921419	0.67982431	0.68413013	0.77641345	0.38853922	1.09441839	0.82495931	0.3406944	0.28632	1.18582	0.581378837	0.94544225	0.538691843	0.79217914	0.63381606	0.81168831	0.495088	0.83582	0.67834527
potassium voltage-gated chan	NM 002232	3738	1p13.3	111630573	neg	1	1	1									0.74235329	0.7048779			0.74364	0.70488			0.798547654	0.42408102	0.9122094	0.39723534			
mitochondrial ribosomal prote	NM 014175	29088	8q11.23	54319656	neg	1	1	2	0.34514	1.18027385	0.125	1.65167224	0.868171	0.65025187	0.39638155	1.06707642	0.18106987	1.30735921	0.80688972	0.0502153	0.15139	1.3359	0.717083209	0.75229609	0.37942296	1.03037043	0.57325202	0.84876117			0.56188284
stomatin (EBP72)-like 1	NM 004809	9399	15q24.1	70296515	neg	1	1	2																							
homolog of mouse BMP-2 indu	NM 017593	55589	4q21.21	79625671	pos	1	1	2																							
protein tyrosine phosphatase,	NM 002837	5787	12q15	70786804	neg	1	1	2	0.86706	0.73705463	0.79442	0.59160639	0.282476	1.09940149	0.94551291	0.68423143	0.36611089	1.06207815	0.21802416	1.45113551	0.45588	1.01939	0.962703329	0.74242024	0.935101747	0.47864516	0.84476384	0.64789959	0.863216	0.52773	0.75069805
hypothetical protein MGC2668	NM 030914	81605	9q34.11	122248340	neg	1	1	2	0.34056	1.12929159	0.28282	1.20891304	0.665573	0.89731472	0.48317026	0.95466667	0.39743556	1.08914233	0.685834	0.51209016	0.34483	1.13045	0.412369478	1.07307139	0.347044864	1.0877622	0.43393501	1.07196083	0.648178	0.70676	0.51561489
HOM-TES-85 tumor antigen	NM_016383	51213	Xq23	109543226	pos	0	1	2	0.87677	0.70373444	0.84071	0.68705556	0.100237	1.25781335	0.66298575	0.85362878	0.26559724	1.15846238	0.18437125	1.76189558	0.35579	1.09165	0.437981118	1.06322127	0.347324312	1.07766492	0.77642587	0.68993506	0.21869	1.32481	0.97792963
C1q and tumor necrosis factor	NM 015645	114902	11q23.3	121209143	neg	1	1	0	0.20755	1.25101722	0.62353	0.89090246	0.895833	0.81262486	0.19833895	1.22074997	0.95729043	0.68240124	0.99589985	0.39988537	0.55125	0.96469	0.957928692	0.7937622	0.045842536	1.35148474	0.00157831	3.96927803	0.148203	1.40336	0.14774579
GTP-binding protein Rho7	NM_005440	8153	17q23.3	62352266	neg	1	1	2			0.54614	0.89845361	0.41715	1.22677571			0.31118051	1.22458447			0.29988	1.22458			0.565008446	0.7718204	0.53909724	0.78512397	0.456512	0.91222	
aristaless homeobox (Drosoph	NM 005169	401	11q13.4	74282968	pos	1	1	2									0.53473736	0.93783002			0.52922	0.93783									
high density lipoprotein bindir	NM 005336	3069	2q37.3	239224080	neg	1	1	0									0.47447767	1.31474511			0.46705	1.31475			0.842855062	0.46251648	0.90367289	0.49141536			
chemokine (C-X-C motif), recei	NM 003467	7852	2q21.3	134526780	neg	1	1	2					0.829702	0.66018201			0.38618751	1.14423706			0.37635	1.14424			0.265076922	1.44928094	0.39898279	1.19158619			
GRB2-associated binding prot	NM 080612	139716	Xq28	147966841	neg	1	1	2									0.54734581	0.9333666			0.54225	0.93337									
integral membrane protein 2B	NM 021999	9445	13q14.2	46807289	pos	1	1	1									0.38518543	1.19249151			0.37533	1.19249									
similar to RIKEN cDNA 120001	NM 080660	92092	7q34	137051325	neg	1	1	2	0.39326	1.07446556	0.63523	0.87945475	0.666106	0.93219782	0.79631295	0.71869674	0.45098066	1.02873826	0.43659311	0.9579555	0.3509	1.11727	0.823934733	0.87176509	0.842755532	0.58199656	0.4446941	1.03737079	0.798445	0.63312	0.72004038
SWI/SNF related, matrix assoc	NM 003078	6604	7q36.1	149182695	neg	1	1	2									0.37218647	1.30335487			0.36203	1.30335									
paired box gene 3 (Waardenbu	NM 000438	5077	2q36.1	221180993	pos	1	1	2	0.00183	2.4454396	0.29837	1.19062275	0.613357	0.95548689	0.01234806	1.45862435	0.28322623	1.09377798	0.03981499	1.41190632	0.85635	0.78918	0.000104757	1.73235911	0.08404181	1.30397803	0.10854875	1.53321499	0.993801	0.24274	0.88010927
synaptotagmin-like 4 (granuph	NM 080737	94121	Xq22.1	95211162	neg	1	1	2			0.09625	1.91662773	0.151385	1.52401554											0.963091373	0.32009707	0.97127868	0.4019087			
cytochrome c oxidase subunit	NM 001862	1329	2q11.2	96144290	neg	1	1	2	0.14089	1.35425995	0.21066	1.30958213	0.785353	0.85643988	0.9076137	0.26356143	0.25326367	1.2229288			0.24136	1.22293	0.563656893	0.98661174	0.593455299	0.91291594	0.4103923	1.08722695	0.477294	0.91349	0.52203138
hypothetical protein FLJ10983	NM 018290	55276	4p14	37830991	neg	1	1	1	0.27538	1.18467831	0.29702	1.1922542	0.671202	0.89332344	0.32581467	1.18897252	0.56377134	0.93786051	0.42715695	0.88785013	0.51438	0.97943	0.305915073	1.18764643	0.307949121	1.04426888	0.47459089	1.00776101	0.287481	1.2549	0.97499081
SAC2 suppressor of actin muta	NM 022553	6293	6p21.32	33221391	pos	0	1	2	0.63927	0.85197687	0.48687	0.99686251	0.451331	1.02917573	0.5287108	0.82563425	0.1559589	1.42495378	0.70049018	0.25988111	0.12753	1.46751	0.516782193	1.02045339	0.29802289	1.08582165	0.65020307	0.73033289	0.26982	1.55017	0.61780427
ribosomal protein L31	NM 000993	6160	2q11.2	99482872	neg	1	1	2	0.2899	1.17964433	0.21591	1.28629159	0.310647	1.08621235	0.57240934	0.92484722	0.43780444	1.04251063	0.5283609	0.67731718	0.42805	1.04333	0.364748149	1.11272559	0.689191966	0.59452641	0.65089655	0.79046495	0.755708	0.57261	0.55221511
mitochondrial ribosomal prote	NM 004927	740	11q13.1	67405540	neg	1	1	1	0.38973	1.08161661	0.31673	1.15795183	0.845863	0.70742356	0.49341221	0.94606387	0.40749719	1.26972779	0.49171851	0.59002002	0.39783	1.27102	0.567625218	0.98212532	0.983476505	0.29133156	0.99040493	0.32993372	0.773706	0.56977	0.80287838
hypothetical protein	NM 017546	55571	2q11.2	99733548	neg	1	1	1					0.923269	0.12538713			0.20669084	1.6200037			0.19475	1.62			0.196719142	1.97998276	0.27772726	1.67792208			
calcium binding protein P22	NM 007236	11261	15q15.1	36891160	neg	1	1	2	0.17722	1.28139593	0.31977	1.15342071	0.98703	0.69432788	0.54257402	0.89080511	0.31079318	1.11494898	0.86587974	0.61101786	0.11989	1.31618	0.848537653	0.85703098	0.779218157	0.60399159	0.48259719	0.99876314	0.808636	0.60735	0.70895341
ARP1 actin-related protein 1 h	NM 005735	10120	2q11.2	96154200	neg	1	1	2																							
mitochondrial ribosomal prote	NM 033281	92259	5q13.2	68665605	pos	1	1	2	0.35987	1.19659697	0.17738	1.46711268	0.883065	0.72720087	0.45783341	0.9378816	0.7513747	0.74518677			0.75292	0.74519	0.471614532	1.09296759	0.318328328	1.15216931	0.39302742	1.14466089	0.589606	0.60478	0.72432398
guanylate cyclase 1, soluble, a	NM 000855	2977	11q22.3	108716299	pos	1	1	2			0.65405	0.7306338	0.531686	0.9515214			0.67616333	0.77188432			0.67539	0.77188			0.0702859	1.80155023	0.02588581	2.41269841			
suppressor of Ty 5 homolog (S	NM 003169	6829	19q13.2	40577368	pos	1	1	1			0.24554	1.42266983	0.732297	0.68579743	0.22696074	2.22460373	0.66406065	0.79451504			0.66289	0.79452			0.249582651	1.38973075	0.38039145	1.18807119			
hypothetical protein MGC3067	NM 024295	79139	8q24.13	123021272	neg	1	1	1																							
hypothetical protein FLJ20584	NM 017891	54991	1p36.33	545382	neg	0	1	0	0.40273	1.11688505	0.55477	0.94244504	0.704629	0.91245724	0.49585742	0.88966734	0.60306741	0.93715575	0.55875587	0.55605158	0.59634	0.93921	0.060248976	1.27273316	0.702066977	0.86411793	0.73312898	0.78379584	0.725076	0.72175	0.75320684
H3 histone family, member I	NM 021018	8968	6p22.2	26307941	neg	0	1	2	0.56154	0.91446536	0.30175	1.54831804	0.5991	0.74692406	0.55720495	0.81026047															
2'-5'-oligoadenylate synthetase	NM 006187	4940	12q24.13	112271438	neg	1	1	2	0.25434	1.24652987	0.20335	1.33722222	0.493334	0.99764307	0.30507687	1.22323974	0.54071642	0.94980338			0.5354	0.9498	0.678089524	0.84825271	0.471413439	1.00657653	0.41306253	1.10132805	0.341074	1.17248	0.41753683
ubiquitin-activating enzyme E1	NM 003334	7317	Xp11.23	45856158	neg	1	1	1																	0.240767255	1.82122308	0.32843491	1.56886324			
protein kinase, lysine deficient	NM 018979	65125	12p13.33	715673	neg	1	1	2																							
potassium channel, subfamily	NM 004823	9424	19q13.2	39425016	pos	1	1	2	0.47558	1.01760363	0.36539	1.11797694			0.98270932	0.56499049	0.52844167	0.91289186	0.45485429	0.67811552	0.49819	0.99181	0.731430865	0.87409854	0.769125811	0.64501986	0.71999762	0.76631443	0.482551	0.90259	0.56508471
dual specificity phosphatase 1	NM 003584	8446	2p13.1	73998804	neg	1	1	2	0.20102	1.44173541	0.12959	1.78911111			0.29537526	1.30494029	0.20039776	1.38511788			0.18849	1.38512	0.459351387	1.57686616	0.502390323	0.70837908	0.70206194	0.5707218			
forkhead box E3	NM 012186	2301	1p33	47507961	pos	0	1	2																							
calcium channel, voltage-depe	NM 000068	773	19p13.2	13650685	pos	1	1	0									0.606286	0.89306552			0.60317	0.89307			0.511142347	0.88333004	0.59734019	0.83556655			
homeo box B9	NM 024017	3219	17q21.32	46409662	pos	1	1	2									0.45626331	1.04984305			0.4483	1.04984									
ras homolog gene family, mem	NM 019034	54509	12q24.31	121070605	neg	1	1	2	0.55283	0.9532011	0.25522	1.28617063	0.432432	1.14084445	0.29652741	1.20244543	0.61946057	0.90195632	0.60708002	0.62896598	0.59752	0.91612	0.500872319	1.0260568	0.108812307	1.54132227	0.04054043	2.03721224			0.16972746
grancalcin, EF-hand calcium b	NM 012198	25801	2q24.2	161254370	neg	1	1	2	0.16028	1.37552008	0.12424	1.49733228	0.749757	0.856828	0.63645795	0.81470232	0.24242375	1.2235525	0.73816858	0.45186758	0.18423	1.28694	0.581141935	0.97213694	0.162317893	1.51905652	0.14944555	1.67198921	0.585471	0.63636	0.35456938
isocitrate dehydrogenase 3 (N	NM 005530	3419	15q24.3	74520344	neg	1	1	2																							
FYVE and coiled-coil domain c	NM 024513	79443	3p21.32	45200239	pos	0	1	2	0.32564	1.2704891	0.12526	1.55385945	0.856405	0.76591128	0.40635268	1.04264618	0.58923737	0.92296788			0.58554	0.92297	0.414082511	1.09208686	0.293650874	1.28599747	0.33274247	1.30687831	0.706946	0.47381	0.37902856
golgi autoantigen, golgin subf	NM 002077	2800	9q33.3	118755367	pos	1	1	2	0.26754	1.18448341	0.46917	1.01398213	0.942333	0.79028351	0.77729302	0.86149243	0.27083035	1.16275616	0.52514911	0.91891524	0.25224	1.17134	0.96048028	0.79414804	0.889350885	0.44095452	0.59538294	0.79124579	0.917441	0.50267	0.95556646
jun D proto-oncogene	NM 005354	3727	19p13.11	18884417	neg	1	1	2																							
NADH dehydrogenase (ubiquir	NM 002494	4717	4q31.1	141116502	neg	1	1	2	0.22535	1.38135673	0.2933	1.24255162	0.405307	1.0631643	0.99999999	0.32005498	0.38630492	1.12329478			0.37647	1.12329	0.496446766	1.25151877	0.536035022	0.92213625	0.57764387	0.86363636	0.510669	0.81176	0.69632883
protein kinase C-like 2	NM 006256	5586	1p22.3	89626762	neg	1	1	2	0.18871	1.39822976	0.04255	2.00583333			0.43298008	1.01684931	0.27445468	1.26619552			0.26271	1.2662	0.389523614	1.1679326	0.713147526	0.24942391	0.8747251	0.20774758			
chromosome 20 open reading	NM 016436	51230	20q11.22	34147897	pos	1	1	0	0.24219	1.26457071	0.42683	1.05894703	0.999611	0.31404124			0.14037098	1.35605212			0.12935	1.35605	0.457388635	1.08188142	0.046476691	1.87058386	0.11060901	2.19336219	0.0553	2.7162	0.18791012
hypothetical protein FLJ10111	NM 017999	55072	14q11.2	21989148	neg	1	1	2	0.24551	1.20880119	0.2476	1.23803357			0.54675744	0.93615343	0.65029898	0.74442236	0.65241758	0.73065496	0.49479	0.96197	0.365077973	1.08237288	0.560385241	0.86410679	0.47057704	1.08421881			0.48252495
hypothetical protein FLJ10193	NM 018019	55090	17p11.2	17695285	neg	1	1	2	0.43104	1.0584459	0.59608	0.87820207					0.55327895	0.73422166	0.4927393	0.83293601	0.54811	0.72791	0.930669355	0.61027518	0.285744776	1.06226382	0.48069901	1.00640552	0.097091	1.6669	0.20752142
hypothetical protein FLJ10482	NM_018107	55147	14q11.2	20742420	neg	0	1	2	0.68502	0.72951406	0.63189	0.85953467			0.58460882	0.91793047	0.89438204	0.55049346			0.89852	0.55049			0.524092059	0.77087937	0.55397397	0.74835001			
quinone oxidoreductase homo	NM 004881	9540	2p23.3	24216331	neg	0	1	2	0.70576	0.75836204	0.24717	1.3498993					0.34021657	1.23210836			0.32941	1.23211	0.520849324	1.02912422	0.555108185	0.88647534	0.56490803	0.72416714			
suppressor of G2 allele of SKP	NM_006704	10910	13q14.3	51194435	neg	1	1	2									0.52722806	0.9405745			0.52147	0.94057			0.184441815	3.68713191	0.25968129	2.53607504			
cell growth regulatory with rin	NM 006568	10668	14q22.2	52300714	pos	1	1	1			0.40765	1.19235075					0.52700887	0.96342489			0.52124	0.96342			0.96433139	0.08790199	0.96408736	0.12267408			
splicing factor 3b, subunit 3, 1	NM 012426	23450	16q22.1	61259697	neg	1	1	2	0.55868	0.9473664	0.16703	1.42944444			0.44844255	0.94901894	0.41482816	1.07327594	0.63812433	0.38293974	0.39019	1.08669	0.52902143	1.00215879	0.360855298	1.17154348	0.43022753	1.17604618	0.630659	0.5615	0.37113794

hypothetical protein FLJ10597	NM_018150	55182	1p34.1	44825423	neg	1	1	2																							
SRY (sex determining region Y	NM_004189	8403	3q22.3	134468423	pos	1	1	2	0.08264	1.68256012	0.18735	1.39481857	0.241165	1.24196603	0.36657114	1.1237627	0.29399127	1.229239			0.28246	1.22924			0.002182587	2.72112426	0.00239777	3.93035235	0.048422	2.50746	0.19379841
solute carrier family 35 (CMP-s	NM_006416	10559	6q15	88129030	neg	1	1	2	0.88225	0.71504473	0.5816	0.92070666	0.691449	0.8916349	0.85001609	0.66612954	0.53595035	0.97040686	0.47589036	0.87061609	0.52674	0.9736	0.450002844	1.04247388	0.85290579	0.52649923	0.70469406	0.73043872	0.811179	0.58085	0.57236722
pyruvate dehydrogenase kinas	NM_002612	5166	7q21.3	93750041	pos	1	1	2	0.27203	1.19263024	0.21742	1.29089862	0.842042	0.83651782	0.24465665	1.14822628	0.30780382	1.15886085	0.48312393	0.86695493	0.29464	1.16112	0.301841019	1.11226393	0.299073525	1.14532144	0.24074227	1.33319062	0.439673	0.77647	0.53625613
cadherin 15, M-cadherin (myot	NM_004933	1013	16q24.3	80558321	neg	1	1	1																							
amphiregulin (schwannoma-de	NM_001657	374	4q13.3	75300075	pos	1	1	2																	0.722832166	0.14426829	0.88068161	0.11863137			
C1q and tumor necrosis factor	NM_030968	114897	17q25.3	76669418	neg	0	1	0	0.60913	0.92746936	0.79482	0.74909354	0.997397	0.53868772	0.34530543	1.04898244	0.45279854	1.02549296	0.86047568	0.68518086	0.20638	1.18946	0.715313703	0.9252377	0.202986345	1.10328773	0.2436047	1.26329787	0.153743	1.3842	0.33520661
RGC32 protein	NM_014059	28984	13q14.11	40032040	neg	1	1	2	0.09123	1.68694311	0.04362	1.7853392	0.732819	0.8695394	0.42310491	1.01096805	0.78182928	0.80714595	0.88201152	0.52937373	0.58494	0.93441	0.401807038	1.05013952	0.041670595	1.53465571	0.02214031	2.31418299	0.11373	1.65858	0.0797883
kinesin-like 4	NM_007317	3835	16p11.2	28605670	neg	1	1	2	0.26164	1.19219998	0.25261	1.23274696	0.993033	0.50253451	0.47931918	0.97672599	0.1545157	1.3098571	0.5831908	0.75281965	0.13021	1.3365	0.252552926	1.14021761	0.125642956	1.29657327	0.20298774	1.45114409	0.2261	1.34097	0.58951638
glutamate decarboxylase 1 (br	NM_000817	2571	2q31.1	169724966	neg	1	1	2	0.20404	1.35085847	0.16077	1.45158991	0.997286	0.4174428	0.59734317	0.8118257	0.34735951	1.21248765			0.33668	1.21249	0.536123096	0.99520597	0.105048843	2.41324672	0.13537932	2.18479437	0.561915	0.72941	0.50926504
embryonic ectoderm developn	NM_003797	8726	11q14.2	88283010	neg	1	1	2	0.22858	1.31994522	0.23176	1.37094527	0.980214	0.35081983	0.59469632	0.53518539	0.31241448	1.22726376	0.62263802	0.48260093	0.28025	1.2612	0.748281652	0.76879635	0.490023725	0.85114144	0.5328049	0.92121212			0.48826821
H2B histone family, member S	NM_017445	54145	21q22.3	41494976	neg	0	1	0	0.89733	0.64538676	0.96034	0.49314571	0.98884	0.4847306	0.6742705	0.79967254	0.01284515	1.52103335	0.14623925	1.34958274	0.01635	1.64923	0.399959742	1.18420673	0.243224301	1.17372485	0.43061962	1.05024903	0.124349	1.54137	0.27726322
hypothetical protein FLJ13952	NM_024798	79856	15q22.31	60230806	neg	1	1	2																							
zinc finger protein 297	NM_005453	9278	6p21.32	33284337	pos	1	1	2	0.67254	0.88863393	0.88406	0.66129603	0.998896	0.51693485	0.98409681	0.67075543	0.63674894	0.92481789	0.52615108	0.92319279	0.63229	0.92488	0.85998577	0.86346604	0.81995001	0.61048698	0.70486378	0.78370133	0.84761	0.5825	0.7783196
nuclear RNA helicase, DECD v	NM_005804	10212	19p13.12	14874587	pos	1	1	2	0.83751	0.75890496	0.9106	0.62596164	0.99678	0.45556996	0.49975617	0.94744739	0.28577938	1.11203121	0.28936116	1.18464949	0.36627	1.077	0.863928779	0.84333853	0.871560343	0.57630654	0.79327018	0.73132337	0.629341	0.76165	0.78325618
hypothetical protein FLJ21952	NM_022494	64429	10q25.2	113083242	neg	1	1	2	0.3055	1.1474982	0.37987	1.09108615	0.999662	0.50908042	0.42985903	1.00988732	0.74826273	0.69612262	0.85149699	0.41131646	0.50785	0.98645	0.999999981	0.22516111	0.378965334	1.0576258	0.31351735	1.24899792	0.726303	0.6481	0.55301051
ret finger protein	NM_030950	5987	6p22.1	28928361	pos	1	1	2	0.62994	0.91616433	0.69248	0.83477011	0.890388	0.75003857	0.95269101	0.66217033	0.34281095	1.06212695	0.32267971	1.10395312	0.42878	1.03317	0.975423389	0.68593102	0.934152324	0.49367564	0.82440716	0.67674941	0.781719	0.64884	0.69866497
hypothetical protein FLJ10761	NM_018208	55224	1q32.1	201824201	neg	1	1	1									0.295616	1.38417361			0.2841	1.38417									
mannosyl (alpha-1,6-)-glycopro	NM_002408	4247	14q21.3	47409355	pos	1	1	2																							
trans-golgi network protein 2	NM_006464	10618	2p11.2	85444418	neg	1	1	1									0.53655681	0.94379951			0.5311	0.9438									
cofilin 1 (non-muscle)	NM_005507	1072	11q13.1	68156567	neg	1	1	1	0.11986	1.61987041	0.05372	2.24139151			0.2941875	1.30942109	0.27445856	1.29451933			0.26271	1.29452	0.432939789	1.17470511	0.504901541	0.81794528	0.67023142	0.66158479			
exonuclease 1	NM_130398	9156	1q43	239985061	pos	1	1	2	0.37021	1.12947792	0.12224	1.7679	0.950528	0.52177801	0.44304621	1.00012125	0.18892987	1.48089182	0.50588633	0.59242829	0.17705	1.48109	0.447929134	1.20471042	0.38834032	1.13008445	0.48384575	0.94767551			
suppressor of Ty 4 homolog 1	NM_003168	6827	17q23.2	56166764	pos	1	1	2																							
serine/threonine kinase 22C (s	NM_052841	81629	1p35.1	32596002	pos	1	1	2									0.69972426	0.70578963			0.69971	0.70579									
translocase of outer mitochon	NM_006114	10452	19q13.32	46039232	pos	1	1	2									0.78352236	0.65629717			0.78592	0.6563			0.497795875	0.82678101	0.6842399	0.67685786			
BTG family, member 3	NM_006806	10950	21q21.1	15630130	pos	1	1	2									0.44743938	1.0759461			0.43922	1.07595									
POU transcription factor	NM_014352	25833	11q23.3	122116607	neg	1	1	2			0.45386	1.07592593					0.89658027	0.54021159			0.90072	0.54021									
DKFZP564M082 protein	NM_014042	25906	11q13.4	74152810	pos	0	1	2																							
carboxylesterase-related prote	NM_016280	51716	16q12.2	46062081	pos	0	1	0	0.55067	0.96495836	0.74759	0.78760591	0.97637	0.58929782	0.28129894	1.35942442	3.2715E-08	3.102515	8.2783E-05	3.36279057	1.7E-05	2.94324	0.410534816	1.05278779	0.823104236	0.6365495	0.59192192	0.9047619	0.760662	0.67965	0.33004828
T-box 22	NM_016954	50945	Xq21.1	74823508	pos	0	1	2	0.22253	1.62235757	0.24537	1.24180928	0.998601	0.50652182	0.0003574	1.85961986	0.12617117	1.21426372	0.00144144	1.94584191	0.9196	0.71862	0.970132194	0.64030869	0.388585497	1.05379314	0.2439881	1.25520609	0.992454	0.25919	0.94537699
chromosome 6 open reading fr	NM_005452	9277	#N/A	9376290		0	1	2	0.49309	1.00517325	0.45235	1.0298633	0.995777	0.51800679	0.81597766	0.71895584	0.20006875	1.30382493	0.70982175	0.31366332	0.16509	1.34319	0.649427967	0.9219333	0.651877205	0.75711855	0.66370674	0.80537518	0.45173	0.93676	0.84853569
prostaglandin E receptor 3 (su	NM_000957	5733	1p31.1	71442145	pos	1	1	2	0.06178	1.83449041	0.12639	1.60021186	0.99247	0.46569693	0.34085039	1.23283868	0.24166786	1.57804643			0.22971	1.57805	0.131823137	1.72074047	0.044817933	2.93092108	0.04903033	2.82572266			
hypothetical protein FLJ22729	NM_024683	79736	17q11.2	30078704	neg	1	1	2			0.21795	1.45660311					0.69658123	0.77014651			0.69647	0.77015			0.577639465	0.99569638	0.57667936	0.82251082			
spinal cord-derived growth fac	NM_025208	80310	11q22.3	105971141	pos	1	1	2	0.01804	2.15733705	0.04707	2.0117619	0.998292	0.35511659	0.1463465	1.51099116	0.25827666	1.50171524			0.2464	1.50172	0.015389068	1.70561602	5.28079E-05	5.69566337	0.00125301	4.88023088	0.000187	22.8371	0.02551403
myeloid leukemia factor 1	NM_022443	4291	3q25.32	155550846	pos	1	1	2	0.28373	1.26418158	0.21897	1.4004644			0.55608852	0.75218315	0.42620853	1.08313933			0.41739	1.08314	0.272914989	1.54507296	0.000303886	5.88353432	0.01256208	4.07142857	0.001105	12.3171	0.04533554
WEE1+ homolog (S. pombe)	NM_003390	7465	11p15.4	10232698	pos	0	1	2									0.4902507	1.0066903			0.48331	1.00669									
MAP kinase-interacting serine/	NM_003684	8569	1p33	46717224	pos	1	1	1	0.16569	1.33004641	0.3774	1.09712644	0.724337	0.87410009	0.97236118	0.5697779	0.38973555	1.03840992	0.38522438	1.03683115	0.43833	1.21732	0.701603948	0.90952195	0.233547339	1.31300225	0.20124655	1.49317349	0.721111	0.59191	0.50621138
eukaryotic translation initiation	NM_003757	8668	1p35.1	32503343	pos	0	1	1									0.46414155	1.04097421			0.45641	1.04097			0.535302938	0.82185372	0.6512924	0.57282004			
cat eye syndrome chromosom	NM_033070	27440	22q11.1	14562795	cen	1	1	2																							
hypothetical protein FLJ13154	NM_024598	79650	16q13	48430794	neg	0	1	0			0.13299	1.43702175	0.897495	0.7104217	7.2927E-05	2.08063967	0.17256166	1.17592128	0.00603254	1.71320063	0.92347	0.69668	0.006837519	2.2893892	0.318948654	1.12476067	0.13923707	1.44854783	0.986783	0.30858	0.7194468
G protein-coupled receptor MF	NM_054031	117195	11p15.1	19279563	neg	0	1	0	0.87496	0.73945305	0.99586	0.35116394	0.843696	0.8266464	0.52240256	0.96492044	0.45743136	1.02028478	0.11569887	1.3049632	0.84865	0.79293	0.062089875	1.27056486	0.206300968	1.21715387	0.54577716	0.94452228	0.411556	1.00582	0.5012133
methyltransferase-like 1	NM_005371	4234	12q13.3	57763872	neg	1	1	2	0.00677	2.01159187	0.11196	1.48292088	0.998156	0.54068747	0.28251405	1.09456787	0.26753845	1.07680405	0.26637579	1.08666943	0.40452	1.05239	0.632652174	0.96446052	0.393892885	1.02143609	0.12565922	1.51082251	0.751057	0.66692	0.12271716
pumilio homolog 1 (Drosophila	NM_014676	9698	1p35.2	31198596	neg	1	1	2	0.00228	2.27115515	0.2142	1.28545597	0.965205	0.67199382	0.03545749	2.27273559	0.48584202	1.00842153	0.02198744	1.5100234	0.99049	0.56078	5.61797E-05	1.95160571	0.357076242	1.08320287	0.16226249	1.39685028	0.98891	0.29286	0.93713275
chromosome 9 open reading fr	NM_018956	11092	9q34.13	126778578	neg	1	1	2	0.60564	0.92512923	0.27476	1.20923115	0.794238	0.85884615	0.36390332	1.08733254	0.67311229	0.80418061	0.76989704	0.60815866	0.44818	1.09686	0.603813192	0.96739972	0.594750342	0.86189308	0.44695379	1.53254153	0.800816	0.5857	0.26129045
breast cancer anti-estrogen re	NM_014567	9564	16q23.1	66192995	pos	1	1	0																							
hypothetical gene MGC19595	NM_033415	93436	19p13.11	19638783	neg	1	1	2																							
3-hydroxybutyrate dehydroger	NM_004051	622	3q29	194820338	neg	1	1	2	0.89023	0.64242701	0.77823	0.71826923	0.378478	1.19581964			0.5123422	0.99570979			0.4939	0.99571			0.597314556	0.66677624	0.59451267	0.86877706	0.655835	0.54902	
hypothetical protein FLJ20005	NM_017617	4851	9q34.3	130456693	neg	1	1	0	0.03213	1.65056263	0.14926	1.39337254	0.633952	0.93023256	0.50260439	0.96730407	0.60003512	0.98462533	0.41174246	0.98559895	0.548	0.96737	0.316621423	1.08429266	0.273135825	1.07133013	0.46854976	1.02378406	0.286232	1.15115	0.21107978
KIAA0586 gene product	NM_014749	9786	14q23.1	56218159	pos	1	1	2									0.5407992	0.94732152			0.53548	0.94732	0.370915834	1.16880279							
chromosome 20 open reading	NM_080607	128434	20q11.23	36259991	neg	1	1	2									0.33368454	1.28419449			0.32275	1.28419									
reticulon 4	NM_007008	57142	2p16.1	55237223	pos	1	1	0	0.04236	1.59421639	0.17932	1.33490153	0.811309	0.84660114	0.60940347	0.84085303	0.38079056	1.08365563			0.37083	1.08366	0.975201437	0.7438428	0.244525704	1.24617367	0.2102259	1.43138247	0.580044	0.74034	0.42172087
KIAA0795 protein	NM_025010	23276	3p21.31	47113196	neg	1	1	2	0.26082	1.19303876	0.13254	1.44534042	0.779556	0.81450857	0.1443707	1.25919391	0.44478266	1.03713946	0.45240645	0.8896485	0.42344	1.04633	0.78982316	0.88044026	0.57263858	0.99087117	0.36825967	1.13095238	0.664332	0.6348	0.47005636
H2B histone family, member R	NM_021058	8970	6p22.1	27157666	pos	1	1	1	0.52776	0.96351028	0.58994	0.88328936					0.58044209	0.90688637			0.57645	0.90689			0.301272654	1.22900084	0.46514717	1.02813853			
thyroid hormone receptor-asso	NM_005481	10025	#N/A	464320		0	1	0	0.83149	0.77119417	0.8459	0.49074119	0.167275	1.17676467	0.00659525	1.4971902	0.81721727	0.85856671	0.12443154	1.29430802	0.99601	0.51703	0.000775958	1.73830895	0.383771637	1.065355	0.17601405	1.43287058	0.976111	0.36473	0.45032341
cadherin 8, type 2	NM_001796	1006	16q21	52117865	pos	1	1	2									0.65119543	0.77484485			0.64959	0.77484			0.576840754	0.98719363	0.58208199	0.68542569			
ataxia telangiectasia mutated (	NM_000051	472	11q22.3	110302960	pos	1	1	2	0.17309	1.55380432	0.0947	1.83926342	0.642323	0.87140735	0.85805853	0.46292053	0.22091744	1.33249263			0.20894	1.33249	0.374942855	1.29253788	0.268629468	1.26132014	0.3694808	1.17840493			
hypothetical protein DKFZp564	NM_032124	84064	18q21.1	44939064	neg	1	1	2	0.27101	1.18678173	0.29352	1.18534934	0.800578	0.75535768	0.72529068	0.83755839	0.26582469	1.1724128	0.87997051	0.44055705	0.12797	1.33748	0.773556958	0.88889787	0.808637513	0.57201412	0.62697483	0.84370956	0.872648	0.51192	0.74935429
chromosome 14 open reading	NM_007176	11161	14q24.3	73621863	neg	1	1	1	0.29546	1.16887717	0.14179	1.4300472	0.982584	0.69017774	0.41025664	1.02705637	0.31760302	1.14368219	0.47915952	0.8650456	0.30383	1.14663	0.516990762	1.00661615	0.808278275	0.58761205	0.46593896	1.01604278	0.809089	0.57014	0.89786039
apoptosis related protein APR-	NM_016085	51374	2p23.3	27356543	neg	1	1	2																							
PR domain containing 8	NM_020226	56978	4q21.21	80993452	pos	1	1	2	0.10737	1.45979262	0.29595	1.18729524	0.964696	0.72629753	0.16875919	1.17898474	0.15725169	1.3170022	0.69937654	0.62780507	0.10328	1.41204	0.420368839	1.06139251	0.00048492	2.95458776	0.00316218	3.54764283	0.003678	3.58926	0.01253708
NADH dehydrogenase (ubiquin	NM_004541	4694	Xq24	113823522	neg	1	1	2	0.32524	1.21692828	0.23803	1.30961829	0.323414	1.09541438	0.31426535	1.08636901	0.12771926	1.90944699			0.11704	1.90945	0.539299161	0.98441104	0.992661486	0.15695789	0.99838039	0.17625232			0.99979454
serine hydroxymethyltransfera	NM_004169	6470	17p11.2	18476287	neg	1	1	1	0.53472	0.97690369	0.84467	0.70540839	0.577054	0.96806335	0.99257871	0.60908179	0.50649163	0.99999927	0.08891286	1.33546466	0.48807	0.99986	0.999774724	0.59864089	0.96711987	0.44782809	0.94382449	0.5388864	0.952786	0.43285	0.99264564
phosphoinositol 3-phosphate-	NM_019012	54477	12p12.3	19517582	pos	1	1	0																							
ventral anterior homeobox 2	NM_012476	25806	2p13.3	71137211	neg	1	1	2																	0.160990991	2.74388329	0.25559056	1.8963444			
methyl-CpG binding domain pr	NM_015847	4152	18q21.1	47893520	neg	0	1	0	0.88433	0.60599886	0.78603	0.65526316	0.904204	0.60691947	0.60460287	0.81007922	0.50667571	0.99039021			0.50025	0.99039			0.325405446	1.11758929	0.38800155	1.13095238	0.589274	0.62812	0.27145603
thioredoxin interacting protein	NM_006472	10628	1q21.1	143959036	neg	0	1	2	0.52314	0.97698369	0.19109	1.45353234	0.744905	0.70154713	0.5132432	0.89606421	0.34778016	1.14760208			0.33711	1.1476	0.24105703	1.5665251	0.280170434	1.24363383	0.3527627	1.21881149	0.577218	0.722	0.48160437
flavohemoprotein b5+b5R	NM_016230	51167	6q14.2	84515739	neg	1	1	2	0.15921	1.44246397	0.16286	1.56522491	0.979691	0.58893328	0.66170415	0.7493201	0.36098601	1.21142286	0.74591221	0.16532023	0.3036	1.29873	0.606945624	0.85337114	0.558463659	0.95211094	0.6081405	0.78751036			0.75232068
phosphoserine aminotransfera	NM_021154	29968	9q21.2	71970908	neg	1	1	2			0.20129	1.30182022	0.99854	0.62827965	0.57622012	0.92074413	0.6337762	0.94055298	0.91757808	0.55129817	0.38917	1.05836	0.57432252	0.9845891	0.890859269	0.53949332	0.50161626	0.98120177	0.953918	0.41333	0.81419643
hypothetical protein FLJ20208	NM_017712	54858	19p13.11	18945297	neg	1	1	2									0.78351243	0.72328961			0.78591	0.72329			0.545327263	0.77078345	0.68025806	0.742913			
E-1 enzyme	NM_021204	58478	4q21.22	83276376	neg	1	1	2																							
diaphanous homolog 2 (Droso	NM_007309	1730	Xq21.33	91184649	pos	0	1	2	0.48862	1.00810494	0.46505	1.01800198	0.739238	0.87908161	0.67967783	0.83816457	0.62307218	0.91584553	0.28963445	1.2844349	0.80296	0.72915	0.08953082	1.53410172	0.397734774	1.01215084	0.19492262	1.36177288	0.866507	0.45205	0.53715336
KIAA1116 protein	NM_014892	22828	6q25.2	154615948	pos	1	1	2																							
SPRY domain-containing SOCS	NM_080862	92369	3q23	137686425	neg	1	1	2									0.89532488	0.38712244			0.89946	0.38712									
TP53TG3 protein	NM_016212	24150	16p11.2	32119259	neg	0	1	0	0.80825	0.6464468	0.85018	0.54541874	0.730438	0.65905717	0.56764491	0.7323425	0.84462057	0.73508397			0.84829	0.73508			0.753267224	0.52526769	0.87168529	0.50539822			
ELAV (embryonic lethal, abnor	NM_001420	1995	19p13.2	11696117	pos	0	1	0																							
hypothetical protein FLJ20432	NM_017819	54931	3q12.3	97939045	neg	1	1	2	0.75556	0.83302397	0.79548	0.75267557	0.241946	1.12556601	0.3948693	1.03229157	0.5286416	0.97921319	0.52676964	0.78856159	0.52027	0.9815	0.691295946	0.94038802	0.928294635	0.50189875	0.83332585	0.68401244	0.648069	0.78226	0.69390895
protocadherin gamma subfam	NM_018913	56106	5q31.3	140609181	neg	0	1	2	0.20815	1.54119892	0.20314	1.61143617	0.919271	0.11063415	0.48868836	0.84663578	0.10006614	1.83122979			0.09038	1.83123			0.110344497	1.93089146	0.13525263	1.86934278			0.53203928
bromodomain containing 1	NM_014577	23774	22q13.33	46756145	neg	0	1	2	0.21299	1.23721592	0.81949	0.72471559	0.890044	0.76449867	0.24619358	1.10883391	0.75950416	0.75534109	0.73111393	0.7190921	0.6476	0.80111	0.533009598	0.9992154	0.257323214	1.14543592	0.02284213	2.20115112	0.297085	1.14138	0.23311543
AD-003 protein	NM_014064	28989	9q34.11	123503189	neg	1	1	2	0.38576	1.07769863	0.71904	0.81754584	0.718589	0.88533095	0.8939064	0.70184541	0.23445494	1.12152781	0.31707084	1.10244521	0.27093	1.14406	0.494955202	1.01274087	0.868379182	0.58746797	0.72846355	0.78173479	0.728329	0.71517	0.84203151
nuclear receptor co-repressor/	NM_024665	79718	3q26.32	173797703	neg	1	1	2																							
cytokine receptor-like factor 3	NM_015986	51379	#N/A	#N/A		1	1	2			0.31898	1.62978927					0.67008452	0.79218509			0.66911	0.79219									
suppressor of fused homolog	NM_016169	51684	10q24.32	103156963	pos	1	1	2	0.2394	1.24000808	0.17812	1.36381391	0.979977	0.63186735	0.49844158	0.95284455	0.3040191	1.17514963			0.29262	1.17515	0.652201726	0.19039822	0.550484835	0.91546572	0.4370024	1.05261802	0.614039	0.6935	0.55456164
phosphodiesterase 10A	NM_006661	10846	6q27	165097932	neg	1	1	2	0.80991	0.67191891	0.44555	1.05446541			0.39481545	1.09260782	0.7875489	0.74934432			0.79005	0.74934	0.481148285	1.09555274	0.525594469	0.88373052	0.64914641	0.73018818			
BRF1 homolog, subunit of RNA	NM_001519	2972	14q32.33	103054266	neg	1	1	2	0.22259	1.6998845	0.06946	2.05860979	0.844106	0.65980937	0.50488169	0.90009256	0.2374022	1.31504688			0.22544	1.31505	0.554436073	0.82880521	0.320383046	1.09699809	0.41330927	1.08421881	0.299109	1.39216	0.51427059
hypothetical protein FLJ12785	NM_024855	79913	20q11.23	37105597	neg	1	1	2	0.13521	1.43419678	0.01208	2.45615598	0.513886	0.98023272	0.65895965	0.72417289	0.3526584	1.16421054			0.34209	1.16421	0.179375896	1.28893154	0.313368884	1.04556072	0.54885571	0.89105339	0.315795	1.29412	0.3765367
GDNF family receptor alpha 3	NM_001496	2676	5q31.2	137463340	pos	1	1	2	0.16935	1.4218669	0.06173	1.93761416	0.671657	0.8079891	0.44707828	0.99029126	0.17199751	1.48852634			0.16037	1.48853	0.515031654	1.01501386	0.040677617	2.44313687	0.27631782	1.91490801	0.029714	3.93464	0.48591738
TAF7-like RNA polymerase II, T	NM_024885	54457	Xq22.1	95804918	neg	1	1	0	0.40117	1.06503951	0.68009	0.84768339	0.153274	1.16320781	0.9934824	0.64090519	0.05994653	1.32546071	0.08110783	1.49807311	0.1642	1.23681	0.758276986	0.91912276	0.930338274	0.42192322	0.92209348	0.50670949	0.544804	0.88092	0.98391377
serine/threonine kinase PSKH2	NM_033126	85481	8q21.2	85649923	neg	1	1	2	0.04468	1.62302725	0.1078	1.52502246	0.454707	1.02121025	0.396588	1.08410618	0.06833703	1.71055446	0.20359409	1.41186087	0.06029	2.62644	0.131274343	1.30818799	0.283748067	1.03752367	0.42973856	1.16662249	0.006701	3.32901	0.79617292
polymerase (RNA) III (DNA dire	NM_016310	51728	16p13.3	116137	neg	1	1	2	0.08977	1.47262058	0.03688	1.85999298	0.793722	0.87227817	0.35787881	1.07959014	0.24206233	1.24117153	0.52749775	0.71698585	0.22843	1.24369	0.671801716	0.93996608	0.552622502	0.91873721	0.34369258	1.16588913	0.472428	0.92959	0.5691666
hypothetical protein FLJ20635	NM_017911	55007	22q13.31	42341138	neg	1	1	2																							
mitogen-activated protein kina	NM_005923	4217	6q23.3	136501339	neg	1	1	2			0.08237	4.55213178					0.69210625	0.79345033			0.69185	0.79345			0.619229904	0.59458521	0.81879934	0.49611764			
dihydrolipoamide dehydrogena	NM_000108	1738	7q31.1	106015509	pos	1	1	2	0.4518	1.06347031	0.14144	1.78803191	0.374264	1.16206612	0.57410382	0.61916911	0.04902716	2.87772053			0.04241	2.87772			0.793378971	0.30175983	0.63290643	0.46733569	0.275192	1.89412	0.49677522
matrix metalloproteinase 14 (m	NM_004995	4323	14q11.2	20678238	neg	0	1	2	0.3322	1.13270748	0.22463	1.29701886	0.462537	1.01301309	0.71597786	0.80044204	0.20010887	1.31302964	0.45377858	0.85759616	0.17431	1.34545	0.524722581	1.00685326	0.318768644	1.11863538	0.26826584	1.30573593	0.65225	0.72281	0.7375099
islet cell autoantigen 1 (69kD)	NM_022307	3382	7p21.3	7797310	pos	1	1	2									0.77952841	0.63355297			0.78183	0.63355									
BAF53	NM_004301	86	3q26.32	176044960	neg	1	1	1	0.49201	1.01624029	0.60997	0.90006161	0.503539	0.99454019	0.65469277	0.88971269	0.42820429	1.03874652	0.33640535	1.10323822	0.59042	0.93069	0.433338786	1.0479115	0.716262892	0.67660163	0.5782899	0.90341353	0.554617	0.84163	0.68158781
target of myb1 (chicken)	NM_005488	10043	22q12.3	32391906	pos	1	1	2	0.40303	1.54468196	0.02103	2.10779012	0.857914	0.81854438	0.58395718	0.80512914	0.46817985	1.03131476	0.43480401	0.87547983	0.4303	1.06103	0.286303796	1.13617568	0.555350676	0.90723162	0.56533321	0.87485242	0.36065	1.13235	0.63222241
tripartite motif-containing 32	NM_012210	22954	9q33.1	110277716	pos	1	1	2	0.49097	1.00664206	0.16397	1.44710402	0.488425	1.00129347	0.54867902	0.77111445	0.14755344	1.41214327			0.13637	1.41214	0.726255789	0.816281	0.541461672	0.89173177	0.64413222	0.72904368	0.235283	2.26471	0.6012062
hypothetical protein MGC2734	NM_033117	92400	9q33.2	116108416	neg	1	1	2	0.23381	1.26835171	0.15185	1.41631471	0.516262	0.98794588	0.42128129	1.02020678	0.25145232	1.21546626			0.23954	1.21547	0.462047511	1.04201215	0.296311664	1.19655867	0.38705875	1.15151515	0.561043	0.78957	0.53266888
transcription factor 15 (basic h	NM_004609	6939	20p13	572959	neg	1	1	2	0.01598	1.80112895	0.56481	0.93594948	0.008537	1.47165741	0.52012081	0.9689627	0.05162918	1.25783524	0.21434979	1.14691276	0.04211	1.45212	0.003582814	1.50635633	0.048421599	1.45294	0.15251789	1.43847184	0.039094	1.92976	0.41943307
BCL2-like 10 (apoptosis facilita	NM_020396	10017	15q21.2	47960261	neg	1	1	1	0.75006	0.79581045	0.4526	1.02926587	0.041626	1.57608196	0.98323857	0.52567361	0.45056952	1.0146201	0.20550902	1.95055489	0.48256	1.00443	0.341591475	1.15206556	0.862450251	0.51008521	0.84533321	0.63580591			0.58784316
nerve growth factor receptor (T	NM_014380	27018	Xq22.2	97933882	pos	1	1	2									0.38904212	1.17271685			0.37928	1.17272									
peptidylprolyl isomerase B (cy	NM_000942	5479	15q22.31	60234910	neg	1	1	1									0.5835987	0.89133204			0.57971	0.89133									
cystathionase (cystathionine g	NM_001902	1491	1p31.1	71000972	pos	0	1	0	0.8194	0.68299396	0.61452	0.8461165	0.057345	1.83851644	0.44475258	0.99112538	0.21403223	1.37189894			0.20207	1.3719	0.302049737	1.56815416	0.544804325	0.72613865	0.54935093	0.61688312	0.460091	0.9136	0.61336912
hypothetical protein FLJ21918	NM_024939	80004	16q22.1	58957956	neg	1	1	2	0.58803	0.92639555	0.12919	1.51346285	0.204914	1.18701619	0.50219167	0.87930781	0.87985304	0.65207298			0.88392	0.65207	0.243970329	1.24918265	0.616027766	0.62813257	0.68440742	0.68069861	0.512121	0.81025	0.54132129
spectrin, beta, erythrocytic (inc	NM_000347	6710	14q23.3	62560494	pos	1	1	2			0.31663	1.40478036					0.46283541	1.04332002			0.45506	1.04332			0.235290229	1.64100015	0.35690113	1.32372835			
hypothetical protein	NM_015913	51060	1p32.3	52080247	neg	1	1	1	0.20337	1.34785572	0.30049	1.38521798	0.33764	1.12238523	0.5634159	0.81273061	0.30976452	1.24236361			0.29844	1.24236	0.421018643	1.16994642	0.585357189	0.85989213	0.48812173	0.74314574	0.435915	0.95588	0.42953419
nitrilase 1	NM_005600	4817	1q23.3	158799316	neg	1	1	1	0.2503	1.26041334	0.31152	1.52029703	0.392915	1.0701429	0.51209724	0.92502639	0.38616546	1.34744536			0.37633	1.34745	0.435381196	1.10574904	0.384221857	1.0539482	0.50908261	0.87391775			0.58478907
hypothetical protein PRO2121	NM_018618	118424	1p36.33	716000	neg	1	1	0	0.73068	0.84342271	0.51577	0.97318944	0.273247	1.11274747	0.6326523	0.88373229	0.48994359	1.00500071	0.37319378	1.04015094	0.83392	0.66348	0.210979868	1.15490466	0.914875633	0.473972	0.86609068	0.65009008	0.41072	1.00702	0.54529199
SMT3 suppressor of mif two 3	NM_006936	6612	21q22.3	42735397	neg	1	1	2	0.8509	0.61512579	0.62941	0.81587441	0.373289	1.47110158			0.3531132	1.21869478			0.34255	1.21869			0.557380343	0.74874725	0.6980577	0.7152268			
hypothetical protein	NM_015372	25775	22q12.3	29025553	pos	0	1	2	0.37996	1.18573109	0.09714	1.97619048	0.411228	1.0914684			0.59766646	0.84197335			0.59426	0.84197	0.451602995	1.16396565	0.374500738	1.0669204	0.54791018	0.83621934			
glutamate-ammonia ligase (glu	NM_002065	2752	1q25.3	179878082	neg	1	1	2	0.28819	1.19201677	0.10298	1.55849567	0.171557	1.24331839	0.37661256	1.08632473	1.2621E-08	7.13086992	0.46918827	0.86666709	2.1E-09	7.67798	0.420209802	1.06063031	0.37904479	1.08432366	0.22103716	1.47694335	0.707657	0.68926	0.55177296
claudin 3	NM_001306	1365	7q11.23	71823785	neg	1	1	2	0.07992	1.45244959	0.10984	1.48726827	0.918987	0.80082678	0.49855299	0.8729395	0.5097759	0.99828125	0.92578648	0.53372937	0.23137	1.17854	0.312681807	1.08079832	0.001230577	2.56400744	0.00179223	4.21146364	0.006974	3.10213	0.04916478
tumor necrosis factor, alpha-in	NM_006291	7127	14q32.32	100983912	pos	0	1	2	0.42417	1.05688845	0.56125	0.93328889	0.401612	1.09353703	0.47223048	0.95684278	0.36647953	1.09776587	0.5068786	0.7289935	0.3561	1.09785	0.55660453	0.98583728	0.665635388	0.96061033	0.63689655	0.85906686	0.385731	1.05882	0.25425939
autoimmune regulator (automi	NM_000383	326	21q22.3	42215619	neg	1	1	2	0.71876	0.84829036	0.71746	0.80481951	0.54046	0.9731488	0.61099892	0.85296581	0.66719419	0.83501841	0.56172942	0.60164852	0.66009	0.83962	0.713459826	0.87595283	0.165813099	1.38472553	0.66374267	0.8298876	0.028774	2.3032	0.42532037
cytochrome c oxidase subunit	NM_004718	9167	2p21	42566205	neg	1	1	1	0.3813	1.10556425	0.22048	1.30285273	0.178813	1.24243722	0.53963944	0.90199813	0.31880707	1.20610341			0.30762	1.2061	0.313069569	1.17733873	0.303491933	1.2002057	0.40283072	1.13700025	0.530819	0.76553	0.41892445
hypothetical protein BC010626	NM_138424	113220	9q32	107652113	neg	0	1	2	0.80776	0.77643438	0.6296	0.88296739	0.53929	0.97719106	0.454036	0.94887982	0.85006233	0.57179479	0.84025126	0.47600681	0.68798	0.69037	0.597145864	0.96628923	0.975616664	0.37078631	0.94321884	0.4838299	0.952838	0.3621	0.58621113
solute carrier family 29 (nucleo	NM_001532	3177	11q13.3	68664767	neg	1	1	1	0.00259	4.26867994	0.08672	1.71344697	0.415318	1.09113544	0.24954534	1.42024495	0.72227633	0.75121896			0.72296	0.75122	0.36502229	1.18645073	0.560300331	0.74144779	0.62641177	0.80194805	0.381837	1.12693	
protein kinase, interferon-indu	NM_002759	5610	2p22.2	37298544	neg	0	1	0	0.86879	0.73481301	0.83462	0.70016541	0.005236	1.62114699	0.75896497	0.6715703	0.15579485	1.2318933	0.05205261	2.15538356	0.33631	1.09569	0.954527221	0.772536	0.734824592	0.54083189	0.5196765	0.72085218	0.757862	0.65226	0.642648
hypothetical protein FLJ22362	NM_022823	64838	2p23.3	27636077	neg	1	1	2																							
GTP-binding protein Sara	NM_016103	51128	5q31.1	133537676	neg	1	1	2	0.60057	0.93622737	0.81138	0.73906138	0.378081	1.04265644	0.9938889	0.64801622	0.1630865	1.14953097	0.23249365	1.13906085	0.23279	1.16396	0.689535046	0.94428966	0.942063918	0.49384978	0.84723638	0.66451439	0.895575	0.54044	0.91850571
unr-interacting protein	NM_007178	11171	12p12.3	15774941	pos	0	1	2	0.43611	1.05015826	0.48116	1.00231244	0.239699	1.1347215	0.66660813	0.83580516	0.22431747	1.24266785			0.21234	1.24267	0.514291959	1.01106785	0.591730079	0.96918324	0.49468125	0.97596433	0.634573	0.7598	0.82845428
similar to RIKEN cDNA 061000	NM_080658	91703	11q13.3	69932958	neg	0	1	2	0.50913	0.99304083	0.81266	0.73741894	0.152934	1.16302676	0.99976295	0.5281261	0.16907469	1.21537646	0.11429379	1.63836926	0.31078	1.11493	0.736752033	0.92573299	0.871472904	0.5680779	0.82538447	0.69559229	0.34723	1.08195	0.98314734
fucosidase, alpha-L- 1, tissue	NM_000147	2517	#N/A	#N/A		1	1	1	0.87344	0.70862657	0.85952	0.67277236	0.211542	1.18235931	0.83070659	0.73266237	0.4401914	1.04487717	0.44526505	0.84994073	0.41819	1.05551	0.660161041	0.89411849	0.740055347	0.52136708	0.82864405	0.52253629	0.569951	0.69136	0.80794409
CDC45 cell division cycle 45-li	NM_003504	8318	22q11.21	16407664	neg	1	1	1	0.42826	1.06686977	0.11095	1.76701258	0.410313	1.1160087	0.27246271	1.34491928	0.32913479	1.38417361			0.31812	1.38417	0.539213228	0.99261336	0.248362772	1.56952923	0.36341436	1.30992464			
amphiphysin (Stiff-Mann syndr	NM_001635	273	7p14.1	38069710	pos	1	1	2	0.00766	2.01882952	0.0309	1.91824056	0.223833	1.15778344	0.3470119	1.08372922	0.10670787	1.37044676	0.44062103	0.91778658	0.06631	1.49485	0.155801638	1.24892755	0.000625292	2.90914316	0.00502505	3.26719577	0.001927	4.53276	0.12500717
HSPC182 protein	NM_014188	29101	1p36.33	1068870	neg	0	1	0	0.0047	2.07825019	0.05117	1.72498387	0.401437	1.04508893	0.64104877	0.87380367	0.84362932	0.8488268	0.99531631	0.40572563	0.42312	1.03556	0.430760027	1.03433	0.789161865	0.74344097	0.82173828	0.70762962	0.53292	0.89225	0.61535445
GATA binding protein 5	NM_080473	140628	20q13.33	60803475	neg	1	1	2	0.48254	1.01555474	0.5552	0.92712766			0.2497218	1.36223585	0.65088826	0.86975468			0.64928	0.86975	0.276472629	1.35130142	0.246412247	1.13006826	0.25494109	1.36002886	0.228365	1.76817	0.33390564
neuronal cell adhesion molecu	NM_005010	4897	7q31.1	106271993	pos	1	1	1																							

RAS protein activator like 1 (G	NM 004658	8437	12q24.13	112432337	neg	0	1	2	0.50136	0.98133693	0.56819	0.91352201	0.127039	1.40839314	0.4380377	1.00964688	0.81581931	0.70686775			0.81896	0.70687	0.554059916	0.97245521	0.472212875	1.02010697	0.42394245	1.33897111	0.36737	1.13647	0.59230575
SET domain, bifurcated 1	NM 012432	9869	1q21.3	148740858	neg	0	1	2	0.66763	0.74272189	0.9157	0.61393514	0.005994	1.50947677	0.85485357	0.80104566	0.16936448	1.23737772	0.13138801	1.7271181	0.28309	1.14477	0.31726154	1.10856851	0.889097564	0.44421787	0.7633959	0.56237939	0.752591	0.65882	0.97179474
mitochondrial intermediate pe	NM 005932	4285	13q12.12	22284324	pos	1	1	2	0.3275	1.2466586	0.11591	1.91450276	0.288253	1.29107962	0.46605655	0.95384026	0.51187727	0.98185427			0.50562	0.98185			0.325755381	1.32271211	0.51142795	0.91741592			
retinoid X receptor, beta	NM 021976	6257	6p21.32	33164721	pos	0	1	2	0.2655	1.27627377	0.24104	1.3549496	0.366561	1.07602841	0.45200116	0.90368979	0.28571044	1.20909369			0.27408	1.20909	0.415675449	1.09627207	0.354640304	1.20123314	0.47568809	1.01879181	0.547896	0.74978	0.66663812
ceroid-lipofuscinosis, neurona	NM 018941	2055	#N/A	#N/A		1	1	0			0.34684	1.18324405	0.1685	1.95657409			0.62351955	0.87143333			0.62099	0.87143	0.344871071	1.64319772	0.084338012	1.80510255	0.05618717	2.11597542	0.303234	1.61275	
interferon gamma receptor 1	NM 000416	3459	6q23.3	137141774	neg	1	1	2	0.0893	1.4762563	0.10167	1.56570204	0.358277	1.05759477	0.42856878	1.05388311	0.28469401	1.23445838	0.6788246	0.46958602	0.23579	1.2933	0.456593809	1.03140733	0.546346055	0.9183961	0.49164743	0.98701299	0.47285	0.89312	0.79012156
fms-related tyrosine kinase 4	NM 002020	2324	5q35.3	180162610	neg	1	1	2									0.25748999	1.40832983			0.24561	1.40833									
CD58 antigen, (lymphocyte fur	NM 001779	965	1p13.1	117560087	neg	1	1	2	0.20128	1.26870046	0.12664	1.46936992	0.556509	0.96852778	0.42986188	1.0259956	0.21795096	1.27167238	0.45402328	0.76697355	0.19988	1.28235	0.467518574	1.03238846	0.56438159	0.9500776	0.5175741	0.95141177	0.402144	1.03268	0.95083273
HSPC037 protein	NM 016095	51659	16q24.1	76786177	neg	1	1	2																							
baculoviral IAP repeat-contain	NM 001168	332	17q25.3	76124980	neg	1	1	2	0.4907	1.00479125	0.72874	0.8101011	0.427555	1.02350952	0.98369634	0.69033381	0.09732927	1.21521311	0.12930321	1.25231673	0.21804	1.17596	0.559386143	0.99041396	0.933568447	0.50395283	0.83661998	0.66929802	0.88123	0.55969	0.83449799
somatostatin receptor 3	NM 001051	6753	22q13.1	34217116	neg	0	1	0	0.76476	0.82840729	0.87692	0.67006458	0.816165	0.86747804	0.47310564	0.98659216	0.9139796	0.75786924	0.78378718	0.70328854	0.87796	0.77192	0.159524274	1.16915983	0.76707807	0.68234975	0.55217271	0.93702206	0.764481	0.68762	0.44710447
hypothetical protein FLJ11016	NM 018301	55285	Xq22.3	101619527	neg	0	1	2			0.12604	2.19027778	0.454226	1.07184569	0.76797373	0.51463364	0.05903981	2.25802225			0.05165	2.25802			0.534829479	0.61858973	0.71192761	0.52341598			
DKFZP566O1646 protein	NM 015471	25936	1q32.3	211590187	neg	1	1	2	0.42403	1.1449832	0.3423	1.13472401	0.800777	0.84941892	0.56008636	0.92471576	0.33034747	1.14616858	0.48326563	0.76154722	0.31852	1.14711	0.538667778	0.99506052	0.744176952	0.51973028	0.54817953	0.78196451	0.823156	0.53315	0.58459871
occludin	NM 002538	4950	5q13.2	68940478	pos	1	1	0	0.10785	1.48437906	0.2552	1.24283854	0.701389	0.87297211	0.53485048	0.70156864	0.19522736	1.34678745	0.45893434	0.78553762	0.17712	1.36158	0.419519957	1.06262045	0.395374898	1.01137631	0.47715287	1.00599401	0.703357	0.67765	0.67733573
BUB1 budding uninhibited by	NM 001211	701	15q15.1	35820860	neg	0	1	2	0.19904	1.33206197	0.17267	1.43092508	0.606906	0.94195338	0.69393714	0.66861996	0.46561799	1.43073831			0.45793	1.43074	0.688737053	0.76370747	0.675018033	0.48763904	0.70243432	0.68297774	0.724065	0.55909	0.78412903
protocadherin gamma subfam	NM 018920	56108	5q31.3	140578905	neg	0	1	2	0.44072	1.32202193	0.05962	1.86597985	0.028663	2.30689795	0.38011642	1.04580516	0.00021763	2.84090955	0.2354565	2.02274077	0.00016	2.93307	0.490382276	1.33537101	0.000781548	3.81081009	0.01087763	3.15813118	0.001389	13.4052	0.0465609
coactivator for steroid recepto	NM 015555	26036	6p12.1	56956894	pos	1	1	2	0.14819	1.38257712	0.08207	1.67233055	0.307906	1.09690517	0.68782084	0.82708331	0.20603799	1.3217044	0.46303218	0.56352428	0.19245	1.3248	0.525814341	1.00319324	0.551594894	0.94189019	0.52772128	0.93913549	0.576994	0.7622	0.75836154
sec13-like protein	NM 031216	81929	18p11.21	12945900	neg	1	1	2									0.59815162	0.850473			0.59476	0.85047			0.510041136	0.66579289	0.6598232	0.46432063			
cyclin E2	NM 004702	9134	8q22.1	94515935	neg	1	1	2	0.20535	1.35025251	0.0225	2.49189498	0.475315	1.01193653	0.72196113	0.59350901	0.44968832	1.05775014			0.44153	1.05775	0.206387571	1.73499815	0.265181563	1.32964682	0.36829265	1.21588556			
amyloid beta (A4) precursor pr	NM 004886	9546	19p13.3	3843156	neg	0	1	0	0.04219	1.58029952	0.30141	1.16810672	0.892386	0.8231681	0.19888462	1.134459	0.26887322	1.13815144	0.48010691	0.94129371	0.25157	1.14411	0.027739031	1.31024661	0.334206242	1.06948962	0.75508553	0.77084295	0.669756	0.77613	0.70899691
origin recognition complex, su	NM 012381	23595	6q15	88246196	neg	1	1	2	0.44201	1.08718121	0.16039	1.59636667	0.256704	1.40811163			0.46174608	1.03830561			0.45394	1.03831			0.329004507	1.17147459	0.50164864	0.9629395			
ATPase, Ca++ transporting, ca	NM 001681	488	12q24.11	109794278	neg	1	1	0									0.29386136	1.30309631			0.28232	1.3031			0.847120357	0.42181711	0.93591372	0.40683331			
APMCF1 protein	NM 021203	58477	3q22.1	130484172	pos	1	1	2	0.54532	0.93692704	0.10565	2.01915114	0.178977	1.57802252	0.8842874	0.4788314	0.04863562	2.70407067			0.04205	2.70407			0.967883985	0.18026913	0.98927877	0.191484			
hypothetical protein DKFZp434	NM 032264	84224	1p36.12	21336929	pos	1	1	1	0.29815	1.15654476	0.44022	1.24792174	0.16824	1.17852012	0.47013954	0.98363678	0.13482129	1.32359383	0.53896562	0.80403756	0.12038	1.33152	0.808772606	0.85106909	0.561962122	0.80254122	0.45757975	1.02651941	0.531476	0.74383	0.73101672
hypothetical protein BC012173	NM 138417	112970	1p32.3	52091419	neg	1	1	0	0.3589	1.19926145	0.53424	0.93503086	0.67846	0.74903076	0.84092644	0.35014135	0.02409104	3.05060103			0.01994	3.0506			0.561966178	0.63848282	0.76677348	0.52341598			0.63897328
hypothetical protein FLJ14393	NM_032778	84864	3q11.2	94273869	var	1	1	1									0.51515093	0.84024627			0.491	0.84025									
wingless-type MMTV integratic	NM 004626	7481	11q13.5	78224336	neg	1	1	2	0.14371	1.3852717	0.03656	1.93160569	0.593439	0.94469647	0.58403859	0.82967423	0.32764866	1.18159057			0.31661	1.18159	0.472344775	1.02791072	0.351862877	1.06546704	0.39775779	1.11537452	0.452735	0.92792	0.38458173
protein phosphatase 1, regulat	NM 002714	5514	6p21.33	30623923	neg	0	1	1	0.49483	1.00227278	0.86373	0.66727284	0.23268	1.17415672	0.46976853	0.97760713	0.55701953	0.99453484	0.40819259	0.99016127	0.31451	1.10652	0.499619162	1.01715522	0.059809097	1.41825044	0.05409706	1.8659947	0.065161	1.76522	0.41250713
growth hormone inducible trar	NM 014394	27069	10q23.1	84856219	pos	1	1	2	0.71136	0.84397004	0.46131	1.01987257	0.654689	0.92202917	0.79765535	0.72195414	0.26132351	1.18854038	0.52427363	0.73186297	0.24824	1.18998	0.640273916	0.93349072	0.580605304	0.71238913	0.53571693	0.93323343	0.693575	0.6828	0.39386354
dystonia 1, torsion (autosomal	NM 000113	1861	9q34.11	123689921	neg	1	1	1																							
F-box and WD-40 domain prote	NM 012164	26190	9q33.2	114631083	neg	1	1	2	0.19715	1.27822544	0.08931	1.58975719	0.551314	0.97258936	0.7366257	0.77524111	0.19116788	1.32590114	0.85734996	0.09453069	0.14071	1.39694	0.439486608	1.04503506	0.605701368	0.88229888	0.51352259	0.92121212	0.429749	0.97498	0.39404772
hypothetical protein FLJ21148	NM 024860	79918	16q21	48943550	pos	1	1	2			0.08853	2.075	0.23181	1.47523055	0.33394843	1.29137736	0.39540171	1.10001747			0.38579	1.10002			0.549163107	0.75913636	0.68124694	0.73438466			
mitochondrial GTP binding prc	NM 032620	84705	19p13.12	17942253	pos	1	1	0									0.62114507	0.85637791			0.61853	0.85638									
divalent cation tolerant proteir	NM 015921	51596	6p21.32	33386566	pos	1	1	2	0.13351	1.37145323	0.12653	1.46392345	0.819209	0.85083642	0.68960787	0.81532245	0.08045561	1.46336307	0.63820243	0.54697613	0.06239	1.49807	0.492265534	1.01532898	0.310560838	1.1770033	0.227423	1.41092241	0.75164	0.62333	0.53230205
tumor protein D52-like 1	NM 003287	7164	6q22.31	125134478	pos	1	1	2	0.11971	1.58175536	0.3222	1.17270792	0.688816	0.89671229	0.43757319	1.05249942	0.23432842	1.26993302			0.22236	1.26993	0.37487208	1.22734284	0.542066459	0.88691114	0.6195658	0.74187251	0.549213	0.74751	0.54132778
thrombospondin 4	NM 003248	7060	5q14.1	78134210	pos	1	1	2																							
protein phosphatase 1, regulat	NM 014330	23645	19q13.33	50033996	neg	1	1	2	0.79586	0.80504779	0.78108	0.76500739	0.140588	1.17375408	0.91588891	0.75433218	0.27756945	1.11793185	0.19443767	1.31793143	0.43026	1.03841	0.683436377	0.94227043	0.841589619	0.46845146	0.61530285	0.55482979	0.834536	0.60905	0.96081963
hypothetical protein FLJ13479	NM 024706	79759	16p11.2	30154704	neg	0	1	0	0.38607	1.08359372	0.60895	0.89922513	0.175286	1.19590704	0.68146549	0.87522004	0.0225943	1.51074028	0.25468265	1.20054486	0.01059	1.92147	0.23294393	1.19217802	0.015090417	1.72508698	0.00541266	3.05379018	0.028009	2.20338	0.32003071
small heat shock protein B9	NM 033194	94086	17q21.2	39828774	pos	1	1	0																							
hypothetical protein FLJ13158	NM 024909	79969	6p21.33	30650393	neg	1	1	2	0.40615	1.06687237	0.3895	1.08244414	0.895556	0.82284742	0.4737195	0.91772008	0.40063608	1.05521945	0.91702516	0.57058363	0.14151	1.26883	0.385906218	1.05949373	0.413739594	1.04292602	0.19926764	1.41257293	0.846529	0.57137	0.92644727
retinoic acid early transcript 1	NM 130900	154064	6q25.1	149902365	neg	1	1	2	0.59229	0.92652224	0.41004	1.07183806	0.208227	1.19266589	0.64709665	0.85188965	0.23433944	1.28300444			0.22237	1.283			0.00074028	3.15664388	0.00560309	3.70986652	0.005497	3.77139	0.30431487
potassium inwardly-rectifying	NM 033310	50801	11q13.1	66574610	neg	0	1	2	0.45855	1.02921594	0.47529	1.00830206	0.403054	1.04308955	0.47641362	0.84262852	0.15475431	1.41060695	0.47166386	0.81925042	0.13997	1.42095	0.401431344	1.10807417	0.006609665	2.32081886	0.01352855	2.95294869	0.050069	2.33507	0.14808124
rearranged L-myc fusion sequ	NM 012421	6018	1p34.2	40661192	pos	1	1	2	0.66497	0.88393781	0.71282	0.81665467	0.265755	1.1553662	0.59941258	0.86207023	0.36684328	1.10849691			0.35657	1.1085	0.568913566	0.982912	0.604687201	0.73453131	0.49122714	0.8812616	0.624289	0.71517	0.70366601
ATP-dependant interferon resp	NM 022371	64222	1q25.2	176575568	pos	1	1	0	0.50609	0.99264611	0.17261	1.40779306	0.296175	1.11183218	0.57968941	0.79486731	0.046356	1.88852358			0.03996	1.88852	0.525991392	1.00622395	0.4876089	0.8352376	0.61811003	0.80194805			0.45736487
hypothetical protein from EUR	NM 020147	56906	15q23	66968965	pos	1	1	2	0.3095	1.20312744	0.19502	1.37078609	0.579326	0.94035242	0.64803748	0.81180213	0.26416398	1.31521407			0.25233	1.31521	0.418965732	1.11633445	0.546259416	0.94688173	0.41175008	1.0868893	0.597199	0.63137	0.3980536
2,4-dienoyl CoA reductase 1, n	NM 001359	1666	8q21.3	89445620	pos	1	1	2	0.80248	0.79587454	0.57232	0.80742334	0.100557	1.38286921	0.47109902	0.80771214	0.22020527	1.21135085			0.20823	1.21135	0.346047668	1.07421693	0.898155357	0.52590782	0.81978456	0.68170055	0.779289	0.61561	0.68884455
collagen, type VI, alpha 2	NM 058174	1292	21q22.3	44024640	neg	1	1	2									0.54564732	0.9333666			0.54049	0.93337			0.292350902	1.74878314	0.39335932	1.43939394			
carbohydrate (N-acetylglucosa	NM 012126	23563	16q23.1	66492460	pos	1	1	0	0.83397	0.76837711	0.87601	0.66616743	0.032766	1.41342008	0.56167757	0.8550031	0.18564127	1.1714522	0.21439656	1.225969	0.28875	1.13219	0.551497395	0.99080524	0.602259983	0.63827109	0.59065466	0.71785001	0.48911	0.92777	0.54615414
glutamate receptor, metabotro	NM 000838	2911	6q24.3	145973685	pos	1	1	2	0.08346	1.69239222	0.1064	1.76944444	0.055464	1.49184479	0.19068121	1.24225382	0.00747631	2.03632212	0.34559612	1.2044548	0.0021	2.73976	0.597116763	0.90332584	0.00562148	2.52782412	0.04067962	2.30721256	0.007461	4.69786	0.35158008
zinc finger protein 93 homolog	NM_004234	9310	19q13.31	45436137	neg	0	1	2	0.23707	1.29127924	0.20908	1.39495798	0.691984	0.86953066	0.55981696	0.8608609	0.37808374	1.21749005			0.36806	1.21749	0.722367563	0.83773974	0.366751889	1.0716338	0.52805406	0.91675685	0.427966	0.96993	0.72202844
sudD suppressor of bimD6 hor	NM 003831	8780	18p11.22	20925813	neg	1	1	2	0.24058	1.23526817	0.09142	1.5769296	0.524966	0.97921456	0.46588618	0.95281186	0.34426845	1.14972137	0.60521795	0.66633135	0.30905	1.17998	0.427009904	1.05193332	0.294774271	1.22088541	0.35133246	1.21853455	0.520119	0.80097	0.59786186
hydroxyacyl-Coenzyme A dehy	NM 000182	3030	2p23.3	26334836	neg	0	1	1	0.21095	1.22826333	0.76253	0.78142352	0.821953	0.86674727	0.09394274	1.33313568	0.54269786	0.98483643	0.00381456	1.82910291	0.99807	0.50911	1.74408E-06	1.9972117	0.191011944	1.30912826	0.02483623	2.09261774	0.986414	0.30962	0.00297467
proteasome (prosome, macroç	NM 006263	5720	14q11.2	21977819	neg	1	1	2	0.16057	1.34520703	0.027	1.99942597			0.51049126	0.96064953	0.43979213	1.02846178	0.43617335	0.96478289	0.33642	1.105	0.508830229	1.00899932	0.293222203	1.13477382	0.1933803	1.41441113			0.11806103
p21(CDKN1A)-activated kinase	NM 005884	10298	19p13.2	40228830	pos	1	1	2	0.27062	1.26239671	0.11196	1.5835098	0.598348	0.94061256	0.45371907	0.97341952	0.28575464	1.17100619			0.27412	1.17101	0.410770149	1.08136661	0.548143241	0.94158357	0.48723585	0.99288806	0.623562	0.6956	0.39654585
syndecan binding protein (syn	NM 005625	6386	8q12.1	58539292	pos	1	1	2	0.15848	1.36750051	0.05835	1.78252381	0.627015	0.93180856	0.40896368	1.03532347	0.12954108	1.46109826			0.11881	1.4611	0.310900219	1.25717967	0.552613048	0.97838397	0.31518909	1.31601732	0.391457	1.04902	0.68372785
ADP-ribosylation factor guanir	NM 006420	10564	20q13.13	47266904	neg	1	1	2																							
corticotropin releasing hormo	NM 001883	1395	7p14.3	30334676	pos	1	1	2	0.00034	3.55601097	0.00538	2.98808435	0.560247	0.95598161	0.20940392	1.79860885	0.0002185	2.74694276	0.20568839	1.71335184	0.00014	3.0445	0.000450779	1.75099772	4.92826E-05	4.65928118	0.00044126	6.28633271	0.002091	5.03047	0.04321011
TAF1 RNA polymerase II, TATA	NM 004606	6872	Xq13.1	66759764	neg	0	1	2	0.71864	0.74151713	0.48219	1.02103175			0.28690077	1.76578613	0.51117281	0.98631308			0.50489	0.98631			0.303066558	1.24744248	0.44574143	1.06926407			
KIAA0552 gene product	NM_014731	9762	20p13	3131329	neg	1	1	0																							
hypothetical protein LOC63929	NM 022098	63929	22q13.2	37867631	pos	1	1	2	0.63542	0.88635901	0.65332	0.84496958	0.212164	1.23060803	0.76993078	0.79654096	0.17866731	1.27555306			0.16696	1.27555	0.430498854	1.08902654	0.68810457	0.67635666	0.59981152	0.86966112	0.483348	0.92541	0.63706684
polymerase (RNA) II (DNA dire	NM 002694	5432	16p13	47891943	neg	1	1	2			0.24334	1.51063395	0.43598	1.07822664			0.16559773	1.66694449			0.15407	1.66694			0.309418268	1.44081668	0.48036717	1.0034632			
zinc finger protein 230	NM 006300	7773	19q13.31	45152640	neg	0	1	2	0.41511	1.08626512	0.56556	0.92079904	0.584676	0.94115716	0.45131853	0.82036822	0.54200171	0.96250072	0.50564575	0.58071396	0.53667	0.96256	0.358839266	1.38528378	0.583853273	0.52717259	0.63871414	0.7390677	0.624957	0.52941	0.65848622
hypothetical protein FKSG32	NM 031307	83480	11q24.2	127763821	neg	0	1	0	0.39033	1.22067531	0.2484	1.33377466	0.409923	1.05342468	0.84276956	0.68907677	0.1641055	1.2876369	0.36673213	1.11407018	0.11334	1.60603	0.37963276	1.24225531	0.031785991	1.79218483	0.04672301	2.33628074	0.135812	1.69789	0.25595079
hypothetical protein FLJ21195	NM 022469	64388	1q43	238740913	pos	1	1	2	0.01209	1.8803858	0.34773	1.12338492	0.218955	1.14222561	0.00032946	1.75488731	0.54089729	0.98667543	0.0436964	1.39429257	0.98676	0.59173	7.72359E-05	1.95217363	0.304195439	1.13790109	0.18620587	1.34824847	0.990692	0.24471	0.89764203
bone morphogenetic protein 2	NM 001200	650	20p12.3	6737263	pos	1	1	2	0.18039	1.51373261	0.11593	1.70168322	0.404366	1.11918175			0.29291117	1.30335487			0.28136	1.30335	0.162540188	1.73606839	0.198566179	1.92221439	0.28897963	1.59361472			
homeo box B6	NM 018952	3216	17q21.32	46384253	pos	1	1	0	0.15595	1.36910179	0.19884	1.3421627	0.761135	0.84930441	0.57055762	0.89470148	0.32046657	1.14796619	0.44425092	0.86317274	0.28961	1.17278	0.26882001	1.34689784	0.032523311	1.61621243	0.00992288	3.10568742	0.200924	1.42857	0.40518358
ER to nucleus signalling 2	NM 033266	10595	#N/A	#N/A		1	1	2	0.76243	0.8254887	0.60795	0.90178814	0.663774	0.93352186	0.81040966	0.80573267	0.48659195	1.00732342	0.58081662	0.81085324	0.468	1.0116	0.519668114	1.00457674	0.042257503	1.48062154	0.05995299	1.79140069	0.007581	2.86396	0.35208355
phosphatidylinositol-3 phosph	NM_019061	54545	5p13.3	32017012	neg	1	1	2	0.40721	1.08679094	0.19727	1.40058188	0.138599	1.34897856	0.38341675	1.0917487	0.29558687	1.2692909			0.28407	1.26929			0.176935802	1.64272645	0.25905637	1.45443987	0.426794	0.97326	
hypothetical protein PRO2405	NM 018627	55490	9q34.3	129866524	neg	1	1	0																							
thyroid transcription factor 1	NM 003317	7080	14q13.3	34365730	neg	1	1	1					0.325888	1.76590696			0.57143346	0.85554346			0.56714	0.85554			0.271592773	1.26542641	0.33720597	1.25503807			
RAD17 homolog (S. pombe)	NM 133338	5884	5q13.2	68818111	pos	1	1	2									3.3442E-09	8.28124807			9.9E-10	8.28125									
hypothetical protein FLJ13262	NM 024914	79975	4q31.21	147201958	pos	1	1	2									0.18435113	1.65470681			0.17258	1.65471									
hypothetical protein MGC1300	NM 032686	84772	17p11.2	17453967	neg	0	1	2	0.38449	1.18755407	0.32003	1.29642234	0.512294	0.96885655	0.56246358	0.66415218	0.14867345	1.50171524			0.13746	1.50172			0.394626191	1.01187598	0.57468184	0.83185754	0.292106	1.51423	0.79856782
dihydropyrimidinase-like 3	NM 001387	1809	5q32	146798403	pos	0	1	2																							
dead ringer (Drosophila)-like 2	NM 006465	10620	1p31.1	82137902	pos	1	1	2	0.84323	0.59119965	0.52547	0.91463816	0.092439	4.29316693			0.54222596	0.95621606			0.53696	0.95622			0.381636239	1.4635418	0.47482906	1.19637938			
kelch-like 1 (Drosophila)	NM 020866	57626	13q21.33	68242150	pos	0	1	2									0.25352602	1.50462543			0.24162	1.50463									
POP4 (processing of precurso	NM 006627	10775	19q12	30719303	var	1	1	2	0.86102	0.72777977	0.86595	0.65873016	0.572643	0.96193879	0.86360273	0.75313409	0.24148382	1.36599892			0.22953	1.366	0.594308929	0.96406476	0.707890859	0.68509871	0.59486702	0.88578089	0.705803	0.66565	0.71621784
transferrin receptor (p90, CD7	NM 003234	7037	3q29	191708465	neg	1	1	2	0.33278	1.1653638	0.06895	1.84871399	0.316816	1.19613336	0.27237983	1.34348999	0.40466221	1.08613498			0.39528	1.08613	0.324779399	1.1856381	0.277525455	1.3203289	0.40607877	1.14436288	0.52291	0.76953	
zinc finger, DHHC domain cont	NM 017740	55625	16q24.1	75554020	neg	1	1	2	0.90291	0.64007733	0.65934	0.82522989					0.54606429	0.96505845			0.54092	0.96506	0.192669453	1.61806433	0.540636262	0.92912725	0.52615064	0.92979484			
HS1 binding protein	NM 006118	10456	1q21.3	152062290	neg	0	1	2	0.49397	1.00430868	0.42909	1.34063786	0.900493	0.74275051	0.53885083	0.88164821	0.17692613	1.41223707	0.78863868	0.01518358	0.15151	1.44221	0.363998993	1.70910371	0.562118604	0.95770902	0.61921328	0.78823954	0.44531	0.91304	0.6852673
MAGE-E1 protein	NM 030801	81557	Xp11.3	43177252	pos	1	1	1									0.3400073	1.27245454			0.32919	1.27245			0.998753866	0.06449701	0.99989077	0.07742157			
integral membrane protein 2A	NM 004867	9452	Xq21.1	74162214	pos	0	1	2					0.280013	1.3314561			0.60286011	0.87348426			0.59963	0.87348			0.181553345	1.85842699	0.28142215	1.51235861			
hypothetical protein MGC1130	NM 032513	84555	1p35.3	25845659	pos	1	1	2																							
Huntingtin interacting protein	NM 007076	11153	12q23.3	108015175	pos	1	1	2	0.77917	0.81292423	0.84806	0.69397069	0.036129	1.37640797	0.70269729	0.89094568	0.24373938	1.14872179	0.26300639	1.26192356	0.3178	1.11028	0.821165305	0.87319151	0.780973513	0.63927733	0.58515731	0.89638904	0.752791	0.66225	0.56739333
neuromedin B	NM 021077	4828	15q25.2	81266943	neg	1	1	0									0.57203156	0.90069725			0.56776	0.9007			0.548775676	0.87330524	0.63411197	0.60926728			
diazepam binding inhibitor (GA	NM 020548	1622	2q14.2	117330586	neg	1	1	2	0.23582	1.24572669	0.24172	1.25947674	0.48859	1.00069194	0.26694216	1.25301088	0.28928857	1.18582437			0.2777	1.18582	0.186652574	1.31074056	0.395770853	1.32816026	0.47543828	1.37329932	0.518737	0.85582	0.50568734
hypothetical protein DKFZp566	NM 032127	84067	11p15.4	6975581	pos	1	1	2	0.06016	1.53919041	0.05693	1.69790353	0.493711	0.95461205	0.62987201	0.87601149	0.41008581	1.06336232	0.49277676	0.78054064	0.4007	1.06347	0.088891355	1.27444706	0.628743903	0.95202912	0.47186388	1.28722944	0.803977	0.60057	0.42138034
hypothetical protein FLJ21634	NM_022087	63917	7q36.1	149969500	neg	1	1	2									0.62104913	0.84037929			0.61843	0.84038			0.280015724	1.24191911	0.35383009	1.21907854			
ribosomal protein L12	NM 000976	6136	9q33.3	121324665	pos	1	1	2	0.48087	1.01140301	0.79276	0.75368802	0.849915	0.84334082	0.70072458	0.8845416	0.22315714	1.13914972	0.13414745	1.379446	0.41232	1.04434	0.433607524	1.0402513	0.360551075	1.03831806	0.23547853	1.29855305	0.583358	0.84024	0.49087708
KIAA0863 protein	NM 014913	22850	18q23	77381760	neg	1	1	1																							
hypothetical protein FLJ11082	NM 018317	55296	4p15.2	26735460	neg	1	1	2	0.18973	1.53156239	0.1769	1.69458333	0.635709	0.8789796	0.35876832	1.15270942	0.38945236	1.12644573			0.3797	1.12645	0.518236876	1.0371879	0.246974869	1.59304049	0.35390368	1.35126778			
chromosome 9 open reading fi	NM 022755	64768	9q22.31	86203495	neg	1	1	1	0.36978	1.22591106	0.06427	1.7256616	0.807587	0.7990035	0.51577954	0.93777518	0.37745459	1.22435152	0.5954766	0.69710338	0.31734	1.36322	0.224911315	1.17870903	0.5790036	0.99497094	0.5290285	0.93403771	0.415713	1.00302	0.5566858
hypothetical protein FLJ20113	NM 017670	55611	11q13.1	66329170	neg	1	1	2	0.68447	0.7729145	0.2984	1.40379684	0.387316	1.26365143			0.35133508	1.17374336			0.34074	1.17374			0.252385705	1.33739244	0.34314377	1.25021645			
hypothetical protein FLJ22678	NM 024536	79586	2q35	218426537	neg	1	1	0	0.22345	1.23334154	0.26818	1.22399651			0.53048361	0.93136087	0.53218376	0.99491987	0.40574047	0.98124193	0.27554	1.18146	0.270514976	1.11636138	0.008875302	1.8660424	0.00240853	3.84185435	0.029882	2.16232	0.03861811
myosin 5C	NM 018728	55930	15q21.2	48042958	neg	1	1	2	0.08091	1.49251606	0.07734	1.63104245	0.680674	0.91426574			0.26141223	1.21440387			0.24956	1.2144	0.455546469	1.03991978	0.35348116	1.09090799	0.3983983	1.11626469	0.684617	0.68347	0.51224744
zinc finger protein 76 (express	NM 003427	7629	6p21.31	35229618	neg	1	1	2	0.16189	1.32520541	0.01187	2.34176847	0.409282	1.03883175	0.39667632	1.03408538	0.20783266	1.24488734			0.19589	1.24489	0.316508442	1.09472331	0.952111913	0.45193869	0.96547045	0.47143913	0.394903	1.05071	0.36357514
cyclin B2	NM 004701	9133	15q22.2	54954483	pos	1	1	2	0.47011	1.0385206	0.54033	0.93515057	0.461538	1.02678303	0.59655552	0.76323701	0.41837863	1.07550683			0.40935	1.07551	0.520750425	1.28691847	0.584320965	0.61116912	0.7683993	0.52500691			0.76647087
Jun dimerization protein p21SI	NM 018664	55509	1q32.3	211539016	neg	1	1	2									0.84242229	0.57185665			0.84605	0.57186			0.233486049	1.5252018	0.36622702	1.24551639			
hypothetical protein FLJ12528	NM 025150	80222	1q21.2	148301858	pos	0	1	2									0.53056829	0.94461809			0.52492	0.94462									
mitogen-activated protein kina	NM 004635	7867	3p21.31	49300329	neg	1	1	2							0.21513975	1.88827432									0.33817213	1.13864146	0.51563206	0.94001237			
hypothetical protein FLJ10043	NM 017979	55059	15q26.1	87667021	neg	1	1	2	0.1188	1.38712865	0.06344	1.66975284	0.295155	1.09838919	0.72625609	0.83458258	0.40088678	1.0802777			0.39141	1.08028	0.692158856	0.933251	0.253531453	1.26889365	0.25820468	1.36663337	0.650965	0.71689	0.61730544
meningioma (disrupted in bala	NM 002430	4330	22q12.1	24840039	pos	1	1	2																							
glutamate rich WD repeat prot	NM 031485	83743	19q13.33	49593710	neg	0	1	1	0.69648	0.75115158	0.4833	1.00092147	0.601763	0.7175786	0.56607854	0.87064865	0.20121228	1.61782809			0.1893	1.61783			0.504557805	0.15326359	0.55536304	0.1751279			0.58153819
hypothetical protein FLJ11588	NM 024603	79656	1p33	48818171	pos	1	1	2									0.71495758	0.73841269			0.71542	0.73841									
SBBI31 protein	NM 014035	28966	5q23.2	121811824	neg	0	1	0	0.85107	0.71478274	0.69689	0.8104266			0.75049786	0.83385414	0.18290289	1.35439131	0.15677673	1.39813742	0.5264	0.92673	0.41889586	1.0711879	0.793564764	0.65820437	0.75583582	0.74392699	0.433973	0.97407	0.90053647
S-adenosylhomocysteine hydr	NM 000687	191	20q11.22	32626808	pos	1	1	1	0.51821	0.98708067	0.81982	0.72527562	0.559834	0.96811649	0.99693475	0.61066547	0.14463717	1.25021904	0.27351225	1.19665795	0.17021	1.29686	0.570864959	0.98599792	0.715641846	0.73535488	0.49397508	0.98830489	0.427133	0.92675	0.76354414
mitogen-activated protein kina	NM 002748	5597	15q21.2	47869886	neg	1	1	2																							
hypothetical protein	NM 015705	27352	22q13.1	37411229	neg	1	1	0	0.51017	0.99236668	0.70258	0.82907514	0.927602	0.77697576	0.99552333	0.61756737	0.55824502	0.99288913	0.41142459	0.98782796	0.3676	1.07625	0.557471936	0.99103768	0.937266026	0.50467964	0.80168271	0.71571194	0.855964	0.58524	0.88408526
hypothetical protein FLJ11274	NM 018375	55334	14q24.1	67370608	neg	1	1	2	0.48953	1.00731959	0.16559	1.43976301	0.952578	0.61637444	0.36029594	1.15577147	0.95526	0.50123618			0.95866	0.50124	0.743963475	0.55226159	0.394763987	1.04314964	0.55790424	0.861678	0.614949	0.67288	0.71135757
MTO1 protein	NM 012123	25821	6q13	74129850	neg	0	1	1	0.92243	0.58981824	0.62131	0.82053232	0.868028	0.5913353	0.49286237	0.9193271	0.78081665	0.77981932			0.78315	0.77982	0.798073884	0.72275839	0.763308823	0.54744582	0.83687043	0.57820068			0.6333831
chromosome 21 open reading	NM 015227	23275	21q22.3	43196781	neg	1	1	2			0.42063	1.13598234					0.64614159	0.79218509			0.64437	0.79219			0.5419241	0.93860489	0.55314984	0.90210864			
protein tyrosine phosphatase,	NM 002841	5793	3p14.2	60412261	neg	1	1	2	0.19281	1.30718089	0.05112	1.77707809			0.46246812	0.9522272	0.62134591	0.89620626			0.61874	0.89621	0.374922681	1.07808002	0.34704564	1.1677985	0.37711732	1.26445694	0.611417	0.7345	0.444425
ubiquitin-conjugating enzyme	NM 003347	7332	22q11.21	18620711	neg	1	1	2																							
chemokine (C motif) XC recept	NM_005283	2829	3p21.32	45303281	pos	0	1	2	0.91104	0.6716435	0.77674	0.71917614			0.51477754	0.95130265	0.13884486	1.3452786			0.12786	1.34528	0.577481519	0.9600474	0.849989905	0.5340845	0.82601069	0.66633788			
hypothetical protein FLJ12895	NM 023926	65982	19q13.43	59493662	pos	1	1	2	0.13974	1.88312657	0.19709	1.33722222			1.6154E-05	2.48285153	0.0012268	2.08837392	0.31982325	1.44851704	0.00083	2.16314	0.008983165	1.72741993	0.00053482	14.6496627	0.34742908	7.04274892	0.000153	19.3831	0.00486196
prolyl endopeptidase	NM 002726	5550	6q21	105561204	neg	1	1	1																							
ATPase inhibitor precursor	NM_016311	93974	1p35.3	26894954	pos	1	1	2	0.95954	0.61274382	0.71634	0.80985437	0.953075	0.68201655	0.65924795	0.87392248	0.51075135	0.9971342	0.08304384	2.1008337	0.77901	0.7985	0.324753072	1.09076257	0.931540678	0.47950156	0.87249241	0.60380852	0.762349	0.65236	0.79472557
granulin	NM 002087	2896	17q21.31	42164575	neg	1	1	0																	0.49112533	0.84822438	0.61263386	0.82864896			
corin	NM 006587	10699	4p12	47672508	neg	1	1	2	0.00029	3.62817344	0.55313	0.92154412	0.793743	0.67792967	0.698715	0.70646386							0.519325888	1.05158369	0.835887116	0.5495725	0.86572221	0.5857274	0.380791	1.11916	0.70128289
rhysin 2	NM 138287	151636	3q21.1	119004911	neg	1	1	2	0.21366	1.24217153	0.11275	1.49185452	0.956126	0.72595908	0.41564334	1.01599965	0.27897327	1.37316777	0.58858958	0.48623457	0.25302	1.41043	0.511395537	1.00743426	0.44563744	1.03387615	0.35943849	1.29251701	0.805686	0.59962	0.23601741
transmembrane 9 superfamily	NM 004800	9375	13q32.3	98513698	neg	1	1	2	0.20994	1.32540614	0.39224	1.09379845	0.951194	0.57921869	0.46608414	0.97841565	0.45114094	1.0351911			0.44303	1.03519	0.694267268	0.84361564	0.559183087	0.75173192	0.70063817	0.71969697	0.533275	0.8032	0.62885775
DKFZP564B167 protein	NM 015415	25874	1q24.2	165522184	neg	1	1	0																							
hypothetical protein FLJ21802	NM 024644	79697	14q24.3	71462692	neg	1	1	2	0.93164	0.58021957	0.65326	0.77781732			0.43295535	1.14241926	0.66467624	0.83429313			0.66352	0.83429			0.511426756	0.83621282	0.6561569	0.68806194			
hypothetical protein FLJ23360	NM 023076	65259	16p13.3	1431163	neg	0	1	2	0.76508	0.79603965	0.84142	0.68582365			0.25288573	1.94007772	0.48921122	1.0044264			0.48224	1.00443	0.527888271	1.00195403	0.549422253	0.96177522	0.42250965	1.07025505			
frequently rearranged in advar	NM 005479	10023	10q24.1	97972272	neg	1	1	2	0.49812	1.00003444	0.71016	0.81517857	0.961644	0.64404473	0.89722744	0.71192804	0.72272145	0.86574778	0.58117835	0.81911661	0.71212	0.86894	0.413376046	1.05442362	0.868586473	0.42306857	0.25593603	1.24622852	0.871199	0.54824	0.55190702
inhibitor of DNA binding 4, dor	NM 001546	3400	6p22.3	19895153	pos	1	1	2									0.76997645	0.66812411			0.77203	0.66812			0.263618661	1.40537719	0.38586918	1.20723363			
tumor endothelial marker 5 pre	NM 032777	25960	8p12	29364956	pos	1	1	2																							
ring finger protein 5	NM 006913	6048	6p21.33	32173326	neg	0	1	1	0.52668	0.98027958	0.56247	0.93575161	0.94641	0.70829434	0.36348271	1.13418049	0.2669295	1.19413388			0.25512	1.19413	0.25033014	1.15451174	0.366240698	1.05549036	0.20963155	1.34932561	0.682857	0.71476	0.775308
acidic repeat containing	NM 052957	93953	Xq13.1	66974320	neg	0	1	2																							

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adenosine deaminase, RNA-sp	NM 001111	103	1q22	152370562	pos	1	1	2																							
retinoid binding protein 7	NM_052960	116362	1p36.22	10018627	neg	1	1	0																							
GNAS complex locus	NM 016592	2778	20q13.32	57143211	pos	1	1	2	0.4917	1.00444219	0.55415	0.94261149	0.614578	0.94506118	0.45933783	0.96500937	0.39155814	1.00562269	0.39196747	1.00514645	0.37509	1.07134	0.089126963	1.26494434	0.282375865	1.03424847	0.13249578	1.495671	0.021973	2.22649	0.79718651
a disintegrin and metalloprotei	NM 001110	102	15q21.3	54446240	pos	1	1	2	0.6074	0.91473558	0.41109	1.08148379	0.557668	0.9470996	0.00429584	1.99853441	0.57406189	0.95727211	0.06154261	1.90245153	0.91308	0.65722	0.406923344	1.20485631	0.448489375	1.01159181	0.18238963	1.36377601	0.965657	0.3811	0.52727839
hypothetical protein FLJ13955	NM 024759	79815	8q22.2	98213443	pos	1	1	2																							
tripartite motif-containing 4	NM 033017	89122	7q22.1	98022812	neg	1	1	2	0.33961	1.13204455	0.1723	1.3794421	0.827795	0.84426752	0.40021766	1.04198394	0.32843151	1.14756029	0.59134457	0.55381601	0.307	1.15848	0.400318749	1.08559776	0.56558216	0.78553253	0.68486237	0.74502792	0.482971	0.90271	0.59779113
homeo box C8	NM 022658	3224	12q13.13	54414852	neg	1	1	1																							
chimerin (chimaerin) 2	NM 004067	1124	7p15.1	28876804	neg	1	1	2									0.77624847	0.69467249			0.77846	0.69467			0.276144976	1.19031391	0.26637154	1.30601381	0.604188	0.62063	
E2IG2 protein	NM_016565	51287	11q13.4	75911485	pos	1	1	0	0.61294	0.92070524	0.18815	1.33459413	0.751962	0.8310708	0.42588911	1.02279063	0.29031892	1.1649741	0.39803118	0.77972541	0.24766	1.20246	0.60523864	0.95662546	0.635354778	0.95007372	0.54422701	0.91689731	0.442749	0.962	0.45680019
EphB4	NM 004444	2050	7q22.1	98934960	neg	1	1	2									0.80133879	0.57827888			0.80417	0.57828									
cyclin-dependent kinase 9 (CD	NM 001261	1025	9q34.11	121663038	neg	1	1	1									0.95493016	0.48635435			0.95834	0.48635									
H3 histone family, member B	NM 003530	8351	6p22.2	26254583	neg	1	1	2	0.21004	1.29670028	0.49526	0.98971025	0.816824	0.72553845	0.95048929	0.50789464	0.57828098	0.49256382	0.5847845	0.42544521	0.47996	1.82028	0.968629615	0.49049244	0.152146315	1.86047272	0.50068359	0.72067615	0.117037	2.67023	0.8839077
CD47 antigen (Rh-related antig	NM 001777	961	3q13.12	104559573	neg	1	1	1	0.30827	1.19382458	0.08037	1.80835749	0.841112	0.68064724	0.40224039	1.1306375	0.30283261	1.16165165	0.49927526	0.63079145	0.29141	1.16165	0.560459988	0.97669167	0.155922621	1.18966015	0.11826182	1.66271005	0.176964	1.401	0.67105532
cation-chloride cotransporter-i	NM_020246	56996	7q22.1	98985148	neg	1	1	2	0.08303	1.46399995	0.11203	1.48703824	0.956484	0.75540946	0.44355082	0.99942922	0.32484617	1.12544522	0.66893352	0.48083386	0.28958	1.14629	0.632096285	0.9575312	0.32114486	1.1180506	0.34530676	1.19588745	0.574544	0.78368	0.18431751
chromosome 20 open reading	NM_080823	6725	20q13.33	62049647	neg	0	1	2																							
hypothetical protein FLJ22965	NM 022101	63932	Xq24	113489900	neg	0	1	2			0.25004	2.42083333	0.351117	1.69719173											0.576796299	0.50669085	0.79469465	0.38256317			
BRF2, subunit of RNA polymer	NM 018310	55290	8p12	29359034	pos	1	1	2	0.74785	0.77757312	0.56971	0.91208791	0.52046	0.9769411	0.58641536	0.6501375	0.42834159	1.05475753	0.55170394	0.55765313	0.41648	1.05706			0.382186649	1.10398855	0.50101132	0.96320346	0.379757	1.11765	0.53486784
vesicle-associated soluble NSI	NM_006370	10490	14q24.1	65623094	neg	1	1	2	0.60877	0.91134554	0.27067	1.25571374	0.460503	1.02007913	0.49469873	0.92680255	0.51122794	0.98631308			0.50495	0.98631	0.661212274	0.90457083	0.326528343	1.01291659	0.55727016	0.90050754	0.370253	1.08512	0.3040604
selenoprotein W, 1	NM 003009	6415	19q13.32	48928597	pos	1	1	2	0.16934	1.28454322	0.20146	1.3001779	0.986721	0.70908779	0.70878583	0.85547673	0.64269332	0.90560817	0.57089578	0.81704509	0.62817	0.91148	0.999999154	0.47907034	0.657034171	0.92360916	0.45894223	1.2279739	0.730526	0.70025	0.72791633
sine oculis homeobox homolo	NM 005413	6496	2p21	45167584	neg	0	1	2					0.715508	0.69045746	0.01575295	2.8937053	0.81864967	0.75158423			0.82185	0.75158									
centaurin, delta 1	NM 015230	116984	4p14	36052111	neg	1	1	2									0.25410048	1.39516827			0.2422	1.39517			0.570859323	0.87459807	0.52107547	0.63557654			
spermatogenesis associated 2	NM 006038	9825	20q13.13	48248408	neg	1	1	2									0.5973477	0.850473			0.59393	0.85047									
ribosomal protein S6 kinase, 9	NM 003942	8986	11q13.1	66642372	neg	1	1	2			0.33772	1.39476584					0.56667539	0.92917758			0.56222	0.92918			0.337393496	1.07658258	0.32128574	1.20572609			
neuronal PAS domain protein :	NM 002518	4862	2q11.2	99300734	neg	1	1	0																							
nudix (nucleoside diphosphate	NM 001161	318	9p13.3	34641786	neg	1	1	2	0.21669	1.2744855	0.06984	1.67772039	0.713058	0.88865936	0.58304384	0.86373367	0.51611433	0.99446263	0.70705309	0.59319683	0.45868	1.02392	0.483857433	1.03401671	0.546120986	0.54763754	0.55756549	0.91100882	0.593584	0.65015	0.67178906
myelodysplasia syndrome 1	NM 004991	4197	3q26.2	166134825	neg	1	1	0	0.00344	2.22029099	0.14739	1.40280987	0.05046	1.30141313	0.00594327	2.09828769	0.48136344	1.01072758	0.00738805	1.6739011	0.99826	0.4647	9.50663E-06	2.07766253	0.333541859	1.11142491	0.14918128	1.42459904	0.991446	0.26978	0.8928854
cytochrome b5 reductase b5R.	NM_016229	51700	11p15.4	8486405	pos	1	1	2	0.14703	1.34267619	0.18227	1.34113616	0.814585	0.85533484	0.36187433	1.06314946	0.99996118	0.29020776	0.50073257	0.75777837	0.99998	0.29021	0.528364908	1.00143315	0.000173384	3.43120931	0.00086288	4.82986006	0.001532	4.90824	0.01685086
homeo box HB9	NM 005515	3110	7q36.3	155028495	neg	1	1	0									0.91083904	0.44455024			0.91496	0.44455			0.328918882	1.19188564	0.48393455	0.99497277			
polycystic kidney disease (pol	NM 006071	10343	22q13.31	43217823	neg	1	1	2	0.78674	0.79707532	0.86351	0.66463298	0.478788	1.00458401	0.733827	0.86354348	0.54959115	0.97490346	0.28784381	1.27690274	0.68142	0.88217	0.623625406	0.95581567	0.841159141	0.60543065	0.48755437	0.99463369	0.864637	0.571	0.79308229
NAD(P)H dehydrogenase, quin	NM 000904	4835	6p25.2	2985229	pos	1	1	2																	0.541094066	0.8298533	0.58670271	0.67099567			
SH3-domain binding protein 2	NM 003023	6452	4p16.3	2809446	neg	1	1	0	0.61595	0.92128479	0.86966	0.66631763	0.073238	1.37051866	0.01891777	1.55786117	0.105552	1.57487354	0.07681976	1.67660106	0.58764	0.7607	0.205538585	1.17072486	0.389600562	1.05728892	0.28577457	1.25311943	0.727121	0.71493	0.4351053
hook1 protein	NM 015888	51361	1p32.1	60206194	neg	1	1	2									0.71857623	0.73629048			0.71915	0.73629			0.205147713	1.45995282	0.26400587	1.4113538			
amiloride-sensitive cation chai	NM 020321	9311	7q36.1	148992598	neg	0	1	2	0.15366	1.30325053	0.62879	0.88718154	0.368252	1.05442252	0.43084817	1.00612148	0.72840804	0.87367653	0.89270896	0.38467129	0.6046	0.94059	0.783779859	0.90890633	0.31973428	1.02651017	0.61777992	0.88509317	0.318778	1.10915	0.46402818
frizzled homolog 3 (Drosophila	NM 017412	7976	8p21.1	28134736	neg	1	1	2									0.3067812	1.30147771			0.29542	1.30148			0.578776656	0.60463855	0.78640715	0.49034299			
KIAA1036 protein	NM 014909	22846	14q24.3	74734575	neg	1	1	2									0.31607019	1.2692909			0.30484	1.26929			0.161201745	1.55956974	0.19144595	1.55966675			
AU RNA binding protein/enoyl-	NM 001698	549	9q22.31	84815794	neg	1	1	2					0.750967	0.60916608			0.4504021	1.05412955			0.44227	1.05413			0.652112652	0.6945347	0.72636103	0.7325487			
nidogen 2	NM 007361	22795	14q22.1	49794167	neg	1	1	2	0.00513	2.14524864	0.05335	1.72256773	0.871268	0.83350255	0.38683682	1.03247369	0.55652386	0.91139458	0.59573607	0.83080364	0.39498	1.69433	0.05377235	1.30707013	0.000210701	3.32256656	0.00224646	3.61904762	0.000623	6.20602	0.00029459
hypothetical protein FLJ20506	NM 017848	54954	Xp11.22	51052184	pos	1	1	2									0.70098822	0.74819443			0.70101	0.74819			0.130854931	2.88513962	0.18450487	2.33044733			
RA-regulated nuclear matrix-as	NM 016448	51514	#N/A	#N/A		1	1	2	0.24273	1.24582335	0.08486	1.71616541	0.939842	0.6878597	0.41334678	1.06467095	0.20083609	1.33995546	0.64760364	0.5806294	0.15951	1.40479	0.495342648	1.02654333	0.362386278	1.16705962	0.43906921	1.09072087	0.629588	0.62976	0.78611793
gastrin-releasing peptide	NM 002091	2922	18q21.32	56719528	pos	1	1	2	0.40445	1.10492005	0.50814	0.97722786	0.382215	1.09170828	0.15640295	1.64507631	0.60050018	0.9174242	0.45162766	0.88539263	0.58601	0.92198	0.629019948	0.92762667	0.21650854	1.11581195	0.09068667	1.63622474	0.296739	1.27088	0.28235672
thyroid hormone receptor-asso	NM 005119	9967	1p34.3	36510474	neg	1	1	2	0.20337	1.41996422	0.18924	1.45311573	0.94118	0.58687763	0.61570047	0.81680701	0.55958105	0.89380073	0.45918292	0.77363952	0.54409	0.90915	0.671502541	0.80162437	0.282080109	1.2034321	0.35224976	1.19194365			0.54479753
choline kinase-like	NM 005198	1120	22q13.33	47521420	neg	1	1	1																							
homeo box C4	NM 014620	3221	12q13.13	54370805	neg	0	1	1									0.91931782	0.44024023			0.92339	0.44024									
tyrosine 3-monooxygenase/try	NM 003404	7529	20q13.12	43242834	pos	1	1	2	0.01895	1.77615227	0.06828	1.64133248	0.668857	0.9261139	0.45466231	0.98483065	0.29188406	1.14638729	0.84519195	0.4465862	0.17776	1.25494	0.151988811	1.17289951	0.237308067	1.23506491	0.08107145	1.71411255	0.748464	0.6782	0.17960468
HLA-B associated transcript 5	NM 021160	7920	6p21.33	31718123	neg	0	1	2																							
adenylate kinase 1	NM 000476	203	9q34.11	121743370	neg	1	1	2																							
proprotein convertase subtilis	NM 004716	9159	11q23.3	119428364	neg	1	1	2																							
signal recognition particle 54k	NM 003136	6729	14q13.2	32830291	pos	1	1	1	0.14699	1.44417281	0.16425	1.46018519	0.661875	0.84543117	0.35937979	1.12756852	0.31256894	1.20617201			0.30129	1.20617	0.570018244	0.92391935	0.362546991	1.05840547	0.48513435	0.99449036	0.538053	0.74751	0.50317226
unc-119 homolog (C. elegans)	NM 054035	9094	17q11.2	26718898	neg	1	1	2																							
ribosomal protein L10	NM 032241	6134	Xq28	147690119	neg	1	1	0			0.14624	2.89889706	0.085828	1.46838601	0.39148473	1.04089404	0.18926272	1.58987039			0.17744	1.58987			0.991824476	0.14331123	0.99842251	0.15345351			0.89139587
ubiquilin 2	NM 013444	29978	Xp11.1	53424466	cen	1	1	1																							
CGI-86 protein	NM_016029	51635	14q23.1	57937532	pos	0	1	0									0.74571006	0.66493669			0.74709	0.66494									
ATP-binding cassette, sub-fam	NM 007188	11194	7q36.1	148972173	neg	0	1	2	0.49698	1.00118678	0.41154	1.10820942	0.798088	0.79857039	0.29260615	1.2652384	0.76045144	0.7489028			0.76225	0.7489			0.253321676	1.31028106	0.31848987	1.28707712	0.464067	0.88032	
NFS1 nitrogen fixation 1 (S. ce	NM 021100	9054	20q11.22	34015372	pos	1	1	2	0.08409	1.57545872	0.04523	1.98253119	0.760981	0.79540013	0.49824722	0.86742283	0.55363729	0.93936409	0.45185625	0.75398986	0.5392	0.9498	0.163759235	1.53643527	0.27857841	1.32626828	0.34992799	1.27032227	0.618499	0.62321	0.39759099
erythrocyte membrane protein	NM 001431	2037	6q23.1	130820040	neg	1	1	0																							
matrilin 3	NM 002381	4148	2p24.1	20083092	pos	1	1	2			0.1659	2.52031963	0.485853	1.00609969			0.71820048	0.73841269			0.71876	0.73841			0.195605921	1.86249567	0.28172089	1.58175158			
esophageal cancer related gen	NM 032411	84417	2q12.2	104546214	neg	1	1	2	0.02326	2.04762575	0.02733	1.98263458	0.153245	1.18255768	0.89442006	0.73139454	0.05049729	1.83140657	0.20726691	1.5231792	0.05709	2.15869	0.088756966	1.52477224	0.000684771	3.33367072	0.01991031	2.70362354	0.000389	9.24979	0.01822285
histone deacetylase 2	NM 001527	3066	6q21	114097240	neg	1	1	1	0.09674	1.91441853	0.28037	1.29802778					0.53004194	0.96679665			0.52437	0.9668	0.437424671	1.22398099	0.336854087	1.16852584	0.48766308	0.98897135	0.642113	0.56541	
KIAA1100 protein	NM 014901	22838	5q35.2	176300920	pos	1	1	2	0.15451	1.34809126	0.13389	1.49733025	0.849445	0.7986829	0.3988805	1.08031698	0.37063595	1.13764205			0.36045	1.13764	0.207520338	1.20615256	0.336831426	1.09549076	0.33775548	1.19637938	0.624536	0.70588	0.34217621
golgi SNAP receptor complex	NM 004871	9527	17q11.2	28557611	neg	1	1	2									0.43225335	1.08313933			0.4236	1.08314			0.330667444	1.17202743	0.49669129	0.97101972			
phosphatidylinositol 4-kinase	NM 018425	55361	10q24.2	98293693	pos	1	1	2	0.51458	0.98682619	0.34216	1.14911817	0.578661	0.94080646	0.80252712	0.62720564	0.64237781	0.86913733	0.4889319	0.63306818	0.64027	0.86929	0.437322874	1.05941033	0.597191542	0.69418944	0.52698805	0.95128777	0.662383	0.63963	0.58281033
nuclear receptor coactivator 5	NM 020967	57727	20q13.12	44418113	pos	1	1	2									0.37673119	1.24127721			0.36668	1.24128									
GCN5 general control of aminc	NM 001487	2647	12q13.2	56034223	pos	1	1	2			0.27649	1.64113636	0.760732	0.72400287	0.50332237	0.83879679	0.0132178	3.77488416			0.01054	3.77488			0.897313746	0.10061334	0.99056903	0.06854257			
hypothetical protein FLJ14621	NM_032811	84897	11q24.2	126493724	neg	1	1	2	0.43439	1.09203587	0.09047	2.79433333	0.457849	1.03592526			0.2426164	1.33194563			0.23067	1.33195			0.311526439	1.15974007	0.40153096	1.12554113			
nuclear receptor subfamily 3, c	NM 000176	2908	5q31.3	142559165	neg	1	1	0																							
hypothetical protein MGC3130	NM 024032	78995	17q21.31	41961317	neg	1	1	2	0.39601	1.06860867	0.61781	0.6256014	0.819382	0.85662028	0.71209138	0.87554524	0.44605424	1.02360825	0.13376266	1.24059827	0.85979	0.77845	0.997494965	0.66625498	0.373383487	1.08348158	0.08138968	1.63654215	0.960183	0.40701	0.68215527
chromosome 21 open reading	NM 004649	8209	21q22.3	42063352	neg	1	1	2																	0.503750756	0.71429243	0.69786546	0.4883658			
hypothetical protein MGC4093	NM 030578	80776	19q13.2	42499822	pos	1	1	2	0.50685	0.99149768	0.46822	1.01564996	0.722434	0.83137467	0.4538116	0.88677994	0.46146165	1.02995503	0.55021325	0.71293098	0.4487	1.03338	0.448705184	1.09901061	0.300176456	1.20154064	0.38550405	1.15760782	0.610467	0.61765	0.77361398
sema domain, immunoglobulir	NM 006379	10512	7q21.11	78907331	pos	1	1	2									0.9119267	0.42121854			0.91604	0.42122									
endoplasmic reticulum resider	NM_024089	79070	13q33.1	101796601	pos	1	1	2																							
hypothetical protein dJ122O8.:	NM 020466	57226	6q15	90292726	neg	1	1	2	0.82393	0.76656878	0.81098	0.72812423	0.315658	1.08784914	0.6751272	0.86077747	0.5397442	0.99088089	0.41775257	0.96688245	0.47387	1.00924	0.850681583	0.82728462	0.817545071	0.56063267	0.76184721	0.71969697	0.480302	0.51754	0.92657703
G antigen 2	NM 001472	2574	Xp11.23	47961575	neg	0	1	0	0.41892	1.05217856	0.98235	0.46202437	0.129424	1.17370839	0.47569837	0.98720097	0.96278317	0.74317831	0.99998322	0.26980816	0.35717	1.07198	0.766063267	0.91759516	0.194415205	1.27911641	0.81818745	0.71254631	0.637945	0.80408	0.99792842
cholinergic receptor, nicotinic,	NM 000750	1143	15q24.3	74970152	neg	1	1	2	0.36973	1.13979034	0.2615	1.28568627	0.955293	0.63098463	0.28909054	1.18702656	0.56544608	0.9341997	0.55221504	0.69352937	0.55338	0.94146	0.972805681	0.45587795	0.144813344	1.1958602	0.05200209	2.0254329	0.316584	1.18868	0.17693782
protein kinase C and casein ki	NM 007229	11252	22q13.2	39868209	pos	1	1	2	0.38704	1.13123811	0.07748	2.44065817	0.846855	0.63986832			0.26483695	1.27634229			0.25301	1.27634			0.310159439	1.36059277	0.42705254	1.16681768			
actinin, alpha 1	NM 001102	87	14q24.1	66846267	neg	1	1	2	0.13408	1.45022447	0.09371	1.68956743	0.468333	1.01984947	0.31880646	1.21637402	0.65284219	0.91487199	0.42165959	0.94289936	0.64452	0.87573	0.613251605	0.91561651	0.22260616	1.31907826	0.19412149	1.49814471	0.674847	0.6024	0.48669146
splicing factor, arginine/serine	NM 003016	6427	17q25.1	74563871	neg	1	1	2	0.14283	1.34777677	0.067	1.69481859	0.850057	0.80823087	0.41969799	1.0225007	0.60104191	0.61603679	0.60568496	0.56099408	0.49603	0.95466			0.308378628	1.21119846	0.45705328	1.04184704	0.567225	0.73529	0.54083473
hypothetical protein FLJ10751	NM 018205	55222	10q22.1	70820402	neg	1	1	2	0.82142	0.73326906	0.77975	0.71858432	0.240549	1.47614462	0.32605477	1.11829539	0.65745534	0.88490147	0.17466602	3.43977527	0.73717	0.81995	0.94043026	0.5852998	0.896861772	0.47578394	0.86024209	0.62229437	0.64197	0.67592	0.33554151
protein kinase D2	NM 016457	25865	19q13.32	47821397	pos	1	1	2									0.56400806	0.91836206			0.55946	0.91836			0.369398673	1.04622714	0.53126056	0.92532468			
spectrin SH3 domain binding p	NM 005470	10006	10p12.1	26772108	pos	1	1	2																							
wingless-type MMTV integratic	NM 033131	89780	1q42.13	226691957	neg	1	1	2			0.20229	2.52192308					0.46498931	1.03086925			0.45728	1.03087			0.248589571	1.29718027	0.31225176	1.27782931			
hypothetical protein FLJ20156	NM 017691	54839	15q23	66980270	pos	1	1	2	0.29222	1.22232147	0.2155	1.3757326	0.963585	0.51670733			0.11109419	1.56492655			0.10097	1.56493			0.495690284	0.89590412	0.48613853	0.99466425			
neurotrimin	NM 016522	50863	11q25	133783727	neg	1	1	2																	0.369257907	1.12461936	0.54313128	0.80194805			
tropomodulin 2 (neuronal)	NM 014548	29767	15q21.2	47601195	neg	1	1	2																							
DnaJ (Hsp40) homolog, subfar	NM 005880	10294	16q11.2	37401104	var	1	1	1	0.71958	0.84355069	0.24492	1.26411309	0.904735	0.76629681	0.35934547	1.0794373	0.64051561	0.88897478			0.63856	0.88897	0.552240061	0.98645596	0.323949344	1.12133489	0.22416146	1.35446076	0.775077	0.58688	0.39641719
eukaryotic translation initiatio	NM 001968	1977	4q23	100046824	neg	1	1	2	0.29294	1.16960898	0.41197	1.06628254	0.940175	0.76381074	0.79577463	0.697264	0.58216816	0.82969195	0.61544681	0.64401374	0.49375	0.98107	0.533809302	0.99841318	0.734879034	0.63712338	0.43988502	1.0455646	0.824242	0.55896	0.83578543
C3HC4-type zinc finger protein	NM 024835	79893	17q12	34296080	pos	1	1	0					0.176386	2.57564124			0.54471691	0.94846914			0.53953	0.94847			0.368342027	1.04796954	0.47483473	1.01071245			
ATPase, H+ transporting, lysos	NM_001690	523	3q13.2	110248634	neg	0	1	2					0.385014	1.1698466			0.69058188	0.73819806			0.69027	0.7382			0.32429293	1.32271211	0.51209032	0.91741592			
G protein-coupled receptor 75	NM 006794	10936	2p16.2	54117962	neg	1	1	2	0.16338	1.33324231	0.44159	1.03715173	0.635117	0.90743782	0.30178582	1.46781371	0.65776292	0.94030042	0.42046226	0.96301572	0.65985	0.89715	0.999185598	0.54896572	0.345772158	1.07106951	0.70062954	0.813943	0.133202	1.45645	0.02953063
transmembrane protein 5	NM 014254	10329	12q14.2	63812635	neg	1	1	2																							
microtubule-associated protei	NM 003980	9053	6q23.3	136287584	neg	1	1	2	0.4283	1.0837427	0.06505	2.16358785	0.247668	1.61836891			0.60286011	0.87348426			0.59963	0.87348			0.279588184	1.3274212	0.43155617	1.0966811			
solute carrier family 19, memb	NM 025243	80704	2q36.3	226571027	pos	1	1	1	0.64557	0.87075312	0.62901	0.86458333	0.17977	1.244982	0.60496928	0.84478987	0.47271653	1.01640182			0.46524	1.0164	0.35262417	1.43999689	0.690747486	0.64524595	0.73733238	0.70990517	0.602122	0.61176	
hypothetical protein DKFZp56(	NM 032128	84068	4q31.22	148148565	neg	1	1	2	0.096	1.4627491	0.15309	1.42695195	0.930614	0.78650851	0.61741048	0.84574439	0.27916044	1.18546245	0.68587184	0.48783631	0.23498	1.22334	0.50552713	1.01206277	0.626262194	0.74826961	0.59187039	0.88846688	0.711859	0.63795	0.69996466
hypothetical protein FLJ21144	NM 022774	64789	1p34.2	41009531	pos	1	1	2	0.3007	1.1903025	0.18229	1.39792546	0.617943	0.90355939	0.28452204	1.14493935	0.10408622	1.43940614	0.24828569	1.38822873	0.12935	1.46525	0.469825812	1.0419216	0.320405173	1.16550926	0.48067598	1.00131752	0.598873	0.61101	0.58788148
SNARE associated protein sna	NM 012437	23557	1q21.3	151479678	neg	1	1	2	0.35371	1.10091125	0.55514	0.94324346	0.198218	1.1350496	0.84696689	0.81222128	0.2011952	1.17090449	0.14248655	1.38965794	0.3755	1.07244	0.627258988	0.96559494	0.869151139	0.58812293	0.7089684	0.80258215	0.8632	0.56448	0.76603444
mevalonate (diphospho) decar	NM 002461	4597	16q24.3	80154536	neg	1	1	2	0.07619	2.09875114	0.15322	1.63265504	0.999955	0.32701901			0.8679739	0.72206054			0.87194	0.72206	0.191120664	1.41666487	0.228096594	1.23864999	0.13603752	1.5412096			0.38951111
Cdc42 effector protein 3	NM_006449	10602	2p22.2	37836826	neg	1	1	2									0.71047286	0.73921351			0.7108	0.73921									
RAN binding protein 2	NM 006267	5903	2q12.3	107241261	pos	1	1	2	0.68704	0.8273775	0.98283	0.35616406	0.379363	1.0754057	0.67972319	0.85595212	0.37322429	1.08136474	0.33788941	1.11070088	0.51916	0.97676			0.148960479	1.22394119	0.16584657	1.60894661	0.238389	1.32759	0.71318635
chromosome 6 open reading fı	NM_014320	23593	6q23.3	138348620	neg	1	1	2	0.18971	1.46105802	0.09894	1.73737288	0.851584	0.5878071			0.66211362	0.84386218			0.66088	0.84386	0.255284259	1.66422367	0.328218672	1.15276879	0.33978211	1.23376623	0.415734	1.00471	0.44690429
N-methylpurine-DNA glycosyla	NM 002434	4350	16p13.3	148284	neg	1	1	0																							
stromal membrane-associated	NM 021940	60682	6q13	71336017	neg	1	1	1	0.08305	1.60234476	0.07942	1.67003454					0.38913557	1.0917963			0.37937	1.0918	0.925409202	0.42992569	0.549638195	0.88988663	0.56649871	0.88778946	0.595462	0.77579	0.21961718
hypothetical protein FLJ10511	NM 018120	55156	8q13.1	65916058	neg	1	1	2									0.46442325	1.11703138			0.4567	1.11703									
solute carrier family 38, memb	NM 030674	81539	12q13.11	46658942	neg	1	1	1	0.04135	1.62079879	0.07444	1.61404331	0.934526	0.77995721	0.64722535	0.83600152	0.14603142	1.32164733	0.82238296	0.48779214	0.06873	1.48726	0.212902304	1.1434453	0.57249236	0.95198959	0.24988101	1.29308192	0.652098	0.74751	0.25783162
HSPC048 protein	NM 014148	29061	11q21	98452611	neg	1	1	2	0.02657	1.71911285	0.07042	1.63463255	0.916811	0.77121927	0.50788043	0.8366825	0.53125294	0.85263866	0.5256225	0.85263866			0.620859002	0.96878876	0.902153846	0.36832508	0.99462972	0.05400324	0.600102	0.81672	0.98611859
topoisomerase (DNA) III beta	NM 003935	8940	22q11.22	19010095	pos	1	1	1									0.71250457	0.71689937			0.71289	0.7169									
winged helix/forkhead transcri	NM 033260	94234	6p25.3	1297939	neg	1	1	1	0.22011	1.26759245	0.09948	1.55891026	0.963217	0.70662904	0.5139485	0.95080627	0.42552107	1.07114821	0.52040721	0.31414671	0.41639	1.07142	0.162618632	1.2710076	0.370609109	1.03384511	0.3338935	1.18126554	0.631576	0.58824	0.4988827
hypothetical protein MGC1327	NM 032355	84315	3p21.31	50074298	neg	1	1	1	0.67744	0.8794272	0.84516	0.69431673	0.683306	0.90782588	0.80777365	0.75565061	0.64629757	0.95175418	0.41682939	0.96757761	0.64236	0.9117	0.700621501	0.90952195	0.75799381	0.6539718	0.51661439	0.96555618	0.789876	0.60928	0.76811936
hypothetical protein FLJ11193	NM 018356	55322	5p13.3	31316849	neg	1	1	2	0.2009	1.30186132	0.24474	1.26279391	0.914348	0.73979499	0.56713828	0.84206408	0.34380075	1.07497926	0.37707992	1.06787968	0.38154	1.08763	0.3983167	1.14284503	0.616186544	0.8408831	0.47275848	1.01100289	0.73886	0.57976	0.49618772
hypothetical protein FLJ13657	NM 024828	79886	9p21.2	27152096	neg	1	1	2	0.19884	1.59934032	0.43671	1.05511618	0.423922	1.05597605	0.48048373	0.94373009	0.53746964	0.96255741			0.53204	0.96256			0.648601388	0.6940085	0.69152224	0.76706065	0.617838	0.60919	0.52556703
ninjurin 1	NM 004148	4814	9q22.31	86710434	neg	1	1	2									0.71216692	0.67893403			0.71254	0.67893									
X-ray repair complementing de	NM 005431	7516	7q36.1	150590207	neg	1	1	2	0.59903	0.93330169	0.62574	0.88721193	0.335095	1.07043813	0.63044211	0.8995956	0.25215536	1.13703178	0.11166438	1.62729115	0.43259	1.03532	0.185792251	1.16588991	0.956000417	0.44231923	0.86594588	0.61927414	0.887765	0.50758	0.57037329
nuclear protein double minute	NM 020128	56890	12q15	68234807	neg	1	1	2	0.11921	1.39889797	0.18637	1.33397558	0.769222	0.88733198	0.65804028	0.8745517	0.34095372	1.12413529	0.74127982	0.54856398	0.25696	1.19893	0.553156247	0.99086811	0.759291161	0.53907087	0.35582056	1.13997114	0.798514	0.61101	0.47996471
chromosome 11 open reading	NM 020645	56675	11p15.4	9896723	pos	1	1	2	0.32806	1.16262828	0.4668	1.01690623	0.464175	1.02313172	0.20510071	1.29106018	0.40125232	1.08349298			0.39179	1.08349	0.363217058	1.23451236	0.560404657	0.90655405	0.30596324	1.19609398	0.670273	0.67255	0.59039882
nucleolar autoantigen (55kD) s	NM 006455	10609	17q21.2	39513218	pos	1	1	2									0.13902618	1.955593			0.12804	1.95559									
proline arginine-rich end leucii	NM 002725	5549	1q32.1	201269331	neg	1	1	0	0.34507	1.23280618	0.50183	0.9730226	0.790801	0.69229457			0.83676974	0.7511289			0.84031	0.75113			0.571017564	0.99009457	0.25206061	1.26623377	0.592423	0.61765	
galactosidase, alpha	NM 000169	2717	Xq22.1	95944570	neg	0	1	1	0.23281	1.27766319	0.33912	1.16957322	0.150702	1.22157196	0.79454096	0.81742136	0.82829301	0.70573086	0.8472653	0.36176887	0.73558	0.78237	0.345508474	1.20125892	0.860081779	0.54250639	0.75131258	0.73792638	0.817039	0.48179	0.99267361
phospholipase C, gamma 1 (fo	NM 002660	5335	20q12	39494699	pos	1	1	2																							
proprotein convertase subtilis	NM 013271	27344	Xp11.23	47492277	neg	1	1	2																							
5-hydroxytryptamine (serotoni	NM 000868	3358	Xq23	108837458	pos	0	1	2									0.6381986	0.85230005			0.63616	0.8523			0.31345723	1.11670377	0.17502584	1.43757423	0.716569	0.60612	
6-pyruvoyl-tetrahydropterin sy	NM 000281	5092	10q22.1	71428304	neg	1	1	1																							
integral type I protein	NM 007364	23423	15q25.1	75545306	pos	1	1	2																							
Williams Beuren syndrome chı	NM 032951	51085	7q11.23	71647982	neg	1	1	2	0.51261	0.98983218	0.45858	1.02254029	0.228117	1.16040176	0.750898	0.81937285	0.44654245	1.03212335	0.48564867	0.87324111	0.43744	1.03263	0.233260157	1.21588979	0.614898139	0.96217576	0.39697964	1.09818753	0.838823	0.53263	0.63703941
ets variant gene 6 (TEL oncoge	NM 001987	2120	12p13.2	11530971	pos	1	1	2									0.33895532	1.37567274			0.32812	1.37567									
Lsm3 protein	NM 014463	27258	3p25.1	14149631	neg	1	1	2	0.16983	1.3334203	0.2022	1.32213815	0.888035	0.76547131	0.44113236	1.06653078	0.4181751	1.06227162	0.65523036	0.45556557	0.38756	1.07874	0.619900179	0.95700527	0.355219027	1.0625503	0.37010077	1.14413364	0.490909	0.8642	0.408955
hypothetical protein MGC1210	NM 130809	133619	5q23.2	126391068	neg	1	1	2																							
hydroxymethylbilane synthase	NM 000190	3145	11q25	135472429	neg	0	1	0	0.57414	0.9389873	0.66984	0.82294962	0.527809	0.97116844	0.52717188	0.61279676	0.5065303	0.99090088			0.5001	0.9909	0.439183843	1.21561507	0.153159963	1.47563431	0.10005664	1.76896163	0.739469	0.58204	0.72214346
Niemann-Pick disease, type C2	NM 006432	10577	14q24.3	72473581	neg	1	1	1									0.3183743	1.32933084			0.30718	1.32933			0.313235759	1.24934146	0.45117869	1.06669372			
breast cancer 1, early onset	NM 007295	672	17q23.3	62255833	neg	0	1	2	0.74717	0.76877485	0.66333	0.78911142	0.356324	1.11093802	0.66005868	0.49567724	0.57540329	0.93481188			0.57124	0.93481	0.402878072	1.32446283	0.663720337	0.62911613	0.54848202	0.92943723	0.648721	0.60581	0.51109261
deoxycytidine kinase	NM 000788	1633	4q13.3	71816548	pos	1	1	2	0.13829	1.3653135	0.09131	1.58911097	0.490734	0.99977049	0.58569546	0.91612882	0.28713598	1.19770269			0.27552	1.1977	0.639377314	0.9418028	0.547779595	0.88470473	0.44469953	1.04646179	0.635917	0.70588	0.49539963

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enoyl-Coenzyme A, hydratase/3-	NM_001966	1962	3q27.2	181831121	pos	1	1	2									0.66299065	0.7758774			0.66178	0.77588			0.204110898	3.05390136	0.27920256	2.31798505			
hypothetical protein BC014072	NM_138463	116238	17q11.2	26897084	neg	1	1	2									0.05123963	2.5296569			0.04444	2.52966			0.300467192	1.45818406	0.48374363	0.99386724			
ubiquitin-conjugating enzyme E2	NM_003336	7319	Xq24	113526343	neg	1	1	2	0.15735	1.38338794	0.07795	2.06530374	0.874708	0.68810224	0.31726765	1.22839932	0.38156546	1.08458043	0.3762236	1.19911266	0.41588	1.06008	0.812349888	0.74786293	0.554109168	0.69947248	0.50590983	0.80508475	0.494067	0.82353	0.80661982
phosphorylase kinase, alpha 1 (r	NM_002637	5255	Xq13.1	67527622	neg	1	1	1	0.14605	1.37334134	0.132	1.49950752	0.669298	0.85180372	0.54555417	0.82212285	0.29622391	1.17728151			0.28472	1.17728	0.481508341	1.03701333	0.486933282	0.9993266	0.92220655	0.57159606	0.267989	1.29302	0.65401011
BCL2-associated athanogene 4	NM_004874	9530	8p12	37574394	pos	1	1	2	0.20235	1.25662978	0.29225	1.19510634	0.988768	0.69546733	0.62566737	0.89505516	0.3125991	1.11577075	0.88815628	0.57396854	0.1114	1.33523	0.793511489	0.87515055	0.771459623	0.65307984	0.45205623	1.02813853	0.7765	0.61845	0.79856753
family with sequence similarity 8,	NM_016255	51439	6p22.3	17658123	pos	1	1	2	0.26613	1.25891458	0.26408	1.25808182	0.657951	0.82137685	0.70595841	0.70865444	0.10685813	1.6889768			0.0969	1.68898	0.627579121	0.85745953	0.178613676	1.24011075	0.2166342	1.37234143	0.220708	1.74282	0.49581122
phosphotidylinositol transfer prot	NM_012399	23760	22q12.1	24943755	pos	1	1	2	0.08752	1.49956276	0.07843	1.61342961	0.900844	0.80827127	0.51066716	0.96033825	0.00153533	2.2695132	0.62040415	0.69580586	0.00063	2.418	0.422594749	1.05521601	0.564753649	0.76178533	0.38780029	1.09986912	0.495051	0.90026	0.53416571
chromosome 11 hypothetical pro	NM_020155	56834	11q13.1	66569060	neg	1	1	1									0.25882164	1.4635893			0.24695	1.46359									
Splicing factor, arginine/serine-ric	NM_032102	10929	11q21	97130423	neg	1	1	2	0.527	0.95798617	0.28877	1.37955373	0.664693	0.76916921	0.37922726	1.23057679	0.11545476	2.58547583			0.10517	2.58548			0.039288319	1.84585807	0.16563046	1.55879067	0.019746	4.8164	0.42239117
chromosome 5 open reading frar	NM_016605	51307	5q31.2	137551566	pos	0	1	2	6.9E-05	5.28434539	0.51325	0.95603704			0.04112068	3.89606023	0.03165743	2.07842072	0.00070452	6.37623216	0.57888	0.90535	0.052473139	4.7843647	0.314503162	1.09081838	0.10758837	1.56776925			0.13627589
DEAD/H (Asp-Glu-Ala-Asp/His) b	NM_004941	1659	17q21.31	41326219	neg	1	1	2	0.62279	0.87591226	0.43	1.06669372	0.659435	0.87748793	0.67678657	0.55359612	0.10763	1.28259783	0.38415784	1.06636335	0.01429	2.43343	0.533963709	0.94200396	0.30117089	1.20137917	0.78480157	0.62275819	0.232455	1.73152	0.5352394
tryptophanyl tRNA synthetase 2 (	NM_015836	10352	1p12	120022024	pos	1	1	2	0.60758	0.80968588	0.38636	1.14348118	0.160242	2.2111175			0.48217619	1.01620853			0.47499	1.01621			0.605178677	0.64385128	0.77663793	0.5026455	0.410529	1.02439	0.5075036
orthodenticle homolog 1 (Drosop	NM_014562	5013	2p15	63406344	neg	1	1	2									0.51222618	0.97719162			0.50598	0.97719			0.252076193	1.52106677	0.37103589	1.27356514			
FK506 binding protein 2 (13kD)	NM_004470	2286	11q13.1	66524142	neg	1	1	2	0.13804	1.57058979	0.13422	2.01571429	0.78206	0.765255	0.50436734	0.86706286	0.12926522	1.92834097			0.11854	1.92834			0.183668514	1.39162754	0.16395025	1.54965807			
engrailed homolog 1	NM_001426	2019	2q14.2	116805192	neg	0	1	2	0.48014	1.01303606	0.36386	1.13373188	0.860719	0.76624387	0.19936567	1.37025028	0.42017446	1.06591055	0.44100764	0.77613986	0.40025	1.0756	0.41818278	1.23673261	0.002520847	2.31773949	0.00398696	3.18944844	0.009621	3.07128	0.15793795
hypothetical protein FLJ14399	NM_032780	84866	11q23.3	120758560	neg	1	1	2	0.15356	1.55405183	0.04476	2.66419753	0.905354	0.59996823			0.58948177	0.90096939			0.5858	0.90097			0.184199195	1.49618395	0.22544919	1.48207139			
LRP16 protein	NM_014067	28992	11q13.1	66182650	neg	1	1	2	0.29614	1.16585719	0.22452	1.29337669	0.895484	0.79515264	0.38762632	1.14945769	0.56013727	0.83653765	0.5976773	0.55139102	0.50376	0.98588	0.754283608	0.88682762	0.550133351	0.96269289	0.41323208	1.08178054	0.556576	0.74692	0.53522998
cleavage stimulation factor, 3' pre	NM_001326	1479	11p13	34638195	neg	1	1	2	0.20596	1.25829516	0.38123	1.10533226	0.966542	0.71608886	0.51784839	0.95421321	0.25310658	1.17951836	0.75367372	0.70329253	0.12633	1.35322	0.929305272	0.75138749	0.617631317	0.77376424	0.46932069	1.01209665	0.569975	0.82353	0.63607371
LIM and senescent cell antigen-l	NM_004987	3987	2q12.3	107110091	pos	1	1	0																	0.54269273	0.89773756	0.60363996	0.74993634			
retinal outer segment membrane	NM_000327	6094	11q12.3	64893599	pos	1	1	0	0.26748	1.23896546	0.32769	1.21204284	0.400513	1.06674561	0.38246901	1.36914428	0.38246812	1.10513647			0.37255	1.10514	0.632509625	0.84075623							0.48011588
chromosome 20 open reading fra	NM_019025	54498	20p13	4140413	neg	1	1	0	0.59274	0.89928058	0.18705	1.69623016					0.27214113	1.32251807			0.26037	1.32252			0.323316597	1.10779154	0.34309484	1.19079925			
glutamate receptor, ionotropic, ka	NM_000830	2897	21q21.3	27503301	pos	0	1	2	0.02103	1.75532736	0.453	1.02632511	0.01585	1.54043273	0.00083298	1.97872349	0.02246445	1.44939215	4.8787E-05	2.74145434	0.79334	0.81831	0.001482037	1.73046175	0.125766545	1.43112867	0.05403766	1.78447032	0.904566	0.53131	0.38273218
cisplatin resistance-associated o	NM_016424	51747	17q21.33	48510121	neg	1	1	2	0.75455	0.81935817	0.78939	0.75006978	0.65005	0.9349969	0.64295063	0.89525626	0.18325839	1.26322219	0.42750859	0.92450658	0.09929	1.47217	0.693144549	0.89717162	0.825539162	0.62312492	0.54980702	0.93978287	0.68951	0.70458	0.72101163
msh homeo box homolog 1 (Dros	NM_002448	4487	4p16.2	4739260	pos	1	1	2																							
procollagen C-endopeptidase en	NM_013363	26577	3q23	139515968	neg	1	1	2	0.1376	1.85330328	0.12556	3.74544025	0.95738	0.52113589	0.3992205	1.17734321	0.29486304	1.23107923			0.28334	1.23108			0.485580325	0.87103237	0.55246683	0.91264899			
U6 snRNA-associated Sm-like pr	NM_016200	51691	7q31.31	116302052	pos	1	1	2	0.15093	1.63494943	0.28805	1.30564614	0.925806	0.65106802	0.67463873	0.72414156	0.12110145	1.58516555	0.67900933	0.18213175	0.10067	1.62224			0.607115213	0.79903071	0.72125754	0.6729634	0.407605	1.02071	0.68720831
protein phosphatase 2 (formerly	NM_002715	5515	5q31.1	133180909	neg	1	1	1	0.1127	1.4080756	0.09184	1.56128641	0.990863	0.65284396	0.61441923	0.88140593	0.46385534	1.02696585	0.93558786	0.34870085	0.24784	1.19174	0.342980143	1.08412648	0.727278744	0.55641007	0.39206182	1.0966811	0.773657	0.62102	0.44558631
SM-11044 binding protein	NM_020123	56889	10q24.1	97173680	neg	1	1	1	0.59588	0.93450403	0.74378	0.78379292	0.955637	0.70663185	0.4372724	1.0077527	0.44399295	1.036241	0.78298106	0.66074454	0.29639	1.13793	0.884963498	0.79428195	0.359079885	1.07177647	0.15973565	1.40893058	0.814969	0.63375	0.8146641
neuro-oncological ventral antiger	NM_006489	4857	14q12	24286954	pos	1	1	2									0.63691461	0.80606622			0.63483	0.80607									
zinc finger protein 155 (pHZ-96)	NM_003445	7711	19q13.31	45133896	neg	0	1	2	0.32009	1.2303698	0.15667	2.00164141	0.898197	0.68145701	0.37620314	1.16414534	0.31215837	1.13349836	0.42353214	0.93947056	0.16078	1.42593			0.649289171	0.71768892	0.77724069	0.61381405	0.486297	0.88421	0.54736234
annexin A2	NM_004039	302	15q22.2	56197795	pos	1	1	2									0.67999498	0.73875871			0.67935	0.73876									
KIAA0982 protein	NM_014023	22884	10p15.3	1071772	neg	1	1	2	0.26925	1.19640331	0.28029	1.20455508	0.996538	0.61314661	0.47361158	0.97503073	0.50686063	0.99978984	0.74635657	0.49303166	0.45277	1.02312	0.578217059	0.97815854	0.382956264	1.05076691	0.21391341	1.35232635	0.776239	0.63115	0.98161211
LIM protein (similar to rat protein	NM_006457	10611	4q22.3	95778195	pos	1	1	2			0.10862	12.5564103					0.39681635	1.14944888			0.38724	1.14945			0.383366178	1.02463414	0.54812217	0.86951144			
acid phosphatase 2, lysosomal	NM_001610	53	11p11.2	49200677	neg	1	1	2	0.55005	0.96313566	0.75509	0.77872126	0.745215	0.86330352	0.59477478	0.78300076	0.37924269	1.09808709	0.83082999	0.59462131	0.16679	1.37221	0.672461446	0.90957647	0.675095543	0.71781788	0.52432786	0.95734866	0.57751	0.7681	0.8048221
pellino homolog 1 (Drosophila)	NM_020651	57162	2p14	64454067	pos	1	1	0									0.77553029	0.63355297			0.77773	0.63355									
ret proto-oncogene (multiple end	NM_000323	5979	10q11.21	42861535	neg	1	1	2			0.52848	0.92683333	0.273097	1.61454184			0.21820312	1.46750004			0.20623	1.4675			0.546640675	0.73723676	0.51229579	0.85788763	0.333819	1.3814	
cylindromatosis (turban tumor sy	NM_015247	1540	16q12.1	41189328	neg	1	1	1									0.87844887	0.50255618			0.88251	0.50256									
adenomatous polyposis coli like	NM_005883	10297	19p13.3	1572102	neg	1	1	0	0.50436	0.99583704	0.60745	0.89802812	0.804655	0.81824285	0.49991279	0.95563212	0.95939981	0.67807064	0.99052709	0.35262556	0.76549	0.83433	0.811815756	0.88722647	0.315600835	1.02259123	0.2995762	1.18386495	0.231582	1.23187	0.06176734
high-mobility group (nonhistone c	NM_004965	3150	21q22.2	37290540	pos	1	1	1	0.72679	0.74457147	0.28749	1.4077451	0.359367	1.24956715			0.30266665	1.24236361			0.29124	1.24236			0.556760476	0.97146453	0.39046229	1.10989412			
Fc fragment of IgG, receptor, tran	NM_004107	2217	19q13.33	50674870	neg	0	1	0	0.6661	0.89343319	0.84977	0.70009446	0.637178	0.9433594			0.1672513	1.16274436	0.27123876	1.13045564	0.2019	1.20303	0.441573775	1.03547172	0.821970189	0.63141717	0.66916466	0.84033613	0.597835	0.83287	0.5743404
hypothetical protein FLJ14566	NM_032806	84892	3p22.1	42425514	pos	0	1	0	0.50517	0.9954366	0.72015	0.69327894	0.118064	1.21745233	0.3135423	1.05885672	0.50910153	0.99890676	0.65083235	0.85919544	0.4349	1.0288	0.376257162	1.0591505	0.200804559	1.24757172	0.56680726	0.92687463	0.433823	0.98374	0.7306075
CAAX box 1	NM_003928	8933	Xq26.3	128812119	neg	1	1	1	0.03941	2.1205118	0.17729	1.45675047	0.040987	1.48888735	0.4238136	1.06957441	0.34273692	1.20943147	0.58523749	0.6102262	0.31403	1.24109	0.470702315	1.07001317	0.52995771	0.38480742	0.62317099	0.41125541			0.90529194
HSPC063 protein	NM_014155	29068	11q24.3	132109110	pos	1	1	2									3.068E-05	3.48566838			1.7E-05	3.48567									
2.19 gene	NM_021806	60343	Xq28	147797790	neg	1	1	2									0.49227741	1.0035848			0.4854	1.00358			0.670300371	0.58594779	0.85785326	0.4998335			
hypothetical protein FLJ10715	NM_018190	55212	4q27	123673544	neg	1	1	1	0.18159	1.60446918	0.15855	2.37448454	0.83278	0.66044753			0.23830868	1.33194563			0.22634	1.33195			0.561340316	0.96678812	0.52407308	0.93467139			
B aggressive lymphoma gene	NM_031458	83666	3q21.1	118968408	neg	1	1	2	0.21222	1.26446764	0.22476	1.38534399	0.961963	0.68028131	0.48444056	0.78653553	0.40075196	1.06878259	0.78466302	0.37788331	0.33061	1.1137	0.761994403	0.88031385	0.612444381	0.90171367	0.42558949	1.06417637	0.423442	0.98632	0.56104957
F-box only protein 3	NM_012175	26273	11p13	35294486	neg	1	1	2									0.60189833	0.85903273			0.59863	0.85903									
hypothetical protein FLJ10439	NM_018093	54663	11q12.3	65113320	pos	0	1	0	0.75467	0.78435033	0.44294	1.04792237	0.95127	0.39404592	0.99995322	0.24793751	0.34847924	1.12581405			0.33783	1.12581	0.603218457	0.60940418	0.259121079	1.20325003	0.23828298	1.34020881	0.405095	1.0141	0.33808732
enhancer of zeste homolog 2 (Dr	NM_004456	2146	7q36.1	146751117	neg	1	1	1	0.63909	0.86588864	0.44196	1.06055556	0.676622	0.7611638	0.10589908	1.55351603	0.27859208	1.23609059			0.26688	1.23609			0.038798002	1.6319128	0.01992074	2.33275128	0.149565	1.73609	0.47539898
ubiquitin-activating enzyme E1C	NM_003968	9039	3p14.1	67642997	pos	1	1	2																							
glutamate receptor, ionotropic, N	NM_000834	2904	12p13.1	13455517	neg	0	1	2	0.34278	1.10728783	0.9846	0.45127999	0.485584	1.00215977	0.2176051	1.11593467	0.37965649	1.0127467	0.37670654	1.01241594	0.45434	1.01787	0.00079647	1.57492097	0.109087887	1.22951618	0.38927833	1.11952862	0.178564	1.32092	0.08193406
mitochondrial ribosomal protein L	NM_015950	51069	6p21.1	43024043	neg	1	1	2	0.11133	1.46505698	0.16416	1.50063353	0.796755	0.81758917	0.39805122	1.0485525	0.47560152	1.0149052	0.57977945	0.59854165	0.46229	1.01776	0.481020813	1.05002119	0.738357103	0.66070837	0.46320817	1.01919819	0.728211	0.65537	0.49432425
mitochondrial ribosomal protein S	NM_016070	51649	17q23.2	55658465	pos	1	1	2	0.153	1.36363786	0.10825	1.75188564	0.801178	0.8336487	0.64654958	0.66878474	0.43837888	1.06446826	0.75355982	0.50382957	0.32699	1.18473			0.315510744	1.1238376	0.27392199	1.29785799	0.629968	0.58824	0.59899448
potassium voltage-gated channe	NM_012281	3751	7q31.31	118391551	pos	1	1	2																							
eyes absent homolog 1 (Drosoph	NM_000503	2138	8q13.3	71210833	neg	0	1	2									0.25632623	1.50133935			0.24444	1.50134			0.566713959	0.94589482	0.61595538	0.6511544			
hypothetical protein FLJ14494	NM_032795	84881	11q24.2	128072753	neg	1	1	2	0.08733	1.46977035	0.08121	1.62126667	0.600827	0.9522717	0.2487103	1.47531458	0.72429487	0.82477333	0.74295738	0.3326331	0.68514	0.85362	0.278606701	1.12709492	0.390968172	1.0041501	0.3836247	1.1143695	0.664616	0.69799	0.1243355
peroxisomal biogenesis factor 11	NM_003846	8799	1q21.1	144036837	neg	1	1	2	0.3545	1.11069598	0.30427	1.17901748	0.400383	1.05827195	0.44058981	1.00454406	0.91264252	0.48126579	0.94071755	0.40371658	0.46537	1.11691	0.770125625	0.89926791	0.531942378	0.85682254	0.39247376	1.08955979	0.483298	0.92124	0.52262541
insulin-like growth factor binding	NM_000596	3484	7p13	45574484	neg	1	1	2	0.27127	1.20180633	0.18331	1.44957746	0.724818	0.81369052	0.50232746	0.90449015	0.14141022	1.33795373			0.13036	1.33795	0.732221137	0.85848376	0.258918719	1.18137094	0.10426576	1.61692345	0.235483	1.29348	0.21606434
glycogen synthase kinase 3 beta	NM_002093	2932	3q13.33	116184908	pos	1	1	1	0.0667	1.64221847	0.01912	2.44608466	0.864906	0.7792911	0.45514666	0.97140845	0.21286833	1.29543017			0.20091	1.29543	0.635608611	0.91160473	0.534003379	0.89513763	0.49402498	0.98367848	0.574298	0.76018	0.53532486
HMT1 hnRNP methyltransferase	NM_001536	3276	19q13.33	50838875	neg	1	1	1	0.34668	1.15196004	0.25455	1.32212389	0.861562	0.76765815	0.30840908	1.10873064	0.6309953	0.89985247			0.62872	0.89985	0.460346367	1.06925028	0.302161058	1.00161243	0.2518007	1.28196023	0.302022	1.19906	0.59322737
pleckstrin homology domain-cont	NM_020904	57664	19q13.33	49998673	neg	1	1	0					0.431242	1.30103744			0.67478691	0.71255168			0.67397	0.71255			0.047595813	2.70993703	0.05510044	2.56429845			
YY1 transcription factor	NM_003403	7528	14q32.2	98216726	pos	1	1	2																							
FYVE and coiled-coil domain cor	NM_024513	79443	3p21.32	45200239	pos	0	1	2	0.41973	1.05501338	0.86413	0.66272959	0.729353	0.87964739	0.48017741	0.90364412	0.16389804	1.2690479	0.64147557	0.8031773	0.10347	1.37347	0.897933568	0.7641313	0.806859469	0.6093952	0.68156696	0.82044421	0.611318	0.77376	0.52528257
ATPase, Class I, type 8B, memb	NM_005603	5205	18q21.31	55466267	neg	1	1	0	0.01985	1.73419165	0.52418	0.96804486	0.312074	1.07124614	0.0218426	1.50924614	0.19428912	1.18347289	0.07596404	2.35958019	0.31363	1.09961	0.156394863	1.23632477	0.33681194	1.0996005	0.22305386	1.285798	0.993659	0.24446	0.95551447
chromosome 20 open reading fra	NM_012261	24141	20p12.2	9483354	neg	1	1	2	0.02471	2.25233375	0.29451	1.22232779	0.513702	0.98717302	0.49923491	0.80846744	0.19111971	1.38386925	0.56897311	0.64805091	0.17046	1.40556	0.575247978	0.95454618	0.004354826	2.25322604	0.01982101	2.47807748	0.00555	3.55524	0.00034278
BarH-like homeobox 1	NM_021570	56033	9q22.32	87540561	pos	1	1	0	0.06808	1.52908336	0.0421	1.88558598	0.187461	1.16301114	0.33452218	1.54379669	0.28117859	1.20950447	0.58680071	0.42277183	0.26317	1.21749	0.211789518	1.16846386	0.001153611	2.88391457	0.01198832	2.81111294	0.001688	5.5098	0.15453554
hypothetical protein MGC2555	NM_032772	84858	10q22.2	76112327	pos	1	1	1	0.12655	1.39299275	0.05798	1.75522947	0.21447	1.14282212	0.19110891	1.38090368	0.43898664	1.04954062	0.50258138	0.86106611	0.43049	1.04957	0.357174733	1.09370165	0.873417194	0.76949193	0.99099366	0.34719694	0.404668	1.05979	0.46276328
chromosome 20 open reading fra	NM_080820	92675	20p11.23	18556664	neg	1	1	2	0.39034	1.1141332	0.74302	0.76435028	0.477395	1.01038981	0.42926793	1.08715141	0.283256	1.28924017			0.2716	1.28924			0.564018626	0.97627171	0.4970436	0.97975554	0.37545	1.17291	0.50522597
homeo box C5	NM_018953	3222	12q13.13	54390874	neg	0	1	2	0.00253	3.68301109	0.10319	2.05945693	0.812519	0.50254623	0.15499402	1.80973124	0.30059101	1.19640266			0.28914	1.1964			0.548354892	0.94908829	0.54329395	0.91537495			
mitochondrial solute carrier	NM_016612	51312	8p21.2	23119078	pos	1	1	2									0.30160263	1.32933084			0.29017	1.32933			0.27840524	1.24428012	0.38123984	1.16258741			
like-glycosyltransferase	NM_004737	9215	22q12.3	30365116	pos	1	1	2	0.47169	1.02514698	0.73754	0.66003557	0.457804	1.03633181	7.2413E-05	2.88820319	0.90366505	0.67315802	0.21891619	2.96030026	0.93673	0.62734			0.221585921	1.23020096	0.06367819	1.77608106			0.31550994
hypothetical protein	NM_016617	51569	13q13.3	36910369	pos	0	1	1																							
interleukin 1 receptor accessory	NM_002182	3556	3q28	187234013	pos	1	1	2									0.46592232	1.04458604			0.45824	1.04459									
tumor necrosis factor receptor su	NM_016434	8771	20q13.33	62166639	neg	0	1	2	0.54175	0.96679868	0.61315	0.88941127	0.634119	0.90669028	0.06826848	1.5103304	0.01386158	1.70746634	0.11009263	1.81863708	0.02638	1.67562	4.49934E-05	2.07565202	0.001759504	2.37419599	0.01493247	2.33303384	0.004725	3.20432	0.00037903
phosphoribosylglycinamide formy	NM_000819	2618	21q22.11	31453825	neg	1	1	2			0.20073	2.1875969	0.586756	0.90102493			0.42332309	1.08419385			0.41443	1.08419			0.293750803	1.22375102	0.41837799	1.10524892			
RNA polymerase I subunit	NM_004875	9533	6p21.1	43486905	neg	1	1	2	0.36104	1.1305513	0.33572	1.17459506	0.853532	0.68848056	0.39377491	1.11995998	0.44755511	1.0470038	0.51284855	0.60942309	0.43908	1.04722			0.379349559	1.02195554	0.46818511	1.01864802			
transducin-like enhancer of split	NM_005078	7090	15q23	66130426	pos	1	1	2																							
secretagogin	NM_006998	10590	6p22.2	25709997	neg	1	1	1	0.04351	2.14659586	0.16871	1.47098255	0.514658	0.96575906	0.42887456	1.04154285	0.17545209	1.44649994			0.16378	1.4465	0.570141143	0.92001038	0.336635656	1.09433857	0.35263336	1.17263367	0.651428	0.6782	0.38169281
COPZ2 for nonclathrin coat prote	NM_016429	51226	17q21.32	45809102	pos	1	1	2					0.697983	0.44102814			0.18863899	1.55391374			0.17683	1.55391			0.509016161	0.78059036	0.63396203	0.64935065			
mannosidase, beta A, lysosomal	NM_005908	4126	4q24	103951441	pos	1	1	2	0.14196	1.43619676	0.12124	1.60887681	0.958113	0.63131855	0.71687536	0.77294178	0.34368282	1.12544545	0.55364075	0.55765313	0.32953	1.12862	0.642456206	0.88194321	0.520925187	0.98824314	0.27555361	1.32126739	0.379625	1.0776	0.42724085
binder of Arl Two	NM_012106	23568	16q13	47674602	neg	1	1	2			0.15498	1.92983539	0.710309	0.60628344			0.58840182	0.90745772			0.58468	0.90746			0.302556431	1.21365631	0.37176893	1.21320346			
eukaryotic translation elongation	NM_001961	1938	19p13.3	4066918	neg	0	1	0									0.672853	0.81387936			0.67197	0.81388			0.358418662	1.05112839	0.39952052	1.10722611			
hypothetical protein MGC2941	NM_024297	79142	17p13.1	7536261	neg	0	1	0									0.4686006	1.03949001			0.461	1.03949									
splicing factor, arginine/serine-ric	NM_006925	6430	14q24.2	67739085	pos	1	1	2	0.32177	1.19074383	0.32634	1.19826577	0.834058	0.77880951	0.58621345	0.67805358	0.03439125	3.01678123	0.60228239	0.5560962	0.02121	3.40189	0.814817387	0.59199086	0.73993062	0.81986304	0.99015237	0.0903858	0.412163	1.05131	0.82204302
cystein-rich hydrophobic domain	NM_012110	26511	4q12	54686100	neg	1	1	2																							
5' nucleotidase, mitochondrial	NM_020201	56953	17p11.2	17521747	neg	1	1	2									6.9986E-05	3.91772104			4E-05	3.91772			0.667616748	0.62862441	0.78966997	0.61688312			
HSPC128 protein	NM_014167	29080	12q21.31	82521163	pos	1	1	2	0.22238	1.28948539	0.05421	1.82227564	0.497176	0.99600471	0.52567552	0.87618996	0.47932353	1.01380435	0.58728192	0.51864978	0.46621	1.01675	0.416286693	1.06117594	0.573047795	0.81300506	0.45845531	1.02350031	0.532511	0.84757	0.64093597
mitotic control protein dis3 homo	NM_014953	22894	13q22.1	71296961	neg	1	1	2	0.2526	1.27843206	0.18481	1.42795699	0.548515	0.96954854	0.45595185	0.88571911	0.20639265	1.35339766	0.46955132	0.83534195	0.18866	1.36834	0.74605207	0.7862752	0.562745537	0.96952713	0.46214376	1.02299784	0.601424	0.70343	0.54399153
DNA segment, single copy, probe	NM_005436	8030	10q21.2	60347767	neg	1	1	2									0.78513868	0.62799571			0.78758	0.628									
HSPC065 protein	NM_014157	29070	16q21	48678505	pos	1	1	2			0.06746	4.61111111	0.866042	0.70154713	0.57914719	0.85682605	0.02379445	2.36411091			0.01968	2.36411			0.345307209	1.26125565	0.98710252	0.05516841	0.222287	2.09626	0.56171657
protocadherin beta 1	NM_013340	29930	5q31.3	140247417	neg	0	1	2									0.09343445	1.86226675			0.08405	1.86227			0.047611301	2.35502648	0.040302	2.53011481			
DEAD/H (Asp-Glu-Ala-Asp/His) b	NM_004939	1653	2p24.3	15736063	pos	1	1	2	0.81325	0.70424781	0.90328	0.62948152	0.400478	1.0418933	0.66446384	0.86483683	0.48691801	1.0144683	0.3844191	1.15699496	0.55732	0.95114	0.583031613	0.90876128	0.823222246	0.59437565	0.73338817	0.76751737	0.606153	0.79289	0.65710085
hypothetical protein FLJ10450	NM_018095	55709	11p11.2	49505409	neg	1	1	2	0.19373	1.28212895	0.18916	1.35423095	0.93359	0.72397172	0.84862501	0.6575515	0.26961248	1.38307183	0.49447602	0.80108849	0.25758	1.38381	0.906071022	0.47688699	0.622028948	0.59559646	0.47189175	1.01100289	0.672744	0.62451	0.96147782
serine/threonine kinase 38	NM_007271	11329	6p21.31	36464751	neg	1	1	0																							
chromodomain helicase DNA bin	NM_004284	9557	1q21.1	144929059	neg	1	1	0	0.26311	1.24047513	0.18025	1.46061453	0.707972	0.8816613	0.50037912	0.51446984	0.11752283	1.47626303	0.46904786	0.7862285	0.10455	1.48594			0.3371929	1.08742786	0.32637916	1.22322122	0.503712	0.84848	0.56523807
coagulation factor C homolog, co	NM_004086	1690	14q12	28719656	pos	1	1	2																							
hypothetical protein FLJ13195 si	NM_022906	64940	7q11.21	65407625	neg	1	1	2									0.70130862	0.73819806			0.70134	0.7382									
zinc finger, DHHC domain contai	NM_018106	55146	7p22.1	6262510	neg	1	1	0	0.7975	0.74482961	0.55287	0.92837783	0.084156	1.34561871	0.21600846	1.83767515	0.5829482	0.91456472			0.57904	0.91456	0.531584722	0.999488	0.683061944	0.71320777	0.60104808	0.88554997	0.518189	0.88098	0.24863968
T-box 21	NM_013351	30009	17q21.32	45516150	pos	1	1	2																							
ligase I, DNA, ATP-dependent	NM_000234	3978	19q13.33	49263161	neg	1	1	1									0.00600797	2.9387995			0.00456	2.9388			0.489056085	0.71881051	0.69864429	0.53691679			
similar to Unknown (protein for M	NM_133636	113510	4q21.23	84253115	pos	0	1	2	0.19834	1.66664609	0.27117	1.55240741	0.592522	0.90669238	0.25936173	1.22803798	0.11498366	1.8776214			0.10472	1.87762			0.588055559	0.70682386	0.73089187	0.6729634			0.62510105
gamma-tubulin complex protein 2	NM_006659	10844	10q26.3	134007459	neg	1	1	0									0.83685362	0.6530197			0.84039	0.65302			0.239910913	1.20872027	0.13453565	1.51944747			
H2A histone family, member M	NM_003513	8335	6p22.2	26076178	neg	1	1	2	0.65458	0.87369056	0.40021	1.09349206	0.443709	1.0283873	0.77802782	0.58885826	0.10685333	1.59819248			0.09689	1.59819	0.701558299	0.7255683	0.319787186	1.11067551	0.96166376	0.02203154	0.278199	1.43294	0.4374358
chromosome 7 open reading fran	NM_024728	79783	7p14.1	39820977	pos	1	1	2			0.16893	3.26846405	0.336553	1.25803595			0.50983017	0.982926			0.50351	0.98293			0.277668512	1.33865395	0.42703117	1.10722611			
LATS, large tumor suppressor, ho	NM_004690	9113	6q25.1	149558493	neg	1	1	0	0.09407	1.76779953	0.09858	1.69957665	0.627731	0.88681683	0.49832113	0.6524696	0.15784689	1.59956111	0.6042588	0.42676226	0.13587	1.64154	0.613256689	0.89072561	0.373633309	1.03203926	0.48899176	0.98980116	0.412688	1.0107	0.4966288
legumain	NM_005606	5641	14q32.12	90677456	pos	1	1	2	0.37454	1.11675907	0.24009	1.34010417	0.666476	0.84457421	0.34751679	1.22653991	0.66837122	0.87105669	0.2598338	1.67773245	0.77335	0.77047			0.36835227	1.03546934	0.34640877	1.16445352	0.637334	0.56935	
hypothetical protein FLJ20202	NM_017709	54855	1p12	118607230	pos	1	1	2	0.08288	1.46945871	0.26119	1.85896306	0.37409	1.05768171	0.50967816	0.93623289	0.23165633	1.23897515	0.55872513	0.67830473	0.21381	1.2474	0.634401168	0.95497833	0.282031016	1.17650437	0.25488578	1.34172078	0.526062	0.86356	0.45149671
hypothetical protein FLJ11078	NM_018316	55295	19p13.11	19242150	neg	1	1	2																	0.264611854	1.50796278	0.38697572	1.24899792			
transcription factor 19 (SC1)	NM_007109	6941	6p21.33	31183123	neg	1	1	0			0.26631	2.7505814	0.893895	0.59459126			0.69393712	0.76185317			0.69374	0.76185			0.343594739	1.19307003	0.4021828	1.27805528			
phosphoglycerate kinase 1	NM_000291	5230	Xq21.1	72905565	pos	1	1	1	0.00466	2.60591251	0.02284	3.02551125	0.82237	0.72611095	0.17425769	1.53046661	0.45352192	1.03760153			0.44548	1.0376			0.940235108	0.40169084	0.94108568	0.50946566			0.58189982
dynein light chain-A	NM_016141	51143	3p23	32153905	neg	1	1	2																							
FOS-like antigen 1	NM_005438	8061	11q13.1	68194521	neg	1	1	1																							
MEP50 protein	NM_024102	79084	1p13.2	112398681	pos	1	1	1	0.45769	1.03279951	0.31222	1.1984639	0.871344	0.67662749	0.81664399	0.29237743	0.12730876	1.77423537			0.11664	1.77424	0.137182034	1.50043999	0.824938159	0.29322458	0.97855037	0.11904762	0.483867	0.88296	0.73537159
polynucleotide kinase 3'-phospha	NM_007254	11284	19q13.33	51022793	neg	1	1	0									0.99952496	0.24457053			0.99965	0.24457									
old astrocyte specifically induced	NM_052854	90993	11p11.2	48084094	neg	1	1	2									0.71498517	0.70554012			0.71545	0.70554									
stanniocalcin 2	NM_003714	8614	5q35.1	173001034	neg	1	1	1	0.24415	1.24712041	0.85491	0.61948134	0.140529	1.26431574	0.63496461	0.7296556	0.39906644	1.09099019	0.41884406	0.90554309	0.2958	1.24236	0.284899307	1.25598837	0.327166018	1.08703664	0.27281768	1.26803752	0.558341	0.76285	0.36645115
peroxisome biogenesis factor 1	NM_000466	5189	7q21.2	90651767	neg	1	1	2																							
homolog of yeast long chain poly	NM_021814	60481	6p12.1	53134259	pos	0	1	2	0.37611	1.15517905	0.47838	1.0085536	0.730107	0.7969029	0.81222704	0.61523881	0.30290502	1.25956037	0.49490473	0.72881137	0.29138	1.25976			0.538387714	0.69602061	0.72428864	0.59818969			
pinin, desmosome associated pro	NM_002687	5411	14q21.1	37025063	pos	0	1	2									0.61859431	0.82051987			0.6159	0.82052									
filamin A, alpha (actin binding pro	NM_001456	2316	Xq28	147640253	neg	1	1	2																							
peanut-like 1 (Drosophila)	NM_002688	5413	22q11.21	16642251	neg	1	1	2																							
src homology 3 domain-containin	NM_014063	28988	7p13	43730717	neg	1	1	2									0.54391209	0.92708001			0.5387	0.92708									
hypothetical protein FLJ20489	NM_017842	55652	12q13.11	48179650	neg	1	1	2					0.559184	0.83716923			0.26023547	1.36596323			0.24837	1.36596			0.63671573	0.67003719	0.74725323	0.67205153			
neuromedin U	NM_006681	10874	4q12	56265283	neg	1	1	2	0.02474	2.30619275	0.04865	2.29407994	0.698156	0.82814392	0.29518696	1.289938	0.16315494	1.57048912			0.15167	1.57049			0.199592684	1.29936972	0.10027237	1.68439716			0.7590861
death-associated protein 6	NM_001350	1616	6p21.32	33298534	pos	0	1	0	0.71136	0.82934447	0.70403	0.76960094	0.576336	0.9287067	0.3934112	1.29474921	0.20999296	1.2406121	0.37829137	1.15096079	0.20759	1.28389	0.772661426	0.85763189	0.231789551	1.22687759	0.1270045	1.55561829			0.43256387
lamin A/C	NM_005572	4000	1q22	153953484	pos	1	1	2	0.45346	1.06434129	0.19491	1.83688525					0.27054911	1.29706327			0.25877	1.29706			0.357736457	1.05436917	0.38040677	1.14169413			
HT014	NM_020362	57095	1p36.11	23662541	neg	1	1	2																							
putative transmembrane protein	NM_012342	25805	10p12.1	28701766	pos	1	1	2									0.97499425	0.31213722			0.97754	0.31214									
insulin receptor substrate 4	NM_003604	8471	Xq23	103383037	pos	1	1	2									0.92132289	0.42121854			0.92538	0.42122									

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F-box only protein 32	NM_058229	114907	8q24.13	123657985	neg	1	1	2	0.33052	1.14640743	0.1625	1.44462025	0.399438	1.04420657			0.51679421	0.98997752	0.51611772	0.57916273	0.48975	0.99039	0.512676786	1.01043636	0.292696238	1.14740738	0.12627927	1.54552437	0.650723	0.74568	0.96307514
KIAA0391 gene product	NM_014672	9692	14q13.2	32969837	pos	0	1	1	0.37691	1.12048968	0.2186	1.37098214	0.359531	1.16688683			0.48071097	1.10500568			0.47348	1.10501	0.621819354	0.87921197	0.639301015	0.95599297	0.50297	0.75396825	0.337983	1.21946	0.46395846
KIAA0670 protein/acinus	NM_014977	22985	14q11.2	20900221	neg	0	1	2	0.41079	1.06675047	0.27284	1.21873886	0.923709	0.78835409	0.31857637	1.09108737	0.14941429	1.30232199			0.13819	1.30232	0.673791014	0.93248231	0.602430121	0.76756036	0.46840777	1.07824948	0.615731	0.78189	0.48922137
hypothetical protein DKFZp564L	NM_030805	81562	2q11.2	95243168	neg	0	1	2	0.30855	1.17237291	0.43941	1.04269616	0.794041	0.82365472	0.73701135	0.7937893	0.23475288	1.24289863	0.64753176	0.50939655	0.20209	1.27238	0.650409194	0.91573066	0.917112044	0.43435803	0.90533121	0.5574245	0.56962	0.67444	0.57487513
debranching enzyme homolog 1	NM_016216	51163	3q22.3	134854104	pos	1	1	2	0.69199	0.87149493	0.66379	0.85741391	0.243777	1.11874854	0.74794345	0.81387815	0.16828776	1.22574333	0.19954799	1.38151787	0.25357	1.17067	0.778747375	0.88778971	0.893820591	0.54432864	0.75029154	0.75814041	0.748137	0.64478	0.9866193
metastasis-associated 1-like 1	NM_004739	9219	11q12.3	64873651	pos	1	1	2																							
hypothetical protein FLJ12910	NM_024573	79624	6q25.1	151334521	neg	1	1	2	0.26687	1.30391662	0.20171	1.35	0.689629	0.87604367	0.29272046	1.40739001	0.41868901	1.07221069	0.49907578	0.78696518	0.40967	1.07221	0.45408831	1.05255502	0.545412287	0.63645694	0.53182152	0.94436428	0.570516	0.76154	0.41215643
SFRS protein kinase 1	NM_003137	6732	6p21.31	35802920	neg	1	1	1	0.18358	1.50477114	0.0523	2.51995754	0.384362	1.09084741			0.60812556	0.90127111			0.60507	0.90127			0.199598869	1.3891477	0.2413168	1.38798701	0.444254	0.92157	
jumonji homolog (mouse)	NM_004973	3720	6p22.3	15304065	pos	1	1	2	0.17551	1.4149542	0.13334	1.53662162	0.372905	1.07127974	0.28255724	1.33385759	0.29175686	1.17277763			0.28019	1.17278	0.459759641	1.30408447	0.555433317	0.95865547	0.3695999	1.12490451	0.689868	0.66123	0.55503224
VPS10 domain receptor protein S	NM_014978	22986	10q25.1	105294058	pos	1	1	2																							
regulator of G-protein signalling 2	NM_003702	8601	8q11.23	54093702	neg	1	1	2									0.73467143	0.68553017			0.73573	0.68553									
ATP-binding cassette, sub-family	NM_005845	10257	13q32.1	94033374	neg	0	1	2	0.37854	1.19926145	0.61086	0.84952452	0.759001	0.70854106	0.48757209	0.62567144	0.0184711	2.89907702	0.61179167	0.40721823	0.01254	3.04281			0.573731796	0.76645123	0.63002873	0.52669553	0.376682	1.14861	0.58767202
sortilin-related receptor, L(DLR c	NM_003105	6653	11q23.3	123323068	neg	1	1	2																							
hypothetical protein FLJ10648	NM_018167	55727	14q32.12	91261191	pos	1	1	2	0.11821	1.40178948	0.08813	1.57284042	0.339363	1.07209478	0.84843619	0.75486858	0.41246244	1.06634238	0.66006698	0.5820962	0.36913	1.0936	0.358943364	1.07030801	0.629754129	0.93069397	0.34582827	1.13377472	0.357479	1.07928	0.44615936
hypothetical protein DKFZp564K	NM_032040	83987	19q13.32	47557907	pos	0	1	1	0.39047	1.07262194	0.73951	0.800597	0.344928	1.05588591	0.79702233	0.80199779	0.37263352	1.0087616	0.38673178	1.00721764	0.29497	1.11502	0.051171866	1.27716576	0.157562874	1.1386124	0.23755185	1.26867385	0.105167	1.51876	0.4637913
hypothetical protein MGC2744	NM_025267	80755	17q21.31	40672638	neg	1	1	2	0.28179	1.21758549	0.24342	1.29558458	0.260147	1.17571202	0.5728942	0.77781189	0.59447721	0.92755129			0.59096	0.92755	0.477533124	1.04232044	0.561341064	0.98355426	0.20608633	1.42070051	0.331407	1.18538	0.1997571
syndecan 1	NM_002997	6382	2p24.1	20292535	pos	1	1	2									0.74023852	0.71037863			0.74146	0.71038			0.222336805	1.44086385	0.35722052	1.21370499			
glioma-amplified sequence-41	NM_006530	8089	12q15	69488868	neg	1	1	2	0.32462	1.23815813	0.42386	1.15921788	0.420508	1.11401175	0.91624556	0.48384455	0.06926787	2.45230271			0.06119	2.4523	0.582294477	0.78482984	0.634794161	0.56123179	0.8276041	0.46661672	0.35717	1.26275	0.59876026
potassium voltage-gated channe	NM_080671	23704	2q36.1	221939281	pos	0	1	2	0.73511	0.78104299	0.7241	0.74602529	0.278469	1.63008042			3.3992E-07	6.05730305			1.4E-07	6.0573	0.522121956	1.01609872	0.162388987	1.42205228	0.13361758	1.6005616			
hypothetical protein FLJ23109	NM_024814	79872	7q31.1	105868484	pos	1	1	2	0.24879	1.30191629	0.10135	1.58239223	0.714032	0.89202976	0.68040274	0.79340657	0.33234152	1.16655141	0.68950932	0.53656246	0.26892	1.23631	0.618337788	0.94277405	0.504528129	0.78138946	0.48898415	0.99210068	0.484933	0.86471	0.63407006
calbindin 2, (29kD, calretinin)	NM_001740	794	16q22.2	62284343	pos	1	1	2	0.16911	1.36929716	0.0742	1.66633755	0.137784	1.2265459	0.62052364	0.86886628	0.25139108	1.22672312	0.7779189	0.40143257	0.17866	1.31498	0.524194945	1.00341275	0.387132611	1.05499665	0.1780533	1.45521146	0.421762	0.99308	0.36210181
purinergic receptor P2X-like 1, or	NM_005446	9127	22q11.21	18068143	neg	0	1	0	0.05167	1.54243402	0.29681	1.17293764	0.878888	0.8367135	0.26424289	1.08596003	0.99726106	0.56758895	0.9999756	0.26727952	0.67715	0.89087	0.773132126	0.91141322	0.046748527	1.85357853	0.00410529	3.09404071	0.763315	0.67672	0.00457685
hypothetical protein MGC2745	NM_024117	79109	9q33.3	119315472	pos	1	1	2			0.17004	2.49922222	0.56229	0.8931235			0.64041652	0.62750138			0.63845	0.6275			0.30987376	1.21602779	0.41191303	1.1395202			
reticulocalbin 1, EF-hand calcium	NM_002901	5954	11p13	33709305	neg	1	1	1	0.45866	1.38315348	0.36567	1.17159864	0.230263	1.48880323	0.59014655	0.49163165									0.30663871	1.30345259	0.96932111	0.13160173	0.160022	2.32941	0.3339925
smoothelin	NM_134269	6525	22q12.2	28173352	neg	1	1	2	0.13246	1.37342525	0.18577	1.35321863	0.692569	0.9163201	0.63840943	0.87550117	0.60982343	0.91155514	0.65969829	0.28585258	0.5895	0.92516	0.302905745	1.10497163	0.355668853	1.0508279	0.22047644	1.33658009	0.624851	0.75401	0.31482668
B-cell receptor-associated protei	NM_018844	55973	7q22.3	105704613	neg	1	1	2	0.19958	1.46635404	0.08453	1.9907971	0.809461	0.6507451	0.28633919	1.30139836	0.54771284	0.94798873			0.54263	0.94799	0.294506507	1.3060096	0.265286573	1.27167782	0.30749913	1.2987013	0.453295	0.92647	
kinesin-associated protein 3	NM_014970	22920	1q24.2	167519318	neg	0	1	2	0.50714	0.9921393	0.47238	1.013423	0.513742	0.97936464	0.08769753	1.34746676	0.50378724	1.00365395	0.42718928	0.88866867	0.38803	1.31169	0.5305415	1.00075369	0.691366634	0.5637196	0.61480285	0.77681578	0.75293	0.5638	0.65233534
oligodendrocyte lineage transcrip	NM_005806	10215	21q22.11	30975687	neg	1	1	2	5.1E-06	5.32506593	0.00179	3.41837037	0.050164	1.44492403	0.00868902	1.64165657	4.0344E-07	3.16500442	0.00895196	2.1646663	7.8E-07	4.48421	2.04348E-08	2.93269726	6.48063E-05	3.95616581	0.0004309	5.67007461	0.001065	5.41655	0.0023588
H1 histone family, member 1	NM_005325	3024	6p22.2	26060118	neg	0	1	1	0.05826	2.37254279	0.31459	1.24971591	0.073144	1.61297607			0.26445784	1.21115482	0.18779197	2.28703859	0.33964	1.1331			0.029576152	1.72194196	0.05224682	1.93476978	0.043305	2.41494	0.48094915
ash2 (absent, small, or homeotic	NM_004674	9070	8p12	37436184	pos	1	1	2	0.18609	1.30270654	0.14875	1.43876307	0.503567	0.99207669	0.6179974	0.83295806	0.26450852	1.15770537	0.36644699	1.10527505	0.26768	1.22861	0.693459924	0.91571902	0.5518918	0.96684105	0.40494516	1.08625071	0.420733	0.99308	0.49185226
branched chain aminotransferase	NM_005504	586	12p12.1	25330796	pos	1	1	0	0.00559	2.3251049	0.20311	1.32230392	0.009485	1.46622076	0.03317096	2.30187892	0.00460893	1.8427613	0.0627854	1.98104578	0.01271	1.79727	0.003015922	1.74916321	0.003481225	2.26241204	0.01627416	2.45878235	0.002581	4.33115	0.08763773
DMC1 dosage suppressor of mc	NM_007068	11144	22q13.1	35529483	neg	1	1	2																							
HSPC056 protein	NM_014154	29067	3q22.3	134890200	pos	0	1	1	0.43505	1.07899484	0.17332	1.88778195	0.422733	1.07001622	0.26576305	1.79075201	0.06226413	2.44959867			0.05465	2.4496			0.566977103	0.97131701	0.61199372	0.78334364			
carbohydrate (N-acetylglucosam	NM_004267	9435	3q24	139818566	pos	1	1	2	0.00449	2.2494665	0.00066	4.91054633	0.140667	1.21939053	0.0023358	2.51288198	0.01748114	1.55803715	0.2656928	1.18464949	0.00473	2.20253	0.11518432	1.28802817	7.20247E-05	3.94991963	0.00056919	5.17846099	0.00116	5.52206	0.04330536
nardilysin (N-arginine dibasic cor	NM_002525	4898	1p32.3	51848573	neg	1	1	2	0.26476	1.20510289	0.23281	1.27508842	0.575862	0.96348768	0.73079161	0.65258896	0.15380541	1.42138251	0.66485893	0.49982445	0.11911	1.48594	0.596117434	0.95970236	0.556050546	0.69535985	0.48811495	0.99268548	0.634103	0.72735	0.55004657
candidate tumor suppressor prot	NM_020381	57107	6q21	107309069	neg	1	1	2	0.05211	1.58457175	0.4573	1.02256368	0.824429	0.8602674	0.84642326	0.77143427	0.20833686	1.22114026	0.77631334	0.61290375	0.11258	1.35567	0.284416344	1.11981732	0.553376323	0.96945161	0.25996891	1.26202042	0.410046	1.00967	0.64891304
polymerase (RNA) II (DNA direct	NM_006233	5438	19q13.12	37243754	pos	1	1	1									0.85104715	0.5297972			0.85481	0.5298			0.373904399	1.04991026	0.56078914	0.85260268			
putative N6-DNA-methyltransfera	NM_013240	29104	21q21.3	26827334	pos	1	1	2	0.27168	1.25905408	0.38336	1.11196172	0.465178	1.01417809	0.78327615	0.65369316	0.4022156	1.01169506	0.39373558	1.01158831	0.43348	1.60603	0.563958823	0.92728224	0.323935931	1.02956541	0.69201267	0.76243981	0.335126	1.26824	0.79044627
ADP-ribosylarginine hydrolase	NM_001125	141	3q13.33	115940287	pos	1	1	0	0.1729	1.3330839	0.08635	1.70126324	0.653037	0.92926207	0.55047222	0.92965304	0.2348671	1.31965959	0.49978713	0.75984648	0.2229	1.31966	0.482664901	1.02217027	0.24079525	1.29015588	0.28588592	1.30347054	0.593071	0.75908	0.32741116
general transcription factor IIIC,	NM_012204	9329	9q34.13	126570556	neg	1	1	2	0.31388	1.25991582	0.091	2.28410853	0.65412	0.86868448			0.54143892	0.93947396			0.53614	0.93947			0.555617011	0.95927862	0.54011963	0.91689731			0.31180029
adenylate cyclase 8 (brain)	NM_001115	114	8q24.22	130810791	neg	1	1	2									0.71101445	0.70721486			0.71135	0.70721			0.141094006	3.07773017	0.22113206	2.12885154			
non-canonical ubiquitin conjugati	NM_016336	51465	6q15	89985297	neg	1	1	2									0.74124184	0.669646			0.74249	0.66965			0.351558397	1.0985678	0.54102766	0.90084519			
hypothetical protein MGC4399	NM_032315	84275	1p36.22	9627530	neg	1	1	0																							
natriuretic peptide receptor B/gua	NM_003995	4882	9p13.3	36104616	neg	1	1	2																							
hypothetical protein FLJ10769	NM_018210	55739	13q34	109627945	neg	1	1	2			0.75994	0.71907537					0.38047401	1.14110661			0.37051	1.14111	0.603504702	0.90128262	0.682262354	0.77084733	0.52899234	0.95336482	0.418731	0.98501	0.45325513
G-2 and S-phase expressed 1	NM_016426	51512	22q13.31	43259570	neg	1	1	1	0.35153	1.1181372	0.20737	1.53463542	0.712677	0.88862615	0.08929775	1.37727169	0.64911127	0.89152485	0.66809155	0.5871155	0.61006	0.91619	0.36088459	1.07399676	0.38648825	1.00770648	0.35598792	1.15151515	0.594927	0.74048	0.38666368
capping protein (actin filament), (	NM_001747	822	2p11.2	85517292	neg	0	1	0	0.87604	0.72824421	0.9126	0.59546013	0.216535	1.46859822	0.55563434	0.87245788	0.26725825	1.10952992	0.26173082	1.18395782	0.36521	1.07028	0.714523712	0.91318964	0.66695758	0.75203492	0.64474616	0.86375949	0.612831	0.75192	0.93482487
hypothetical protein MGC14801	NM_032705	84791	1q32.3	210286994	neg	1	1	2																							
solute carrier family 6 (neurotran	NM_014228	6534	5q33.1	149640184	neg	1	1	2	0.05198	1.69491876	0.12351	1.50513627	0.807677	0.81333659	0.10042028	1.47539044	0.09532557	1.39548013	0.4495306	0.91431945	0.06642	1.47767	0.359070466	1.07997673	0.003731028	4.26968669	0.38349261	5.32843968	0.001318	5.26606	0.00079077
G protein-coupled receptor, famil	NM_018653	55890	17q25.1	72434454	neg	0	1	0																							
pilin-like transcription factor	NM_012228	22921	10p12.2	23119838	neg	1	1	1																							
hypothetical protein FLJ10094	NM_017993	55068	13q14.11	41788012	neg	1	1	0									0.61155968	0.88594776			0.60862	0.88595			0.559806377	0.96579732	0.5303142	0.9291326			
putative DNA/chromatin binding	NM_006618	10765	1q32.1	200380614	neg	0	1	0	0.98711	0.48039747	0.99478	0.35154596	0.018132	1.54300279	0.43183643	1.03243395	0.09943941	1.32103609	0.06898125	1.66113627	0.2889	1.15628	0.588453284	0.88382378	0.60258154	0.9074314	0.39635365	1.09287318	0.29429	1.17136	0.48553892
hypothetical protein MGC14161	NM_032892	84978	15q15.3	39532677	neg	1	1	2			0.34332	1.53088889					0.99987019	0.09973252			0.99991	0.09973									
RAB35, member RAS oncogene	NM_006861	11021	12q24.23	119405981	pos	1	1	2																							
CD109	NM_133493	135228	6q13	74364146	neg	1	1	2	0.36738	1.0920859	0.86131	0.67613523	0.00318	1.64588291	6.8046E-06	2.34514267	0.00442491	2.49431725	0.00325083	2.49953134	0.51706	0.70123	0.012743284	1.85194619	0.334067733	1.1171628	0.10234001	1.56017526	0.962796	0.40742	0.24755006
homeo box D10	NM_002148	3236	2q31.1	175034066	neg	1	1	2	0.00408	2.21628188	0.11013	1.5118088	0.027758	1.38814864	0.38419938	1.19805239	0.01675552	1.57809338	0.19000446	1.29910854	0.01319	1.88806	0.023320143	1.45658644	0.010543771	1.83542832	0.00081165	4.8274467	0.090855	1.7665	0.10151373
hypothetical protein FLJ22329	NM_024656	79709	19p13.12	18182121	pos	1	1	2																	0.272767568	1.33781619	0.42020106	1.11626469			
TAP binding protein (tapasin)	NM_003190	6892	6p21.32	33269614	pos	0	1	1									0.93290672	0.47993742			0.93682	0.47994	0.439041335	1.11944277	0.071229752	2.06853647	0.06390703	2.22413641			
v-fos FBJ murine osteosarcoma	NM_005252	2353	14q24.3	73251277	neg	1	1	2																							
parathyroid hormone receptor 1	NM_000316	5745	3p21.31	46213629	neg	1	1	2																							
sirtuin silent mating type informat	NM_016539	51548	19p13.3	4266903	neg	0	1	0			0.38719	1.27990654					0.66706522	0.79218509			0.66599	0.79219			0.663168049	0.68456612	0.72654175	0.73310747			
period homolog 2 (Drosophila)	NM_003894	8864	2q37.3	237219503	neg	1	1	2																							
small glutamine-rich tetratricoper	NM_003021	6449	19p13.3	2817344	neg	0	1	0	0.72249	0.84971862	0.86045	0.68556561	0.248731	1.10533248	0.30957734	1.06974483	0.12786732	1.24668303	0.16334702	1.24293886	0.25051	1.25543	0.195248742	1.1675167	0.709962655	0.84063607	0.74457149	0.77990328	0.418924	0.99846	0.64491618
hypothetical protein FLJ20487	NM_017841	54949	11q12.2	63648174	neg	1	1	1			0.5731	0.88349609					0.97825003	0.47860595			0.9806	0.47861			0.793765721	0.58101823	0.81403594	0.6660154			
hypothetical protein FLJ22318	NM_022762	64777	5q35.3	177712663	neg	1	1	2																							
caudal type homeo box transcrip	NM_001265	1045	13q12.2	26517154	pos	0	1	1			0.34983	1.26487109	0.240154	1.39796505	0.32062699	1.33860329	0.19469238	1.79638188			0.18283	1.79638			0.252238658	1.31474731	0.27002105	1.38575193	0.304239	1.59026	
androgen-induced prostate prolif	NM_015032	23047	13q13.1	31146983	pos	1	1	2			0.15691	2.40770042													0.348252574	1.0997539	0.52684863	0.9275122			
hypothetical protein FLJ12707	NM_022067	63894	14q24.3	75398713	neg	1	1	2	0.29548	1.23831306	0.21663	1.31950722	0.672332	0.90537049	1	0.29717797	0.48227501	1.01285806	0.5214677	0.67600585	0.47447	1.01318	0.671766065	0.92455187	0.552741784	0.92534571	0.41492796	1.07709751	0.650195	0.66773	0.62349831
hypothetical protein FLJ20519	NM_017860	54964	1q21.3	148862197	neg	1	1	2	0.67682	0.88456696	0.64985	0.67057483	0.280905	1.08823776	0.94267715	0.74892992	0.51637197	0.99832812	0.41627717	0.98564758	0.28399	1.12852	0.416991441	1.04107612	0.88395689	0.53384096	0.79249827	0.73016305	0.741921	0.51009	0.82205407
hypothetical protein FLJ20211	NM_017713	54859	3p21.31	47291595	neg	1	1	2	0.6152	0.92111265	0.7991	0.74272667	0.019884	1.6330566	0.99513867	0.58731181	0.37131072	1.08444463	0.17410091	1.36878881	0.65101	0.88607	0.505059081	1.01204215	0.973105647	0.4161686	0.89279412	0.61186781	0.816204	0.59378	0.88283909
TATA-binding protein-binding pro	NM_013375	29777	6p22.2	26654751	neg	0	1	2	0.42728	1.08765117	0.47758	1.00766773			0.74119534	0.66387542	0.2595626	1.42958628			0.2477	1.42959			0.556713038	0.96599749	0.50661684	0.96765979			0.69228127
hypothetical protein FLJ22693	NM_022750	64761	7q34	137994287	neg	1	1	2	0.03041	1.69013507	0.3011	1.17590134	0.069507	1.46272637	0.11333924	2.02907957	0.46852396	1.01589407	0.012337	1.60507145	0.99379	0.53704	0.000196068	2.01460063	0.413698614	1.03536207	0.19176576	1.3389365	0.976303	0.36085	0.54289619
vacuolar protein sorting 35 (yeas	NM_018206	55737	16q11.2	37104926	var	1	1	1	0.17857	1.30702681	0.05955	1.72415459	0.786679	0.84872771	0.31986195	1.09083551	0.38149462	1.08666646	0.32692925	1.40777656	0.42488	1.05226	0.62206254	0.91008168	0.388961869	1.0058411	0.37536126	1.16032777	0.478195	0.88979	0.62056
prolylcarboxypeptidase (angioter	NM_005040	5547	11q14.1	84862165	pos	0	1	2	0.10331	1.42041467	0.39809	1.28644163	0.828763	0.85477305	0.51738412	0.93785838	0.39018956	1.08700427	0.8455139	0.52145237	0.20638	1.28211	0.593324394	0.97511947	0.717744416	0.5447701	0.33646268	1.15307688	0.778217	0.61561	0.26478936
hypothetical protein BC012187	NM_138415	112885	22q13.31	41912365	neg	1	1	2																							
snail homolog 2 (Drosophila)	NM_003068	6591	8q11.21	48854247	neg	1	1	2	0.10087	1.75294992	0.05065	1.84936034	0.77562	0.86865157	0.55426923	0.8514907	0.51540886	0.98763733	0.42754298	0.87161161	0.43956	1.123	0.517979723	1.00770119	0.368676923	1.04029905	0.47600002	1.00757576	0.517445	0.82353	
tubulin, alpha 3	NM_006009	7846	12q13.12	49655805	pos	0	1	2	0.56617	0.93846482	0.19808	1.81860632	0.636532	0.56024292	0.75829788	0.3326064	0.09124158	1.80968679	0.7239662	0.2731275	0.06206	1.95052	0.400416518	1.15833645	0.667608132	0.90730941	0.77493707	0.67073799	0.233701	2.18414	0.50305351
hypothetical protein DKFZp434L(	NM_032139	84079	19q13.11	33705503	neg	1	1	2																							
cadherin 3, type 1, P-cadherin (p	NM_001793	1001	16q22.1	59362360	neg	1	1	2	0.40307	1.07251725	0.40716	1.07084481	0.632203	0.91559268	0.55157372	0.92073054	0.54590853	0.95466315			0.54076	0.95466	0.879977315	0.80252794	0.624418829	0.76490098	0.4510187	1.03168383	0.616604	0.73649	0.51759363
KIAA1072 protein	NM_014906	22843	17q23.2	56581154	pos	1	1	2			0.33853	1.3192053													0.156526533	2.06838742	0.23514828	1.7092803			
neural proliferation, differentiatio	NM_015392	56654	9q34.3	131083344	neg	1	1	2	0.56584	0.95360301	0.68501	0.83190906	0.160584	1.20878482	0.48349385	0.86937144	0.12610608	1.34356162	0.08140032	1.48414049	0.51499	0.98129	0.986102944	0.66113348	0.737233014	0.63635048	0.36497176	1.11720721	0.765438	0.65937	0.47707196
ribosomal protein L13	NM_033251	6137	16q24.3	80947109	neg	1	1	2	0.53634	0.97499479	0.51433	0.97403246	0.2228	1.13666342	0.93594034	0.7078135	0.17380213	1.23855145	0.21926258	1.41989895	0.24202	1.189	0.815488449	0.87923864	0.898569559	0.52322868	0.83456687	0.67048276	0.76345	0.62376	0.642923
hypothetical protein FLJ20574	NM_017886	54986	3p22.1	41141800	pos	0	1	0																							
X-box binding protein 1	NM_005080	7494	22q12.1	25886643	pos	1	1	2	0.35095	1.13735231	0.21388	1.32602009	0.107722	1.34625639	0.42561961	1.02721232	0.86122393	0.70024973			0.86512	0.70025	0.649108927	0.90929047	0.603248316	0.90558454	0.56653229	0.89024701	0.41357	1.00654	0.38533827
tachykinin receptor 1	NM_015727	6869	2p12	75415793	pos	1	1	2									0.5408454	0.93947396			0.53553	0.93947			0.14910084	2.31007467	0.21232045	1.94112554			
PC3-96 protein	NM_022488	64422	3q13.2	109034085	neg	1	1	2	0.13245	1.44364949	0.06148	1.77012945	0.292051	1.13127881			0.72718336	0.80741346			0.72802	0.80741	0.621347924	0.93863546	0.258449761	1.19504831	0.21271268	1.37085137	0.581457	0.73303	0.18763959
protein kinase NYD-SP15	NM_030911	81602	13q14.2	47822061	pos	0	1	2	0.46945	1.02391585	0.30345	1.19076057			0.45369094	0.79503788	0.32219478	1.17401394	0.59208293	0.54306408	0.29951	1.18828	0.829122257	0.79361151	0.347162619	1.0649771	0.38081731	1.12554113	0.501499	0.76098	0.52256828
exportin 1 (CRM1 homolog, yeas	NM_003400	7514	2p15	61833430	neg	1	1	2	0.38562	1.15681809	0.18175	1.58346024			0.53649803	0.70909165	0.10974934	2.35676129			0.09968	2.35676	0.654146712	0.72229676	0.520255955	0.80362264	0.66667974	0.75977695			
putative G protein-coupled recep	NM_014373	26996	3q26.2	167024081	neg	1	1	0																							
muscleblind-like (Drosophila)	NM_021038	4154	3q25.1	148963712	neg	1	1	2	0.37384	1.19166059	0.20428	1.60303922			0.5024954	0.77283406	0.36146102	1.16550637	0.62447047	0.35576638	0.33555	1.18692			0.52272426	0.81661825	0.66594411	0.77889282			0.53373666
UL16 binding protein 2	NM_025217	80328	6q25.1	149824235	neg	1	1	2	0.48189	1.01547902	0.5539	0.94066667	0.126118	1.30139859	0.66864669	0.82672292	0.6796886	0.86110923			0.67903	0.86111	0.553848967	0.98737465	0.686644008	0.71513231	0.56082172	0.92029183	0.59893	0.8049	0.56516757
hypothetical protein FLJ23451	NM_024766	79823	2p21	44587826	neg	1	1	0																							
calcium channel, voltage-depenc	NM_005183	778	Xp11.23	47844551	neg	0	1	2			0.55472	0.92837783	0.206242	1.37582607	0.298641	2.06846976	0.65044669	0.90681019	0.00311478	3.64358597	0.98668	0.50914	0.337237141	1.34884505	0.382599835	1.04338957	0.1461326	1.44803376	0.802232	0.58651	
mucolipin 1	NM_020533	57192	19p13.2	7545429	pos	1	1	2	0.3301	1.14126366	0.41878	1.06256039	0.260879	1.1414485	0.39912259	1.14567593	0.42670294	1.05065316			0.4179	1.05065	0.508610289	1.01055185	0.66085605	0.80144787	0.47636932	1.00481992	0.395637	1.03605	
potassium channel, subfamily K,	NM_031460	89822	6p21.2	39268880	pos	1	1	2	0.24524	1.27874741	0.58407	0.91505183	0.524203	0.75061591	0.78591019	0.77773444	0.3680517	1.12767364	0.6603961	0.59161846	0.31257	1.18159	0.594565814	0.94489068	0.01098466	2.07062731	0.03323395	2.20981241	0.021121	2.98683	0.1441918
G protein-coupled receptor 44	NM_004778	11251	11q12.2	63011288	neg	0	1	0	0.92908	0.65669372	0.96868	0.49587617	0.058843	1.36048134	0.37960047	1.0340531	0.41349144	1.05195257	0.72739684	0.64305156	0.33225	1.09932	0.717213527	0.85841296	0.52156134	0.92879854	0.25284696	1.24910118	0.323429	1.1171	0.07728421
CGI-112 protein	NM_016049	51016	14q11.2	21980607	neg	1	1	2	0.471	1.03801543	0.15095	2.03143045	0.103264	1.81535166	0.45874355	0.90588144									0.632998686	0.70671704	0.74284623	0.70941558			
HIF-1 responsive RTP801	NM_019058	54541	10q22.1	72812239	neg	1	1	2	0.32035	1.17488592	0.10784	1.60705761	0.57611	0.87862658			0.42592416	1.07462424			0.4171	1.07462	0.422682467	1.07367071	0.304206336	1.1160322	0.17554365	1.41614907	0.42192	0.99081	
ribosomal protein S6	NM_001010	6194	9p22.1	19706430	neg	0	1	2	0.80483	0.79886003	0.93211	0.5925147	0.195336	1.24030569	0.98356759	0.67598016	0.26048903	1.11042229	0.25539698	1.1447403	0.38963	1.06765	0.399002566	1.04811321	0.969107478	0.43995804	0.88772452	0.62381439	0.905837	0.51599	0.92355612
menage a trois 1 (CAK assembly	NM_002431	4331	14q23.1	58527587	pos	0	1	2			0.20101	1.63859127			0.43593911	1.12809097	0.23930074	1.45477049			0.22734	1.45477			0.576004958	0.99066866	0.56857176	0.82251082			
malate dehydrogenase 2, NAD (r	NM_005918	4191	7q11.23	74212943	neg	1	1	1	0.27762	1.29068754	0.29682	1.46654135					0.17767885	1.71132534			0.16598	1.71133	0.648225294	0.83044557	0.295656278	1.1618884	0.3073143	1.2594697			
MyoD family inhibitor	NM_005586	4188	6p21.1	41606437	neg	1	1	2																							
fms-related tyrosine kinase 1 (va	NM_002019	2321	13q12.2	26854471	pos	1	1	1	0.03262	1.81325197	0.02594	2.19141914	0.141524	1.26873619	0.30141232	1.16498039	0.31645477	1.15513862			0.30523	1.15514	0.361558179	1.25703864	0.010305665	2.13869215	0.00572631	3.14823108	0.112772	2.1262	0.02430909
solute carrier family 1 (glial high a	NM_004171	6506	11p13	36834985	neg	1	1	0																	0.254014555	1.56955929	0.37117049	1.2995671			
TEA domain family member 3	NM_003214	7005	6p21.31	35443616	neg	1	1	2									0.91594332	0.41203584			0.92004	0.41204									
tubby like protein 1	NM_003322	7287	6p21.31	35467763	neg	0	1	2	0.45634	1.02706415	0.83643	0.71419823	0.028218	1.41319247	0.99647564	0.62995432	0.06919298	1.25413669	0.12022119	1.27609201	0.15576	1.23275	0.723213615	0.93427386	0.953937721	0.47385613	0.94741921	0.53496982	0.780538	0.67046	0.90189194
crystallin, zeta (quinone reductas	NM_001889	1429	1p31.1	75290275	pos	0	1	0	0.2641	1.21369903	0.29329	1.20119048	0.511402	0.90731683	0.66962735	0.57448922	0.09368416	1.19458123	0.34845827	1.05618244	0.00465	2.35804	0.676568163	0.86469799	0.731700061	0.64682408	0.67393808	0.80589444	0.60135	0.68971	0.94611574
H2A histone family, member Y2	NM_018649	55506	10q22.1	70623830	neg	1	1	2	0.10845	1.73607821	0.17751	1.4608477	0.214675	1.20250753	0.7124781	0.80894844	0.05508945	2.52109883			0.04799	2.5211			0.001608077	2.67850369	0.00160784	4.0118385	0.036429	2.52549	0.00897183
RAN binding protein 2	NM_006267	5903	2q12.3	107241261	pos	1	1	2																							
DKFZP564O0823 protein	NM_015393	25849	4q13.3	75742400	pos	1	1	1			0.10591	2.32552493	0.268285	1.15339696			0.66295153	0.80563388			0.66174	0.80563			0.321767371	1.10159829	0.29165896	1.24762878	0.506021	0.85973	
hypothetical protein FLJ10547	NM_018134	55721	1p35.1	32486589	pos	1	1	2	0.3029	1.15531514	0.52521	0.96483315	0.884997	0.81089339			0.69381027	0.8530203	0.8367277	0.45557678	0.55255	0.9559	0.657111799	0.93212134	0.835838954	0.49202326	0.40452338	1.08170541	0.861515	0.50283	0.3833207
sialyltransferase 8D (alpha-2, 8-(	NM_005668	7903	5q21.1	99795245	pos	0	1	2	0.06172	1.60658498	0.44813	1.03209635	0.029729	1.36165558	0.00010522	2.17371232	0.43263716	1.04909156	0.50996016	0.72426802	0.4238	1.04924	0.092810985	1.36355875	0.007717664	1.91392177	0.01332805	2.42662224	0.014397	2.46777	0.22149598
tektin 2 (testicular)	NM_014466	27285	1p34.3	36371875	neg	1	1	2	0.7335	0.75453942	0.49687	0.98499127			0.22089505	1.96170525	0.5880388	0.73580962			0.5843	0.73581	0.671232064	0.90241624	0.619011755	0.76359358	0.49097703	0.98845599	0.469435	0.92042	
phosphorylase, glycogen; liver (H	NM_002863	5836	14q22.1	48693926	neg	1	1	2	0.15899	1.36635321	0.04942	1.77869237	0.54803	0.97448667	0.12334851	1.3322558	0.46130506	1.1284374	0.51686954	0.56774926	0.45205	1.1331	0.123509618	1.24622667	0.350198308	1.06096266	0.30047697	1.23376623	0.486161	0.88379	0.4624215
solute carrier family 2, (facilitated	NM_014580	29988	9q33.3	121274175	pos	1	1	2	0.23294	1.31319341	0.05408	2.03897569	0.498606	0.98063714	0.23419599	1.57397206	0.28016929	1.20705937			0.26848	1.20706	0.467574669	1.0386339	0.237552821	1.28904539	0.2373155	1.38873204	0.647352	0.57334	0.45004252
KIAA0266 gene product	NM_021645	9724	13q14.3	50598785	neg	1	1	0	0.10995	1.40173202	0.16652	1.36598746	0.743813	0.89840371	0.5356147	0.94402013	0.18650569	1.22596845	0.86276082	0.54118355	0.07019	1.41656	0.461608691	1.02627273	0.660919209	0.58225436	0.3371694	1.15718764	0.747589	0.63472	0.43924831
hypothetical protein FLJ20551	NM_017875	54977	3p22.2	38764507	neg	1	1	2	0.43639	1.07047652	0.43644	1.05665038	0.111115	1.58207822			0.36990142	1.11506201			0.3597	1.11506			0.391542244	1.00125915	0.41690999	1.08476065	0.472829	0.87666	
fibroblast growth factor 11	NM_004112	2256	17p13.1	7769104	neg	1	1	2	0.83796	0.67471298	0.63582	0.83782242			0.41195388	1.41367288	0.81206189	0.67829527			0.81513	0.6783			0.213024836	1.31479222	0.18408649	1.49350649			
hsp70-interacting protein	NM_012267	23640	19q13.42	56638021	neg	1	1	1																							
sorting nexin 7	NM_015976	51375	1p21.3	99924972	pos	1	1	0									0.69800693	0.36278453			0.69794	0.36278									
hypothetical protein	NM_014886	10412	5q13.3	72867788	neg	1	1	1	0.63637	0.84105874	0.64587	0.78370296			0.5043936	0.75441691	0.64920425	0.81827395			0.64754	0.81827			0.374159406	1.03369695	0.50256932	0.96938776			0.59023907
hypothetical protein FLJ10853	NM_018246	55246	8p21.1	27373549	neg	1	1	2	0.30838	1.20683451	0.61982	0.86756466			0.74107326	0.72645126	0.35350516	1.17389421	0.73921304	0.54335199	0.23011	1.37993	0.602242689	0.856239	0.752388298	0.61584613	0.77029367	0.70500928			0.837977
transmembrane phosphatase wit	NM_013315	7179	21p11.2	7669053	var	1	1	2	0.45164	1.03050289	0.87171	0.67587139	0.115869	1.24877421	0.9498993	0.73893487	0.44642352	1.02819872	0.61581947	0.86699136	0.38811	1.05617			0.85392292	0.60197327	0.58952377	0.90933719	0.932224	0.47955	0.43514428
butyrophilin, subfamily 2, membe	NM_024018	54718	6p22.2	26479918	neg	0	1	0	0.67375	0.88151837	0.96351	0.51252998	0.128174	1.26207909	0.40103761	1.16499006	0.29641611	1.17812904	0.53360533	0.83751954	0.27913	1.18587	0.569554867	0.979453	0.634153567	0.63379375	0.34142236	1.205074	0.602618	0.79793	0.45688379
hypothetical protein MGC3123	NM_024107	79089	17q21.31	42006988	neg	0	1	2																							
dihydrodiol dehydrogenase (dime	NM_014475	27294	19q13.33	50095298	neg	1	1	2	0.26354	1.27395097	0.15907	1.59593579	0.74601	0.84103587	0.45320269	0.9866375	0.41745937	1.07214607	0.49309796	0.61201213	0.40833	1.07221	0.595062178	0.90201312	0.653369137	0.89200798	0.68404376	0.7325487	0.417798	0.97326	0.56300588
KIAA1608 protein	NM_024820	57706	9q33.3	117268503	pos	1	1	2																	0.256879917	1.60381555	0.3698987	1.32867133			
dolichyl-phosphate mannosyltran	NM_003859	8813	20q13.13	49279882	neg	1	1	2									0.51717076	0.99848532			0.48892	0.99849			0.066525718	1.80295915	0.13813964	1.78455473	0.10233	3.90093	

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ubiquitin UBF-fl	NM 032828	84914	19q13.43	59259725	pos	1	1	2	0.62906	0.85756621	0.39853	1.1356623					0.76621336	0.74615342			0.76816	0.74615			0.578806903	0.99935318	0.36304314	1.15053597			
autism-related protein 1	NM_015570	26053	7q11.22	67704805	pos	1	1	0									0.77331779	0.4920553			0.77546	0.49206									
myosin IXA	NM 006901	4649	15q23	67913495	pos	1	1	2																							
TAF6 RNA polymerase II, TATA b	NM 005641	6878	7q22.1	98239476	neg	1	1	2	0.20377	1.31080287	0.51083	0.97548126	0.512806	0.90122567	0.55439679	0.92244749	0.22668749	1.23359293	0.30227975	1.3155078	0.2699	1.2072	0.49188314	1.03141384	0.546741605	0.88759822	0.57661936	0.86894289	0.488493	0.85882	0.59702495
jumping translocation breakpoint	NM 006694	10899	1q21.3	151764239	neg	1	1	2	0.50529	0.99364224	0.3204	1.18299859	0.608914	0.9292612	0.59197869	0.82512755	0.53730004	0.94742893			0.53187	0.94743	0.618702543	0.90894067	0.388503063	1.01000401	0.50638061	0.96458087	0.475063	0.89514	0.58254027
zinc finger protein 134 (clone pH	NM 003435	7693	19q13.43	59024099	pos	1	1	2	0.04047	2.1661514	0.37702	1.15840108	0.366658	1.11311404	0.06337403	2.64532031	0.03509999	2.18784248	0.27682286	1.57409914	0.03138	2.50959			0.000647783	3.70462077	0.00990382	3.08441558	0.001616	9.03226	0.21256619
gap junction protein, alpha 4, 37k	NM 002060	2701	1p34.3	35081120	neg	1	1	2																							
neuregulin 1	NM 013958	3084	8p12	32310550	pos	1	1	2									0.98249748	0.3572876			0.98455	0.35729									
hypothetical protein MGC2840 si	NM 024079	79053	11q14.1	80138950	pos	1	1	2	0.57384	0.9328491	0.43492	1.04783245	0.944981	0.66571219	0.47124382	0.97774778	0.35667846	1.15068604	0.42076731	0.40559687	0.33994	1.15817	0.619009263	0.86145606	0.524306234	0.82579684	0.59956647	0.86089466			0.60796558
glypican 6	NM 005708	10082	13q31.3	92238778	pos	0	1	2							0.00600554	5.51804119	0.33611875	1.23682727			0.32523	1.23683			0.012403903	3.72799481	0.01028432	3.71339445			0.18805397
insulin-like growth factor 2 recept	NM 000876	3482	6q26	159829625	pos	0	1	2									0.89133312	0.4715181			0.89546	0.47152			0.179286758	1.37829225	0.14197005	1.58130602			
chromosome 20 open reading fra	NM 080752	140831	20q13.12	44214733	pos	1	1	2	0.61992	0.91473136	0.6134	0.89382394	0.672094	0.92610619	0.82953743	0.73287514	0.88088411	0.72014988	0.91115052	0.49169263	0.7208	0.82917	0.514050926	1.0085377	0.384706754	1.00866263	0.25663749	1.25877501	0.538902	0.84225	0.48645725
hypothetical protein similar to CG	NM 033412	92014	9p13.2	38197583	pos	1	1	2	0.41924	1.06017972	0.23477	1.26478434	0.62662	0.92207884	0.87464677	0.64552467	0.73931613	0.80600892			0.74051	0.80601	0.89106625	0.80746491	0.300279786	1.11532947	0.18013194	1.40512266	0.514693	0.83278	0.30261647
hypothetical protein FLJ20651	NM 017919	55014	9q31.1	93469234	pos	1	1	2																							
smoothened homolog (Drosophil	NM 005631	6608	7q32.1	127305977	neg	1	1	2									0.97751055	0.44833385			0.9799	0.44833			0.974276807	0.08176841	0.47851807	1.00328243	0.618448	0.39216	
nucleoporin 214kD (CAIN)	NM 005085	8021	9q34.13	125015698	neg	1	1	2	0.77392	0.79469757	0.91457	0.60506775	0.434519	1.02726375	0.39856315	1.13342443	0.38251287	1.08361832			0.37259	1.08362	0.658152544	0.89995618	0.824806619	0.59108066	0.6552288	0.83279221	0.781235	0.60392	0.51600176
hypothetical protein FLJ20508	NM 017850	54955	1p34.3	37982059	neg	0	1	2	0.49808	1.00017407	0.31939	1.29600168	0.359024	1.11703488	0.50892292	0.83286817	0.24143192	1.3383987	0.24203517	1.86892599	0.31504	1.23507	0.415110819	1.58321643	0.362384538	1.04251138	0.38137674	1.11923941	0.408528	1.02941	0.43009904
ovarian cancer overexpressed 1	NM 015945	51006	20q13.12	44707064	pos	1	1	2	0.14799	1.6999559	0.07979	2.10298651	0.383852	1.2476048			0.59558081	0.89027437			0.5921	0.89027	0.398751468	1.42109858	0.243739211	1.22920921	0.13413926	1.59051792	0.397763	1.05627	
KIAA0210 gene product	NM_014744	9779	3p24.3	17129194	pos	0	1	0									0.42119443	1.12210828			0.41225	1.12211									
5-hydroxytryptamine (serotonin)	NM 000871	3362	1p36.13	19551611	neg	1	1	2																							
nucleoporin 98kD	NM 005387	4928	11p15.4	4267540	pos	1	1	1	0.13574	1.35652225	0.2005	1.30685096	0.805703	0.82598063	0.56374198	0.91667151	0.25289309	1.18872528	0.6791315	0.64833266	0.19591	1.24395	0.411424923	1.05087789	0.669053178	0.61309385	0.33951616	1.15397041	0.642015	0.76673	0.43493826
metallothionein 3 (growth inhibitc	NM 005954	4504	16q12.2	47006952	pos	1	1	1	0.8357	0.59653777	0.18086	2.09684211	0.186875	1.65505257			0.77369338	0.5752682			0.77584	0.57527			0.044428705	2.04750205	0.02468404	2.40290662			
hypothetical protein FLJ10535	NM 018129	55163	17q21.32	45724477	pos	1	1	2	0.57346	0.9494201	0.72499	0.799229	0.318316	1.10043963	0.27371294	1.13144007	0.00075259	2.58545184	0.48761673	0.89946892	0.00047	2.60519	0.580959167	0.96522226	0.291104895	1.13636052	0.16134783	1.45357516	0.316971	1.14027	0.42459844
hypothetical protein ET	NM 024311	79157	17q25.1	74567449	neg	1	1	2									0.64776723	0.79441741			0.64605	0.79442			0.366909869	1.12871276	0.55519279	0.78334364			
dolichyl-phosphate (UDP-N-acet	NM 001382	1798	11q25	135549891	neg	0	1	2	0.33212	1.15028066	0.21409	1.34308549	0.816089	0.79119811	0.45528466	0.98020519	0.30314024	1.37120297	0.66344749	0.30316324	0.25857	1.46359	0.476424225	1.05088948	0.82602192	0.17593085	0.97265056	0.11849732	0.572477	0.7641	0.33489455
serine/threonine kinase 10	NM 005990	6793	5q35.1	171705515	neg	1	1	1									0.70766949	0.75121896			0.7079	0.75122			0.551083782	0.96215048	0.46050623	1.02532171			
hypothetical protein	NM 015343	23399	16q21	55707738	pos	0	1	0																							
paired box gene 5 (B-cell lineage	NM 016734	5079	9p13.2	37150741	pos	1	1	2	0.15273	1.32706301	0.27436	1.20638145	0.85332	0.84067562	0.77291346	0.76708623	0.49103452	1.00860554	0.78602288	0.60226635	0.37242	1.0772	0.487639976	1.01961735	0.216958932	1.26581073	0.06821465	1.78909201	0.687778	0.71453	0.34670457
cholecystokinin B receptor	NM 000731	887	11p15.4	7024160	pos	1	1	2							0.31146452	1.94944645	0.60590875	0.86438302			0.60278	0.86438			0.489989795	0.83019159	0.54054106	0.89644438			
PHD finger protein 1	NM 024165	5252	6p21.32	33381041	pos	1	1	2									0.83970618	0.55417101			0.84329	0.55417									
DKFZP586M1019 protein	NM 015603	26093	19q13.32	48403613	pos	1	1	2	0.86405	0.73687327	0.74478	0.79076074	0.180199	1.15935772	0.92294937	0.65113416	0.47332415	1.01005837	0.37317234	1.04295964	0.67957	0.88332	0.753805738	0.91426888	0.94550556	0.48619366	0.80752436	0.712174	0.783277	0.64922	0.68454513
hypothetical protein FLJ13291	NM 032178	84138	16q22.1	59029462	neg	1	1	2	0.43107	1.05033611	0.32342	1.15253812	0.599223	0.92906957	0.47846672	0.82461345	0.5562121	0.97813684	0.88382095	0.32110898	0.46533	1.01525	0.446613816	1.04195943	0.996257934	0.15652601	0.99942764	0.17541142	0.508314	0.83437	0.54766598
uncharacterized hematopoietic s	NM 018464	55847	10q21.1	58824256	pos	1	1	2	0.28706	1.26649611	0.33307	1.20693512	0.545739	0.95939684	0.47807338	0.93233151	0.43317961	1.08671253			0.42456	1.08671	0.649077431	0.83810564	0.325092611	1.1657472	0.42597422	1.10665092			
uncharacterized hypothalamus p	NM 018471	55854	2q32.1	185558095	pos	1	1	2	0.30931	1.27015246	0.23008	1.41944444			0.76918613	0.66121624	0.33441706	1.20646853			0.3235	1.20647	0.534649285	0.99079504	0.634560337	0.65627015	0.78071001	0.61969993			0.59518771
putative cyclin G1 interacting pro	NM 006349	10467	7q22.1	99345004	neg	1	1	2																							
spleen focus forming virus (SFFV	NM 003120	6688	11p11.2	49316230	neg	1	1	0	0.44584	1.06988131	0.73735	0.7001638			0.2987183	1.27332538	0.99368287	0.4015037			0.99471	0.4015			0.368144072	1.02698061	0.15497308	1.44160499			
thymosin, beta, identified in neur	NM 021992	11013	Xq22.1	97070384	neg	1	1	2			0.17407	1.38429			0.39112883	1.06186353	0.99839305	0.46955719	0.49219251	0.92467286	0.99877	0.46831			0.979049305	0.31156176	0.98989347	0.37351537			0.75944608
KIAA0171 gene product	NM_014666	9685	5q33.3	157262669	neg	1	1	1			0.52547	0.93468468	0.132177	1.47882745	0.94779212	0.32253765	0.8261511	0.69635196			0.8295	0.69635			0.641910068	0.99607281	0.25980741	1.31799927	0.189809	2.63529	
peptidylprolyl isomerase E (cyclo	NM 006112	10450	1p34.2	40234164	pos	1	1	2																	0.529972706	0.51613036	0.68616055	0.44460044			
KIAA0258 gene product	NM 014785	9827	9p13.3	36061550	neg	1	1	2	0.51151	0.84639084	0.13982	1.75852987	0.240716	1.4742572			0.69171992	0.78535647			0.69145	0.78536			0.534772765	0.94283244	0.47940269	1.00243506			
X-ray repair complementing defe	NM 006297	7515	19q13.31	44692952	neg	1	1	2			0.26832	1.60645161					0.82096476	0.61205587			0.82421	0.61206			0.338865384	1.08177734	0.4118349	1.08824509			
hypothetical protein FLJ20607	NM 017899	54997	12q24.22	116502540	neg	1	1	2	0.83701	0.6953992	0.7904	0.69016631	0.160807	1.74188062	0.46731494	0.98112245	0.73448629	0.83553806			0.73554	0.83554	0.508186484	1.02239306	0.772225724	0.65492782	0.54176973	0.94606395	0.664076	0.69014	0.43117131
hypothetical protein FLJ14547	NM 032804	84890	10q21.2	63375871	neg	1	1	1			0.22652	1.71533333													0.26478457	1.47492394	0.38347413	1.24703254			
hypothetical protein MGC2628	NM 024076	79047	19q13.11	34905314	neg	1	1	1																							
deleted in azoospermia	NM 004081	1617	Yq11.223	24520370	pos	0	1	0									0.89905811	0.4863505			0.9032	0.48635									
dJ55C23.6 gene	NM 052831	116843	6q23.2	132713662	pos	1	1	2	0.13684	1.3493372	0.30451	1.17498134	0.795933	0.86985544	0.6115493	0.78218957	0.4304301	1.04761476	0.74125109	0.49362825	0.3649	1.0869	0.383248334	1.07008162	0.389911001	1.00664945	0.26235157	1.25066714	0.654102	0.73314	0.49255763
uncoupling protein 2 (mitochondr	NM 003355	7351	11q13.4	76013388	pos	1	1	2									0.15425407	1.77612007			0.14293	1.77612			0.280428781	1.27385877	0.4315373	1.08421881			
G protein-coupled receptor kinas	NM 005307	2868	4p16.3	2996543	neg	1	1	2	0.0485	1.57527949	0.06033	1.6770964	0.766472	0.85110805	0.40442586	1.03966512	0.43771653	1.04186098	0.89922515	0.38883168	0.27247	1.1577	0.294727325	1.09923338	0.576599536	0.97207936	0.2604939	1.25258184	0.646731	0.74821	0.48980214
Rad50-interacting protein 1	NM 021930	60561	7q22.3	103656572	neg	1	1	2	0.42897	1.06826951	0.47401	1.0095332	0.486979	1.00252655	0.26379015	1.19765609	0.6040219	0.88034184			0.60083	0.88034	0.372151589	1.15579156	0.326356952	1.12764543	0.37224864	1.15286353	0.388076	1.07692	0.57511708
cAMP-regulated guanine nucleot	NM_007023	11069	2q31.1	171653149	neg	1	1	2									0.98928583	0.22567713			0.99078	0.22568									
polymerase (DNA directed), beta	NM 002690	5423	8p11.21	41722150	neg	1	1	1	0.03759	1.75031445	0.05523	1.78402299	0.872845	0.78525914	0.44228119	1.00189603	0.74478084	0.82943643	0.74485906	0.55063874	0.68482	0.86678	0.837641057	0.84595539	0.69202585	0.54127773	0.47726144	1.00477174	0.760515	0.60181	0.41180781
oxysterol binding protein-like 3	NM 015550	26031	7p15.3	24478640	neg	1	1	1																							
phospholipid scramblase 4	NM 020353	57088	3q24	142702309	pos	1	1	0																							
ubiquitin-conjugating enzyme E2	NM 003339	7322	5q31.2	138764953	pos	1	1	1																							
5í-nucleotidase, cytosolic II	NM 012229	22978	10q24.32	103741111	pos	1	1	0	0.80037	0.77902221	0.87917	0.64600985	0.560057	0.97284266	0.51892821	0.95423024	0.52410702	0.9909402	0.2797148	1.18934463	0.72171	0.85427	0.365069097	1.08589307	0.490519517	0.9104398	0.24899506	1.26526665			0.57728263
hypothetical protein BC004930	NM 138351	90346	19q13.33	53146522	neg	1	1	2	0.4094	1.07414253	0.66474	0.84650472	0.702063	0.89088655	0.17302788	1.2301119	0.76553617	0.80074197			0.76747	0.80074	0.697952581	0.82603757	0.645514469	0.74896342	0.51081635	0.97155641			0.64962965
protein predicted by clone 23627	NM 013299	29901	11q13.1	67324203	neg	1	1	2	0.45607	1.063592	0.28218	1.3002261			0.40641297	1.12845623	0.37613751	1.10720923	0.25510852	1.72704115	0.45473	1.03691			0.533380931	0.86015519	0.57828135	0.85796388	0.425156	0.97674	
Tax1 (human T-cell leukemia viru	NM 006024	8887	7p15.2	27422287	pos	1	1	1	0.43471	1.50478179	0.08588	1.87698253	0.658161	0.714079	0.44950185	0.98936669	0.31476451	1.23778325			0.30352	1.23778	0.539311543	0.77023621	0.387677678	1.00785396	0.48177986	0.999667	0.558449	0.76327	0.47898534
adipose specific 2	NM 006829	10974	10q23.2	87609854	neg	0	1	1	0.54398	0.96778089	0.53745	0.95568996	0.629081	0.9385893	0.52207147	0.92548876	0.15987878	1.32773005	0.57887822	0.81408534	0.1281	1.37686	0.871354492	0.83556882	0.001946313	2.58277184	0.01607605	2.69719458	0.002966	4.10447	0.01713027
ubiquitin specific protease 20	NM 006676	10868	9q34.11	123726787	neg	1	1	0			0.10816	1.73283274	0.393934	1.07633343			0.39603684	1.01351145	0.3921812	1.01299888	0.45576	1.03068			0.63547924	0.94985438	0.5567662	0.9223301	0.356061	1.1359	
hypothetical protein FLJ13193	NM_032177	84137	5q23.2	125570407	neg	1	1	2	0.96251	0.56089207	0.85676	0.66742601	0.490094	1.00012118	0.64535573	0.81115474	0.72886737	0.80668138			0.72975	0.80668	0.598409219	0.93946643	0.571545771	0.80270126	0.55804574	0.92104076			0.66394291
CGI-63 protein	NM_016011	51102	1p35.2	29526444	neg	1	1	1	0.40197	1.11173134	0.02679	2.25043732	0.597937	0.9381088	0.60225782	0.80284807	0.46250851	1.04026566	0.2802057	1.38757247	0.62245	0.87147	0.927266191	0.67334419	0.580402522	0.77345538	0.64784037	0.81767252			0.9676591
cofactor required for Sp1 transcr	NM 004830	9439	6q23.2	131567444	pos	1	1	1	0.44507	1.07239169	0.22023	1.49639423	0.607578	0.88505069			0.5511797	0.9411788			0.54621	0.94118			0.550389478	0.93991951	0.51423288	0.94171529			
prostaglandin E receptor 2 (subty	NM 000956	5732	14q22.1	50103746	neg	1	1	2	0.27297	1.19459189	0.29669	1.18582852	0.513724	0.98716159	0.52068605	0.92626209	0.2283876	1.1870989	0.28495246	1.27943288	0.28212	1.15717	0.497277758	1.02037772	0.578350422	0.99791092	0.23149556	1.33358551	0.421551	0.99333	0.40773027
hypothetical protein PRO2266	NM 018519	55389	10q21.3	67725011	pos	1	1	0	0.05065	1.60783909	0.12748	1.46221401	0.918411	0.7871148	0.31796161	1.12684061	0.31256213	1.05077441	0.38123689	1.03115563	0.2483	1.20332	0.199492184	1.15747959	0.596467163	0.88242499	0.26741728	1.27005348	0.737951	0.62438	0.18935179
adenylate cyclase 9	NM 001116	115	16p13.3	4044054	neg	0	1	0	0.49754	1.00041416	0.76041	0.78249632	0.823575	0.85392736	0.78207908	0.83575297	0.4077037	1.03181278	0.34176272	1.05807548	0.5833	0.9479	0.105968769	1.34780884	0.304239328	1.04027612	0.51441736	0.97141364	0.18928	1.32	0.42386922
hypothetical protein MGC20781	NM 052935	115024	17q21.2	39537832	pos	1	1	2									0.45875747	1.06091415			0.45086	1.06091									
patched homolog (Drosophila)	NM 000264	5727	9q22.32	89028005	pos	0	1	0	0.22348	1.21477544	0.88817	0.6577049	0.533559	0.88333337	0.39196247	1.02492517	0.76259983	0.89578294	0.95173793	0.62121032	0.42257	1.03588	0.211529813	1.12912702	0.176942826	1.30809152	0.10697876	1.54476073	0.668557	0.77072	0.25602148
serine/threonine kinase FKSG81	NM_032028	83942	5q22.2	112366395	pos	0	1	1																							
ubiquitin specific protease 13 (isc	NM 003940	8975	3q26.33	176137336	pos	1	1	2																							
ubiquitin-conjugating enzyme E2	NM 003343	7327	21q22.3	42698812	neg	1	1	2	0.75321	0.71347319	0.59155	0.86291533	0.257542	1.26487805			0.94816906	0.60641945			0.95177	0.60642	0.616620235	0.93301412	0.643301032	0.73662668	0.29772352	1.19414989	0.533428	0.67712	0.14002044
RAD51 homolog C (S. cerevisiae	NM 058216	5889	17q23.2	56517886	pos	1	1	2																							
polymerase (RNA) III (DNA direc	NM 006467	10622	5q14.3	88798606	pos	1	1	0	0.15139	1.34247338	0.16894	1.36800739	0.744402	0.86544224	0.45234422	0.93971897	0.58005489	0.92799715			0.57605	0.928	0.254666258	1.17056851	0.612540731	0.76260002	0.42970527	1.05450105	0.598168	0.64187	0.45129509
synaptojanin 1	NM 003895	8867	21q22.11	30580695	neg	1	1	1	0.05292	1.56499849	0.07425	1.612847	0.971948	0.7295644	0.2745059	1.14627859	0.34705686	1.06444121	0.35801811	1.06763904	0.41424	1.05782	0.470663846	1.02955166	0.711424084	0.59779322	0.34972758	1.14545986	0.724467	0.66068	0.50980053
estrogen-related receptor gamma	NM 001438	2104	1q41	215342975	pos	1	1	2									0.6069904	0.85337795			0.6039	0.85338									
nudix (nucleoside diphosphate lir	NM 014142	11164	10p13	12153848	neg	1	1	1	0.22112	1.38466975	0.29191	1.25908184	0.809639	0.60087317	0.81810572	0.47974774	0.36109198	1.4648719	0.58323318	0.41294922	0.32786	1.57909	0.539227933	0.96477913	0.858528966	0.47749947	0.99285958	0.11042969	0.3968	1.06144	0.65501509
potassium voltage-gated channe	NM 004976	3746	11p15.1	18878780	neg	1	1	1	0.04031	1.76142231	0.05745	1.76341853	0.619218	0.93469302	0.2092992	1.23693746	0.31292011	1.04570467	0.37086136	1.02933542	0.16	1.54124	0.011837634	1.62787095	0.001644159	2.5514812	0.01423245	2.55304102	0.001289	5.25088	0.17874507
Putative prostate cancer tumor s	NM 006765	7991	8p22	15172262	pos	1	1	1	0.36937	1.09248314	0.6322	0.88176833	0.276397	1.10677827	0.28518726	1.07848138	0.59513184	0.99577343	0.40051052	0.99539785	0.3578	1.12973	0.455907918	1.03188186	0.182781213	1.12371587	0.20402892	1.35831787	0.030143	2.11717	0.39593171
palmitoyl-protein thioesterase 1 (	NM 000310	5538	1p34.2	40568001	pos	1	1	2	0.19419	1.38623133	0.08481	1.75357843	0.591381	0.88829824	0.41667391	1.18337204	0.10319646	1.61441969	0.58312947	0.61330268	0.0854	1.65375	0.582526976	0.89791363	0.286110417	1.12825746	0.67136731	0.70926658	0.290361	1.37783	0.58337223
galactosylceramidase (Krabbe di	NM 000153	2581	14q31.3	85904847	pos	0	1	1									0.55490515	0.90650998			0.55006	0.90651									
glyoxylate reductase/hydroxypyru	NM 012203	9380	9p13.2	37734917	pos	1	1	1	0.46916	1.05991353	0.43711	1.04075031	0.902094	0.7444167	0.38471586	1.07307154	0.63832301	0.90056703	0.61929397	0.67867993	0.61222	0.91563	0.427029711	1.04709844	0.551583842	0.96696767	0.33644926	1.1732875	0.582531	0.71373	0.48547631
phosphofructokinase, liver	NM 002626	5211	21q22.3	42229827	neg	1	1	1			0.31461	1.32108333					0.85509813	0.63856426			0.85891	0.63856	0.559555423	0.9494377	0.669241339	0.71190254	0.55665636	0.922896			
rhabdoid tumor deletion region g	NM 014433	27156	22q11.22	20100280	pos	1	1	2									0.76771188	0.62946152			0.7697	0.62946									
serum constituent protein	NM_007061	11135	22q13.1	34571057	neg	1	1	2									0.74438622	0.31431791			0.74573	0.31432			0.54511213	0.69595942	0.75551023	0.57282004			
hypothetical protein FLJ20150	NM 017688	54836	9q32	106914740	neg	1	1	0	0.06842	1.78922997	0.62854	0.78463262	0.521217	0.94333236	0.4733621	0.94567532	0.54428994	0.72196691	0.55193285	0.47440795	0.48908	0.89437	0.615295819	0.89585156	0.322879644	1.00336088	0.44792681	1.03225108	0.365089	1.10821	0.41503868
C1q and tumor necrosis factor re	NM 031908	114898	5q33.3	159893423	neg	1	1	2	0.99611	0.4020236	0.99249	0.37565749	0.437162	1.02606533	0.10917375	1.81993522	0.39987192	1.00591256	0.39206122	1.00582222	0.44668	1.08708	0.500044762	1.03051344	0.556576926	0.84069783	0.37103535	1.10787172	0.291571	1.15799	0.04556642
coatomer protein complex, subur	NM 004371	1314	1q23.2	158051134	pos	0	1	2	0.36838	1.14674879	0.30481	1.20218254	0.768156	0.71904287	0.69692895	0.73894212	0.31840932	1.18860603	0.51891267	0.60792953	0.30658	1.18946	0.842673124	0.71589506	0.045443317	2.26808027	0.54848409	0.89187921	0.023958	2.8872	0.5646437
GAJ protein	NM 032117	84057	4q31.3	155112401	neg	1	1	2	0.46448	1.3603194	0.12928	1.5355	0.674309	0.87007495	0.66426654	0.69285296	0.31816568	1.27453226	0.82158438	0.13350458	0.23423	1.42959	0.366394239	1.18940045	0.53959306	0.82612198	0.51033712	0.88831169	0.48276	0.86213	0.98668955
RAB6C, member RAS oncogene	NM 032144	84084	2q21.1	128038658	neg	1	1	0	0.50055	0.99695504	0.30604	1.31449447	0.438672	1.1067252	0.40323776	1.26339969	0.50990547	0.982926			0.50358	0.98293	0.324218302	1.69492209	0.351054148	1.06614093	0.38221547	1.13799443	0.204421	2.80969	
hypothetical protein FLJ10849	NM 018243	55752	4q21.1	77767773	neg	1	1	1									0.66764457	0.73875871			0.66659	0.73876			0.560191133	0.94327419	0.57326276	0.7996633			
hypothetical protein MGC15563	NM_032876	84962	14q11.2	20813470	neg	1	1	2	0.20136	1.26620282	0.11827	1.51938017	0.963157	0.70050647	0.37385227	1.0704397	0.78640601	0.77535076	0.73470434	0.42833796	0.74993	0.80259	0.553657825	0.99090196	0.596880214	0.77312091	0.48429937	0.99688312	0.619523	0.72471	0.46171205
tropomyosin 2 (beta)	NM 003289	7169	9p13.3	35994218	neg	1	1	2	0.37294	1.35868326	0.65303	0.86852741	0.977355	0.73561677	0.37932257	1.05163504	0.91842458	0.75306651	0.9773405	0.5492829	0.54722	0.96877	0.275876988	1.09453992	0.025560962	1.59795014	0.06065827	1.74581954	0.112817	1.49648	0.05628781
latent transforming growth factor	NM 003573	8425	19q13.2	41744597	pos	0	1	2	0.67769	0.81521442	0.54215	0.94706815	0.556529	0.94532699	0.21979234	1.25971275	0.67407517	0.83446505	0.44384641	0.81315954	0.66511	0.83624	0.727982312	0.85245763	0.628766239	0.99302353	0.21189003	1.3837031	0.36747	1.10147	0.29484322
POU domain, class 4, transcripti	NM 004575	5458	4q31.22	148362543	neg	1	1	2																							
uracil-DNA glycosylase 2	NM 021147	10309	5q11.2	54689794	neg	1	1	2	0.48753	1.01395166	0.12667	1.9710501	0.536	0.95431668	0.27463245	1.72221639	0.72284659	0.7036242			0.72355	0.70362	0.451271703	1.13218982	0.235508817	1.54453759	0.34661783	1.31601732			
signal recognition particle 9kD	NM 003133	6726	1q42.12	224447657	pos	1	1	2			0.49115	0.98315476					0.48515204	1.27172261			0.47805	1.27172			0.366266009	1.08108531	0.54059833	0.87523588			
dermatan-4-sulfotransferase-1	NM 130468	113189	15q15.1	36130985	neg	1	1	1									0.67577882	0.74718591			0.67499	0.74719									
collagen, type IX, alpha 2	NM 001852	1298	1p34.2	40801294	pos	1	1	2	0.30072	1.15845162	0.16289	1.37751013	0.723807	0.8983664	0.11657614	1.31973981	0.33562044	1.10978577	0.75587199	0.55888211	0.2517	1.17282	0.368310929	1.06873645	0.114466528	1.47045336	0.02834613	2.12951432	0.179509	1.37404	0.88919222
Rho guanine nucleotide exchang	NM 015313	23365	11q23.3	122207398	neg	1	1	2	0.43972	1.05333826	0.50023	0.9836039	0.619787	0.91606099	0.33284278	1.53489632	0.69750393	0.8494629	0.79496991	0.16490856	0.6563	0.87957	0.648464869	0.90736284	0.573819545	0.77730292	0.30255538	1.21490131	0.552348	0.74667	0.20000464
exostoses (multiple) 2	NM 000401	2132	11p12	45666573	pos	1	1	2									0.6606227	0.78021229			0.65934	0.78021									
predicted osteoblast protein	NM_014888	10447	7q31.31	119466734	pos	1	1	2	0.12749	1.46727811	0.13097	1.47014943	0.500195	0.99406942	0.42382411	1.01498457	0.64620569	0.86305499	0.56722511	0.65752131	0.63596	0.86929	0.63625908	0.95447189	0.605971194	0.78585804	0.48266085	0.99876314	0.480663	0.88379	0.51142037
zinc finger protein 302	NM 018443	55900	19q13.11	35786158	neg	1	1	2	0.32842	1.21097006	0.22443	1.36672125	0.590448	0.77944088	0.57263315	0.91383086	0.48245232	1.01476264	0.52274857	0.71749103	0.47433	1.01534	0.748049143	0.76031464	0.555064235	0.75725314	0.5621114	0.89539153	0.415044	1.00654	0.84456154
tight junction protein 4 (periphera	NM 080604	93643	6p21.1	43447389	neg	1	1	2			0.41483	1.16238426			0.32803656	1.28154457	0.8728132	0.56971265			0.87683	0.56971			0.64258027	0.73642181	0.49687798	0.98358586			
heparan sulfate (glucosamine) 3-	NM 006041	9953	17p12	14570515	pos	1	1	2	0.71027	0.84653586	0.9895	0.41703731	0.241992	1.21819345	6.7315E-07	2.38681292	0.97941117	0.6480944	0.24248845	1.24741068	0.99963	0.39563	0.00086457	1.86823163	0.330618489	1.12396696	0.10211588	1.56411894	0.913874	0.48004	0.00094264
mitochondrial ribosomal protein L	NM 016622	51318	2p11.2	86321981	neg	0	1	2	0.78423	0.81615627	0.9466	0.56826998	0.739198	0.9082149	0.87327274	0.81693682	0.27862848	1.08168654	0.28250849	1.07759598	0.39476	1.15346	0.433043678	1.03309678	0.939708391	0.43622543	0.95096304	0.52619498	0.879345	0.56679	0.68145273
retinoblastoma-like 1 (p107)	NM 002895	5933	20q11.23	35354966	neg	1	1	2	0.28604	1.1947863	0.44845	1.03274954	0.617054	0.92100537	0.80965512	0.745619	0.20067197	1.30826196	0.47860752	0.89804395	0.18378	1.31994	0.587206276	0.93805483	0.021338667	1.74385263	0.0150387	2.55540756	0.076266	1.88497	0.14846519
apolipoprotein (a) related gene C	NM 024492	80350	6q26	160327601	pos	1	1	0									0.80873312	0.65904086			0.81172	0.65904			0.62412181	0.67536356	0.73852347	0.67343074			
nucleoporin 62kD	NM 012346	23636	19q13.33	51069712	neg	1	1	2	0.18146	1.29618019	0.19489	1.32408994	0.891957	0.80141579	0.59288674	0.89304501	0.39884322	1.06794299	0.78987443	0.46015681	0.31153	1.12579	0.345184467	1.08628218	0.241398499	1.07019766	0.22359698	1.34121134	0.303285	1.16167	0.38637346
G-protein coupled receptor SALP	NM_016568	51289	5p13.3	33882872	neg	1	1	2	0.0397	2.27405566	0.11167	2.05748945	0.399743	1.08856094	0.14533586	1.70934347	0.01743836	2.16091967	0.19641559	1.92776762	0.02134	2.22718			0.000142977	5.81413085	0.00394092	4.1896645	0.000186	45.1294	0.18607231
v-raf murine sarcoma viral oncog	NM 004333	673	7q34	138705022	neg	1	1	2	0.65752	0.82185384	0.51469	0.96202497	0.270909	1.29037494	0.43833773	1.01015281	0.66075166	0.84751877			0.65947	0.84752			0.37896212	1.02185815	0.32670368	1.19637938	0.375107	1.09804	0.49400036
KIAA0247 gene product	NM 014734	9766	14q24.1	67583544	neg	1	1	2																							
secretin receptor	NM 002980	6344	2q14.2	117402846	neg	1	1	2	0.04123	1.70073539	0.20825	1.3084622	0.397552	1.05889337	0.28023895	1.17171434	0.04947036	1.41589063	0.29360239	1.16268903	0.02667	1.76962	0.991385407	0.58531309	0.005522147	3.17649345	0.22627516	2.57034632	0.001507	5.06962	0.02536265
Sp2 transcription factor	NM 138406	6668	17q21.32	45679153	pos	1	1	0	0.07415	2.00887629	0.05669	1.83681015	0.63844	0.919012	0.54690438	0.90932332	0.14993733	1.454906			0.1387	1.45491	0.305637926	1.20280369	0.577837294	0.95781424	0.41344039	1.08225108	0.412138	1.01254	0.31509591
sialidase 1 (lysosomal sialidase)	NM 000434	4758	6p21.33	31898822	neg	1	1	2	0.7915	0.80299421	0.78551	0.76053499	0.344148	1.05945382	0.70070768	0.85482943	0.39642942	1.06134543	0.47227957	0.92915506	0.37937	1.067	0.618474083	0.96847248	0.886833093	0.45594905	0.91296497	0.37063759	0.859938	0.57511	0.64949667
ribophorin II	NM 002951	6185	20q11.23	35535959	neg	1	1	2	0.62167	0.87832052	0.34866	1.20836627	0.238533	1.46352917			0.83945092	0.63935534			0.84303	0.63936			0.640079215	0.88344972	0.72593042	0.69264069	0.353895	1.19149	
hypothetical protein	NM 015933	51372	3p21.31	48283299	neg	1	1	2	0.62433	0.83188961	0.38015	1.13935502	0.231942	1.98774587	0.3581522	1.21857068	0.55965427	0.91836206			0.55496	0.91836			0.56702345	0.97819046	0.5163566	0.94854071			
chromosome 12 open reading fra	NM 020373	57101	12p13.31	5407838	neg	0	1	2			0.5309	0.93593556	0.660938	0.76926103	0.54779189	0.84232021	0.51647607	0.86676997			0.51037	0.86677			0.31108134	1.1462013	0.73150268	0.69869199	0.191202	1.84874	0.54826619
CDC14 cell division cycle 14 hom	NM 003671	8555	9q22.32	90078438	pos	1	1	2																							
solute carrier family 26, member	NM 022911	65010	3p21.31	48453034	neg	1	1	2																	0.160253751	2.53775421	0.22085947	2.12481962			
hypothetical protein FLJ14813	NM 032844	84930	10p12.1	27179655	pos	1	1	2	0.17209	1.48889266	0.08308	1.70563574	0.885057	0.63093035	0.46169544	0.79474863	0.13510366	1.58309587			0.12422	1.5831	0.406428361	1.10879448	0.069013988	2.22200003	0.52405721	0.93850594	0.04012	2.95661	0.64521959
cell cycle related kinase	NM 012119	23552	9q22.1	81543336	neg	1	1	1	0.64464	0.90874178	0.91897	0.6159019	0.807347	0.87587261	0.96595636	0.72688659	0.51209976	0.99848272	0.62881053	0.85953989	0.47575	1.00649	0.247219778	1.10637762	0.95013152	0.47686596	0.92573778	0.57090944	0.89783	0.53769	0.83204911
thymidine kinase 2, mitochondria	NM 004614	7084	16q22.1	57239425	neg	1	1	2	0.85518	0.75634963	0.94941	0.55983911	0.487964	1.00086827	0.85303984	0.82140262	0.37699952	1.03405627	0.30476025	1.09491722	0.47292	1.00808	0.714058841	0.92433598	0.934959114	0.51295276	0.86429376	0.6570541	0.857548	0.57964	0.76427837
disrupted in bipolar disorder 1	NM 024740	79796	11q23.1	114009966	neg	1	1	2			0.47835	1.01196868	0.447114	1.05935823	0.54358127	0.83148355	0.16486481	1.71319988	0.47275038	0.70177015	0.15046	1.72924			0.539303024	0.80016168	0.60959839	0.84415584	0.535141	0.72582	
lysosomal apyrase-like protein 1	NM 020354	57089	10q24.2	100312548	pos	1	1	2	0.3902	1.08218438	0.34395	1.12889642	0.735863	0.88732063	0.42046816	1.14774179	0.49457678	1.00817348	0.77758824	0.40194305	0.41844	1.05767	0.324685556	1.14483403	0.591945195	0.86148142	0.38191111	1.10633498	0.495496	0.89216	0.49901445
lamin B receptor	NM 002296	3930	1q42.12	224071332	pos	1	1	2	0.11691	1.51135657	0.07806	1.62583333	0.777646	0.79875904	0.17306373	1.34249691	0.69116542	0.8395838	0.44072152	0.83919667	0.68278	0.83962	0.355056204	1.09794268	0.35055983	1.05956479	0.32136207	1.21320346	0.597407	0.73643	0.3128869
a disintegrin and metalloproteina	NM 023038	8728	5q33.3	156957204	neg	1	1	0	0.24328	1.21599061	0.21019	1.30546906	0.890739	0.77752365	0.21782779	1.26018605	0.67391691	0.87380651	0.56701332	0.78929683	0.66349	0.87811	0.416500231	1.04601792	0.616377311	0.79024511	0.38882413	1.08958107	0.400533	1.01929	0.49115357
ketohexokinase (fructokinase)	NM 000221	3795	2p23.3	27231447	neg	1	1	2	0.64895	0.82704161	0.48722	0.996			0.59580178	0.76773839	0.47638767	1.02001423			0.46902	1.02001	0.424985163	1.22926749	0.655343543	0.47844696	0.4503708	1.08811328	0.19128	8.37255	0.36282923
membrane-bound transcription fa	NM 003791	8720	16q23.3	74938112	pos	1	1	2	0.23355	1.26045438	0.08054	1.61755297	0.307496	1.12852584	0.31980055	1.12903164	0.6047561	0.90381304	0.43091293	0.92627883	0.58962	0.82074	0.602469782	0.84862171	0.286880154	1.11424535	0.3957214	1.10244098	0.231909	1.6629	0.15601569
snail homolog 1 (Drosophila)	NM 005985	6615	20q13.13	48328004	neg	1	1	2	0.82274	0.56908862	0.4973	0.97647059	0.257481	1.80159061	0.42180768	1.06232979	0.5311205	0.87648272			0.52549	0.87648			0.069447678	2.75260491	0.65900651	0.72281254	0.061172	3.1409	

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hypothetical protein FLJ12687	NM_024917	79979	Xq22.1	95546200	neg	1	1	2																							
golgi autoantigen, golgin subfam	NM_004486	2801	9q34.11	122134047	neg	1	1	2	0.21847	1.23794383	0.30466	1.1715031	0.519871	0.98673735	0.21169244	1.31838211	0.50693745	0.9998222	0.64952297	0.72688021	0.47511	1.00864	0.542508111	0.99331938	0.280566809	1.14944149	0.071192	1.72727273	0.655254	0.74563	0.37680918
chromosome 21 open reading fr	NM_017833	54943	21q22.11	31437928	neg	1	1	2	0.35037	1.13612463	0.17917	1.54294872	0.897747	0.69775184	0.4901509	0.91132019	0.55881606	0.9581056	0.46385099	0.11210162	0.55363	0.95846	0.607552474	0.90078212	0.515244173	0.85747483	0.32336588	1.18281424	0.634902	0.70848	0.26922909
sulfide dehydrogenase like (yeas	NM_021199	58472	15q21.1	41484610	pos	1	1	0					0.661177	0.8079891			0.46367268	1.04097421			0.45592	1.04097			0.362314303	1.08367044	0.54302516	0.88269454			
mitogen-activated protein kinase	NM_003618	8491	2q22.1	39440933	pos	1	1	2			0.04821	11.1984127	0.911146	0.11059656	0.60168249	0.51294821															
KIAA0040 gene product	NM_014656	9674	1q25.1	172650476	neg	1	1	1																							
transient receptor potential catio	NM_017636	54795	19q13.33	50319371	neg	1	1	0	0.49134	1.00438979	0.91624	0.61937029	0.908432	0.8143877	0.39650034	1.08907485	0.99201216	0.64377721	0.96082714	0.59372155	0.96122	0.67413	0.336554539	1.06893365	0.312455417	1.02310747	0.28396295	1.20342772	0.366008	1.05353	2.6849E-06
aldehyde dehydrogenase 9 famil	NM_000696	223	1q24.1	163266336	pos	0	1	2	0.76348	0.82091542	0.89779	0.62557592	0.072615	1.26851589	0.41485668	1.01845135	0.36684162	1.08243412	0.119417	1.5153864	0.67143	0.88625	0.537556551	0.99721149	0.805208834	0.65342723	0.6983401	0.81935702	0.837354	0.59511	0.66584336
CGI-40 protein	NM_015996	51092	11q23.3	119402473	neg	1	1	2																							
zinc finger protein. subfamily 1A.	NM_016260	22807	2q34	212034134	pos	0	1	2																							
VGF nerve growth factor inducib	NM_003378	7425	7q22.1	99289354	neg	1	1	2	0.0992	1.43206648	0.22837	1.26704612	0.599303	0.95064584	0.34951044	1.52170968	0.23969745	1.14851445	0.13719881	1.43554769	0.43606	1.03673	0.659095377	0.952154	0.696634288	0.5857983	0.33761592	1.17020858	0.637786	0.75294	0.395687
protein tyrosine ohosohatase. no	NM_080422	5771	18q11.21	12813027	neg	1	1	2																							
sorting nexin 15	NM_013306	29907	11q13.1	67310722	neg	1	1	0									0.68523904	0.70578963			0.68476	0.70579									
protein phosphatase 1, regulator	NM_030949	81706	6q25.1	150025332	neg	1	1	2																							
zinc finger protein 37 homoloo (n	NM_003408	7539	9q32	106602369	neg	1	1	2	0.04655	2.20879358	0.14718	2.29414191	0.195826	1.35135058	0.31357567	1.43928069	3.5142E-05	4.36002681			1.9E-05	4.36003			0.000179923	4.55474203	0.00316707	4.00787092	0.000656	13.0756	0.17803721
hypothetical protein	NM_016498	51537	22q12.2	27518761	neg	1	1	2	0.54564	0.92796566	0.26678	1.72916667					0.43483519	1.09635875			0.42626	1.09636			0.506127729	0.8976228	0.54203178	0.92532468			
protein tyrosine ohosohatase. no	NM_002827	5770	20q13.13	48855368	neg	1	1	2	0.24522	1.41181277	0.24231	1.26363937	0.770351	0.86352892	0.46569763	0.95893516	0.49190523	1.09170857			0.48502	1.09171	0.162274422	1.26953129	0.671051264	0.73136608	0.55077427	0.93604759			0.34366042
ubiquitin specific protease 8	NM_005154	9101	15q21.2	46273952	neg	1	1	2	0.79234	0.79608006	0.69733	0.8238779	0.154481	1.2035412	0.5973883	0.87109463	0.59168683	0.94133756	0.15649751	1.79843444	0.78359	0.78593	0.809142594	0.85062045	0.93657931	0.49587216	0.81107581	0.70500928	0.880476	0.52292	0.43305092
putative emu1	NM_133455	129080	22q12.1	26298123	pos	1	1	2	0.8391	0.74495442													0.755109981	0.92242657	0.497233301	0.73357704	0.68082729	0.61688312			
B-cell translocation oene 1. anti-i	NM_001731	694	12q21.33	91929148	pos	1	1	2					0.472111	1.05538943			0.26617675	1.45113811			0.25436	1.45114			0.224103838	1.58756235	0.34347407	1.31373256			
chromosome 20 open reading fr	NM_030815	81572	20q11.21	30320823	neg	1	1	2			0.4029	1.11958495	0.505147	0.98869802	0.48063466	0.94373009	0.26462457	1.27339684			0.25279	1.2734	0.560867617	0.94208848	0.625816368	0.7632089	0.47419648	1.00743775			
hypothetical protein FLJ22843	NM_025184	80258	Xo11.3	42019410	neg	1	1	2																							
RAB11A, member RAS oncogen	NM_004663	8766	15q22.31	61897791	neg	1	1	1	0.29337	1.23308695	0.3123	1.20720601	0.916159	0.71541866	0.41719477	1.08957239	0.4517056	1.0380401			0.44361	1.03804	0.831077383	0.58725032	0.524821107	0.93320938	0.43962378	1.04803798			0.58192125
chromosome 20 open reading fr	NM_015511	25980	20q11.23	34582932	neg	0	1	2	0.43263	1.04951146	0.71331	0.80897104	0.519245	0.78693023	0.95539164	0.62097371	0.28741697	1.17467918	0.59841951	0.76014156	0.24908	1.20801	0.872460633	0.76978506	0.293146537	1.12897796	0.17958423	1.4173624	0.577943	0.81428	0.53856569
ribosomal protein S25	NM_001028	6230	11q25	134077926	neg	1	1	2																							
HEAT-like repeat-containing prot	NM_058237	57718	14q32.12	92147861	pos	1	1	2																							
G protein-coupled recetor 39	NM_001508	2863	2q21.2	130862962	pos	1	1	2	0.62096	0.91345074	0.64736	0.85309483	0.839952	0.84583991	0.29428076	1.13701219	0.87521515	0.75195664	0.8166982	0.6261926	0.80135	0.79189	0.845843525	0.85590109	0.86235536	0.55587891	0.76788435	0.73761865	0.546455	0.85737	0.29823795
dynactin 4	NM_032486	84516	19p12.2	2306126	neg	1	1	2	0.27268	1.19563462	0.32505	1.15577909	0.624712	0.9420409	0.72818969	0.81742568	0.49009633	1.01050546	0.67041476	0.64249778	0.43808	1.04058	0.803229089	0.80313	0.61064739	0.66285456	0.391881	1.09781403	0.661334	0.70958	0.42151097
glycine receptor, alpha 3	NM_006529	8001	4q34.1	176484158	pos	1	1	2	0.00186	5.07140707	0.08963	1.81264368	0.029542	1.69038454	0.32542813	2.32496037	0.0897951	1.75132682	0.17992082	2.39540392	0.13124	1.63821	0.3272632	1.31920274	0.002774732	2.67112144	0.01877733	2.50491932	0.00113	8.3759	0.42605757
NADH dehydroonease (ubiquino	NM_004551	4722	11q11.2	49512303	neo	1	1	2									0.51374488	9.97657188			0.50755	9.97657			0.358785695	1.05115339	0.40776591	1.0966811			
G antigen 7	NM_021123	2579	#N/A	#N/A	neg	0	0	0	0.59878	0.93619042	0.97743	0.47750652	0.004841	1.52722423	0.66882047	0.91246707	0.98994101	0.64106968	0.92843229	0.62607044	0.96994	0.64897	0.747948162	0.91433458	0.32133055	1.11115888	0.87590091	0.6489084	0.259683	1.18721	0.95899995
TRF2-interacting telomeric RAP1	NM_018975	54386	16q23.1	66611673	pos	1	1	2			0.22533	2.44117647	0.719577	0.70623403			0.53902852	0.94379951			0.53365	0.9438			0.500783193	0.79147138	0.69749023	0.67563389			
hypothetical protein FLJ21415	NM_024738	79794	12q24.22	115993299	neg	1	1	2									0.90545101	0.47263853			0.90959	0.47264									
HSPC067 protein	NM_014158	29071	Xq24	114577574	neg	1	1	0	0.12354	1.65134452	0.20933	1.4691416	0.745982	0.80741769	0.60167616	0.88008994	0.42037376	1.07462424			0.4114	1.07462			0.986583177	0.20381772	0.99549846	0.23531727			0.62778716
transformino orowth factor. beta	NM_003238	7042	1q41	217194765	pos	1	1	2	0.1736	1.29610275	0.44394	1.03701901	0.175579	1.17883993	1.4073E-05	2.53701482	0.18530577	1.24895177	0.00375619	2.60334021	0.86419	0.7074	0.114299869	1.43302421	0.336345074	1.10142531	0.12450249	1.48855906	0.958572	0.41343	0.35220756
transcriptional intermediarv facto	NM_003852	8805	7q34	136486279	neg	1	1	2																	0.569399611	0.58893699	0.76252624	0.48776805			
protein kinase C-like 1	NM_002741	5585	19p13.12	14899228	pos	1	1	2																							
zinc finger protein 225	NM_013362	7768	19q13.31	45263068	neo	0	1	2	0.19115	1.6005092	0.37493	1.14506689	0.491748	0.99826167	0.76854546	0.65827733	0.26040306	1.41701145	0.52971254	0.71182417	0.24451	1.42959			0.624296039	0.87181532	0.70517517	0.70735931	0.429433	0.97523	0.78138348
splicing factor, arginine/serine-ric	NM_006924	6426	17q23.2	55825798	pos	1	1	2	0.2114	1.45048101	0.26604	1.69502861	0.355646	1.17956271			0.34613426	1.16819469			0.33544	1.16819			0.305010502	1.16289541	0.38594892	1.14315063			0.45312144
CDC28 protein kinase 2	NM_001827	1164	9q22.2	82941346	pos	1	1	2	0.21644	1.26865206	0.06761	1.72153799	0.512016	0.98864241	0.42644724	1.01954387	0.49372476	1.00087791			0.48689	1.00088	0.516983268	1.01015559	0.614287055	0.68204062	0.49225396	0.98852218	0.561228	0.72851	
mitochondrial carrier familv prote	NM_018843	55972	7q21.12	86000873	neo	1	1	2																							
sphingomyelin phosphodiesteras	NM_003080	6610	6q21	109597269	neg	1	1	2																							
hypothetical protein FLJ22167	NM_024533	79583	16q23.1	66492463	pos	1	1	0																							
integrin, alpha X (antigen CD11C	NM_000887	3687	16q11.2	30448061	neg	0	1	2	0.17058	1.30177576	0.51175	0.97542735	0.990463	0.67913328	0.80938057	0.77659416	0.70590163	0.81694059	0.78875357	0.63826986	0.49604	0.99504	0.771830583	0.89235925	0.747794964	0.59122825	0.31748235	1.1726887	0.792872	0.61832	0.54272721
zinc finger protein	NM_014480	27300	19q13.43	59639287	neg	1	1	2									0.72157013	0.73629087			0.72223	0.73629									
interleukin enhancer bindino fact	NM_004514	3607	17q25.3	79551047	neg	0	1	0																							
cell division cycle 42 (GTP binder	NM_001791	998	1p36.12	21849765	pos	1	1	2	0.65527	0.89517949	0.73913	0.78697231	0.159467	1.18680575	0.87111706	0.68248962	0.52475123	0.98504438	0.19434326	2.24031826	0.6412	0.88497	0.718499078	0.77678282	0.842745665	0.58735698	0.74220517	0.77805078	0.642436	0.73321	0.38475058
hypothetical protein FLJ20344	NM_017776	55634	Xo11.3	45110401	pos	1	1	1	0.07893	1.5775978	0.23259	1.33103659	0.327829	1.08884325	0.2146574	1.19401639	0.46109367	1.03055344	0.46568039	0.81343235	0.44933	1.03338	0.690871602	0.76803072	0.72676545	0.65019986	0.74199585	0.74160812			0.99904539
fragile histidine triad gene	NM_002012	2272	3p14.2	58591660	neg	0	1	0	0.10505	1.55251766	0.10434	2.1544482	0.605768	0.92832382	0.49423859	0.67412207	0.26043771	1.25099082			0.24858	1.25099	0.485589578	1.05506089	0.53735525	0.81853068	0.51430408	0.96416546	0.598	0.68627	0.58541979
chromosome 1 open reading frav	NM_030933	81626	1q25.3	180395052	neg	1	1	2									0.91586229	0.42559793			0.91996	0.4256									
hypothetical protein FLJ12735	NM_024857	79915	#N/A	#N/A	neg	1	1	2			0.25515	1.71269841	0.522587	0.95646106			0.41995247	1.17271685			0.41097	1.17272			0.514517008	0.82558237	0.63552591	0.81059038			
colon cancer-associated protein	NM_013326	29919	18q11.2	20976019	neg	1	1	2																	0.343705163	1.14604225	0.51715681	0.92796093			
actin related protein 2/3 complex	NM_005731	10092	1q25.3	181121366	neg	1	1	1	0.1863	1.29821348	0.04937	1.91383495	0.427591	1.04451091	0.43497227	1.26130304	0.75599449	0.74864478			0.75767	0.74864	0.33746089	1.17744976	0.092093827	1.61630931	0.03629647	2.09119497	0.482571	0.82353	0.12000389
M-phase phosphoprotein 6	NM_005792	10200	16p13.3	73023890	pos	1	1	2	0.15954	1.74742708	0.09502	1.78821138	0.832377	0.70726638			0.03465744	1.79971181			0.02934	1.79971			0.609905469	0.78220677	0.50473464	0.97633918	0.560879	0.74692	0.43958455
optic atrophy 1 (autosomal domi	NM_015560	4976	3q29	190374267	neg	1	1	2					0.632192	0.83821293			0.08116358	2.37132236			0.07239	2.37132			0.259223435	1.26709167	0.3249426	1.24845393	0.488043	0.82353	
dolichyl-phosphate mannosvltran	NM_003863	8818	9q34.11	121812702	neg	1	1	2	0.63352	0.90619344	0.9186	0.59994026	0.863175	0.82117935	0.2590594	1.26134619	0.94350536	0.68457434	0.6598752	0.73846376	0.94166	0.67875	0.969473543	0.71070483	0.159487297	1.15058596	0.09227261	1.605134	0.143402	1.43429	0.00285456
KIAA0547 gene product	NM_014793	9836	15q15.2	38985906	pos	1	1	1																							
hypothetical protein similar to CG	NM_080924	91219	22q11.22	19170566	neg	1	1	2																	0.50813367	0.74628238	0.72215322	0.60375794			
quanine nucleotide binding prote	NM_006098	10399	5q35.3	180713606	neg	0	1	2	0.63926	0.84360207	0.72729	0.78105128	0.418927	1.1807476	0.2485441	1.47767184	0.40781678	1.12998761			0.39852	1.12999			0.804226287	0.51539199	0.88245459	0.53246753			
homeo box A6	NM_024014	3203	7o15.2	2682756	pos	1	1	2																							
melanoophilin	NM_024101	79083	2o37.3	236433663	neg	1	1	2	0.27708	1.42606406	0.00097	6.84488994					0.80319783	0.64201507			0.80607	0.64202			0.016384062	1.97639471	0.00291629	4.02632314	0.224604	1.64706	
MAP/microtubule affinity-regulati	NM_002376	4140	14q32.32	101243037	pos	1	1	1	0.27526	1.41556217	0.092	2.81817376	0.718925	0.74739623	0.38545901	1.33249743	0.66339299	0.7720284			0.6622	0.77203			0.571754631	0.98701723	0.51697724	0.94962613			
immunoglobulin (CD79A) binding	NM_001551	3476	19q13.1	65531712	neg	1	1	2	0.09751	1.97640751	0.11616	1.68747045	0.776071	0.45862644	0.73189002	0.86587687	0.5438729	0.94798873			0.53866	0.94799	0.7319065	0.85459947	0.895971116	0.56855466	0.89597116	0.56855466	0.373492	1.14491	0.98754127
beta-1,3-glucuronyltransferase 3	NM_012200	26229	11q12.3	64895744	pos	1	1	1	0.52074	0.98276229	0.19966	1.31515152	0.384793	1.11379924	0.33600379	1.52385184	2.4054E-06	4.49656926			1.1E-06	4.49657	0.310634172	1.26608722	0.233183896	1.20854867	0.06274241	1.77138504	0.493929	0.8548	0.16194151
exoortin 1 (CRM1 homoloo. veas	NM_003400	7514	2o15	61833430	neg	1	1	2									0.70445076	0.6133637			0.70458	0.61336									
small nuclear ribonucleoprotein s	NM_003094	6635	1o32.1	201548377	neg	0	1	2	0.82783	0.77675331	0.87624	0.66151821	0.261291	1.15566999	0.92235993	0.6247011	0.92088514	0.68313315	0.22913663	1.65159882	0.9699	0.58229	0.790824793	0.8822731	0.951388153	0.48235688	0.87102565	0.64999266	0.893381	0.52619	0.913023
sorting nexin 6	NM_021249	58533	14q13.1	32408712	neg	1	1	1																							
serine/threonine kinase 3 (STE2	NM_006281	6788	8q22.2	98475923	pos	1	1	2																							
carbonyl reductase 3	NM_001236	874	21q22.12	34084870	pos	1	1	2	0.23113	2.10500248	0.05586	3.88828829	0.55311	0.94952882			0.59272772	0.87189735			0.58915	0.8719			0.552959443	0.77387662	0.6699193	0.76693577			
hypothetical protein FLJ11101	NM_018322	55776	6q21.2	39074029	pos	1	1	2			0.00633	5.46009804	0.2876	1.80150186			0.33511245	1.28086833			0.32421	1.28087			0.306690187	1.1542288	0.39855404	1.11832612			
hypothetical protein MGC13096	NM_032346	84306	19q13.11	35512850	neg	1	1	2	0.56075	0.95314444	0.2893	1.30913155	0.548586	0.97164475	0.13266538	1.52902554	0.53399728	0.99223633	0.39145145	1.03276721	0.81929	0.75817	0.46004887	1.0753763	0.676664958	0.6414605	0.33116414	1.14855115	0.749817	0.59847	0.32568383
Rho-associated, coiled-coil contai	NM_005406	6093	18q11.1	18392556	cen	1	1	1																	0.359622439	1.08367044	0.54835913	0.88269454			
NGF-A bindino orotein 2 (EGR1	NM_005967	4665	12q13.3	57457822	neg	1	1	1																							
WW domain containing oxidored	NM_016373	51741	16q23.1	69063544	pos	1	1	2																							
sine oculis homeobox homoloo 6	NM_007374	4990	14q23.1	58302055	pos	1	1	2																							
telomeric repeat bindino factor (N	NM_017489	7013	8q13.3	73003757	neo	1	1	2									0.08199466	2.45673315			0.07318	2.45673									
reticulon 2	NM_005619	6253	19q13.32	46632378	pos	1	1	2									0.63540209	0.74037741			0.63327	0.74038									
nuclear factor of activated T-cells	NM_004554	4776	14q11.2	22209845	neg	0	1	2									0.65311386	0.81351853			0.65158	0.81352			0.281087817	1.59222608	0.43831609	1.13095238			
neurogenic differentiation 2	NM_006160	4761	17q12	37260497	pos	1	1	2	0.20935	1.52190295	0.21885	2.32145594	0.287864	1.27338527	0.46081136	0.86831219	0.59885568	0.8728105			0.59549	0.87281			0.050047884	2.1288433	0.03448864	2.41768333			0.41371215
contactin associated protein-like	NM_014141	26047	7q35	144718011	pos	1	1	0									0.51451015	0.9150154			0.50834	0.91502									
H2B histone familv. member D	NM_003520	8341	3q12.1	96397011	neg	0	1	0	0.10235	1.55880733	0.18901	1.41590489	0.67417	0.75008147	0.57118674	0.89111005	0.26357141	1.46046665	0.49576718	0.79897258	0.25157	1.4611	0.414083253	1.17470511	0.619768279	0.7784625	0.48134451	1.00017316	0.221006	2.34706	0.31628338
TSP-Yo1	NM_022573	64591	Yq11.2	6079844	neg	0	1	0	0.96588	0.61207855	0.9921	0.39986912	0.16771038	0.16771038	0.24778388	1.2208782	0.99290181	0.61117246	0.99984955	0.34736947	0.54962	0.96764	0.99741488	0.68824779	0.998668232	0.57972822	0.98451001	0.15282059	0.999453	0.02957	0.25585031
Cockavne svndrome 1 (classical	NM_000082	1161	5q12.1	60321185	neg	1	1	2	0.45291	1.03604948	0.69003	0.83424191	0.582158	0.95137897	0.51930285	0.89310064	0.32704595	1.11569579	0.42050996	0.91332065	0.25056	1.19514	0.544963615	0.98935444	0.3008191	1.15145964	0.62266317	0.8390937	0.206902	1.42246	0.61683383
collagen, type IV, alpha 2	NM_001846	1284	13q34	109319568	neg	1	1	2									0.43525764	1.09635875			0.42669	1.09636			0.534518285	0.50309684	0.76619069	0.34699675			
phosphomevalonate kinase	NM_006556	10654	1q22	152713966	pos	0	1	2	0.27779	1.21454335	0.39487	1.08544739	0.712487	0.84217559	0.63708311	0.66176274	0.39320302	0.07921061	0.6765782	0.50990581	0.35112	1.1051	0.606381179	0.91787451	0.621432925	0.91092558	0.5174453	0.95589096	0.34971	1.22525	0.56843726
3-hydroxymethyl-3-methylolutarv	NM_000191	3155	1o36.11	23686030	neg	0	1	0	0.53378	0.86439169	0.82746	0.65098039	0.663234	0.81294537	0.71145031	0.61317607	0.48024712	1.36178652			0.473	1.36179			0.53404468	0.78489535	0.66873447	0.75598421			0.71172203
chromosome 20 open reading fr	NM_018152	55184	20p11.23	18352071	neg	1	1	2	0.45258	1.29491498	0.18073	1.78716356			0.43822934	1.08023712	0.30047104	1.23788612			0.28902	1.23789	0.556636649	0.88788825	0.279974347	1.35838805	0.40993697	1.15665584			
soc-2 suooressor of clear homolo	NM_007373	8036	10p25.2	11157259	neg	1	1	2									0.9636292	0.3394248			0.96672	0.33942									
MRE11 meiotic recombination 11	NM_005590	4361	11q21	94483357	neg	0	1	2									0.56443935	0.90344397			0.55991	0.90344									
thvmopoietin	NM_003276	7112	12q23.1	98327375	pos	1	1	2	0.26939	1.38563995	0.27076	2.33989362	0.503515	0.94726181	0.45383934	0.93641727	0.22580561	1.70647509			0.21383	1.70648			0.240247329	1.4751268	0.37689816	1.21267621			
bone marrow stromal cell antigen	NM_004334	683	4o15.32	15519803	neg	1	1	0									0.74266275	0.66493669			0.74395	0.66494									
hypothetical protein MGC5356	NM_024059	79025	20q13.33	62061849	neg	0	1	2	0.33302	1.24573762	0.39599	1.60823108	0.398027	1.12229583			0.76713638	0.7217826			0.76911	0.72178			0.571131396	0.98967215	0.24626439	1.29494472	0.173119	3.44853	0.24658577
etoposide-induced mRNA	NM_004879	9538	11o24.2	127440328	neg	1	1	2																							
trans-prenyltransferase	NM_014317	23590	10p12.1	26721951	pos	1	1	2	0.03706	1.74803857	0.08221	1.91072917	0.502446	0.93535515	0.49008716	0.86671423	0.32927962	1.16814626	0.51873365	0.71749103	0.31731	1.16938	0.537291821	0.99721032	0.637555026	0.94303072	0.48681594	0.85325889	0.368283	1.11665	0.34168732
similar to veast Utd3. variant A	NM_080667	65110	13q34	113408040	neg	1	1	2	0.51232	0.99093542	0.69827	0.82864121	0.687257	0.90442146	0.66224576	0.8092832	0.3555612	1.04495571	0.42487974	0.9765402	0.1169	1.31853	0.642425298	0.96163778	0.903528946	0.55250284	0.73851833	0.77777778	0.795579	0.64799	0.79395224
chondroitin 4-O-sulfotransferase	NM_018641	55501	7o22.3	2087595	neg	1	1	2			0.24675	2.00775463			0.56480679	0.80916913	0.5896058	0.87189735			0.58592	0.8719			0.628930248	0.68839064	0.76390379	0.66476902			
integrin, beta 8	NM_002214	3696	7p21.1	20015288	pos	1	1	2	0.09797	1.52452249	0.09616	1.61149723	0.538902	0.9517326	0.39072131	1.05687122	0.68559029	0.81685806			0.68512	0.81686	0.628891091	0.86473961	0.981578542	0.30514929	0.99396499	0.33807414	0.540737	0.69922	0.43008576
cut-like 1. CCAAT displacement	NM_001913	1523	7q22.1	99942949	neg	1	1	2																							
quanine nucleotide binding prote	NM_016194	10681	15q21.2	47972842	neg	0	1	2	0.1032	1.48904349	0.04594	1.910109	0.263875	1.14359374	0.8282599	0.20840336	0.47033068	1.19132431	0.46645775	0.77437105	0.42674	1.55212	0.76924246	0.82784241	0.001779687	3.11979961	0.00508586	3.37454783	0.012977	5.84706	0.31749474
COO7 coenzyme O. 7 homoloo	NM_016138	10229	16q12.3	18569668	pos	1	1	2									0.96083519	0.35024298			0.96404	0.35024									
hypothetical protein FLJ10407	NM_018087	55706	1o32.3	54062824	neg	1	1	2	0.11904	1.66198223	0.16606

hvoothetical protein FLJ10460	NM 018097	55142 15o15.2	38208709 pos	1	1	2	0.24791	1.22867099	0.12854	1.57838812	0.237726	1.12963975	0.55045521	0.8830876	0.23671071	1.30568869	0.5936022	0.55336756	0.21253	1.32868	0.65707162	0.91963739	0.539032159	0.67634347	0.45666933	1.02813853	0.602314	0.65241	0.80407229
CGI-12 protein	NM 015942	51001 8q22.1	96260701 neg	1	1	2	0.08784	1.47996366	0.06267	1.70820707	0.658764	0.93328844	0.69296043	0.79163849	0.2274263	1.32524735	0.67363188	0.57100795	0.16925	1.42939	0.558136414	0.98661305	0.527742654	0.83750703	0.53781708	0.93766234	0.504587	0.8526	0.77197018
zinc finger protein 64 homoloq (n	NM 018197	55734 20q13.2	50496297 pos	1	1	2			0.00026	8.95873016	0.332363	1.13956867			0.40653309	1.09644915			0.3972	1.09645			0.866011837	0.43012869	0.93375233	0.43893606				
duodenal cytochrome b	NM 024843	79901 2q31.1	170430881 neg	1	1	2	0.38174	1.12966779	0.15756	1.52166667			0.32837811	1.53623453	0.41304	1.02588827	0.39066416	1.03033035	0.55018	0.94118	0.672411866	0.80379971	0.536584535	0.94418274	0.47309668	1.00991835			0.68581002
tissue inhibitor of metalloproteine	NM 000362	7078 22q12.3	29892853 pos	0	1	2	0.7392	0.78104436	0.93873	0.51546677	0.394614	1.07572666	0.57992546	0.88163063	0.74183932	0.60907058	0.77764762	0.49843256	0.48840	0.96113	0.750737529	0.61899867	0.578213148	0.79014777	0.63043701	0.83737548	0.421283	0.99103	0.58059613
major histocompatibility complex	NM 002116	3105 #N/A	6018936	0	1	0	0.40839	1.07635877	0.73708	0.7797062	0.44174	1.02893708	0.53077629	0.77445441	0.83884481	0.57193366	0.84283811	0.57130014	0.47304	5.46183	0.735632884	0.79549988	0.178875439	1.30974546	0.04249086	1.92159692			0.35108277
adenylvl cyclase-associated orot	NM 006367	10487 1o34.2	40536029 pos	1	1	2	0.06941	1.61598284	0.08919	1.61313789	0.587258	0.96011249	0.74578358	0.79893267	0.09103995	1.52270972	0.54449359	0.75008862	0.07836	1.53782	0.375842537	1.08257454	0.375814285	1.02213551	0.33680892	1.17185682	0.509176	0.8533	0.56299988
farnesyltransferase, CAAX box,	NM 002027	2339 8p11.21	42647697 neg	1	1	2	0.1784	1.32883883	0.10002	1.5798725	0.847555	0.78370343	0.34640634	1.11820176	0.6841051	0.83675006			0.68359	0.83675			0.664589339	0.83657918	0.41641076	1.06856107	0.416783	1.03316	0.43046353
hypothetical protein MGC3200	NM 032305	84265 1q21.1	143976690 neg	0	1	2	0.20531	1.51759311	0.18508	1.72478903	0.467016	1.02650095			0.20951707	1.46750004			0.19757	1.4675			0.566979431	0.70943202	0.49770076	0.68542569			
protocadherin 8	NM 002590	5100 13q14.3	51385543 neg	0	1	2									0.37736839	1.19337327			0.36733	1.19337			0.34343187	1.13272536	0.51508124	0.93727977			
transcription factor 2, hepatic; LF	NM 000458	6928 17q12	35452160 neg	1	1	2									0.99277033	0.22662749			0.9939	0.22663									
vacuolar protein sortino 16 (yeas	NM 080413	64601 20q13	2809349 neg	1	1	2	0.32131	1.18093382	0.14751	1.45212477	0.136991	1.39705548	0.26482686	1.32327716	0.44404699	1.05275405	0.28508118	1.42419895	0.5591	0.94656	0.309961299	1.16432338	0.658936072	0.68728623	0.47897759	1.00306198	0.746634	0.58483	0.65017006
fibrillin 1 (Marfan syndrome)	NM 000138	2200 15q21.1	44259625 pos	1	1	2	0.47662	1.49368385	0.17435	2.14348185	0.223344	1.93101586			0.06917729	2.51736671			0.06111	2.51737			0.003874978	3.83435995	0.0012195	4.81371088			
zinc finger protein 277	NM 021994	11179 7q31.1	110330534 pos	1	2	2	0.10059	1.46431227	0.0238	2.20815508	0.788846	0.53771993	0.33953239	1.59847847	0.38180552	1.10978553			0.37187	1.10979	0.159839793	1.2400846	0.558727175	0.97443643	0.3835431	1.11626469			0.59019301
G protein-coupled receptor 49	NM 003667	8549 12q21.1	116059498 pos	1	1	2	0.02593	1.72256185	0.16315	1.37655229	0.798964	0.87122461	0.43219443	1.02815604	0.28178554	1.14969027	0.64839344	0.67030839	0.24228	1.18251	0.260855074	1.51444468	0.375244375	0.83785089	0.41015843	1.07220161	0.505216	0.8887	0.53716644
PMS2 postmeiotic segregation ir	NM 000535	5395 7p22.1	5657245 neg	1	1	0									0.66499739	0.77484485			0.66386	0.77484			0.164528412	1.82969015	0.26196922	1.50401979			
tubulin, beta, 4	NM 006086	10381 16q24.3	81309741 neg	1	1	2																							
NADH dehydrogenase (ubiquino	NM 007103	4723 11q13.3	69897339 neg	1	1	2	0.4518	1.03964446	0.3714	1.11229205	0.699403	0.79333199			0.45976933	1.03508948	0.65165858	0.5700106	0.41996	1.06057	0.677829254	0.88645334	0.276177813	1.01960238	0.027315	2.72005772	0.3407	1.15772	0.29042399
adrenergic, beta, receptor kinase	NM 005160	157 22q12.1	22657044 pos	1	1	0									0.54131839	0.93947396			0.53602	0.93947			0.37639494	1.06320335	0.59389553	0.7374235			
transcription factor BMAL2	NM 020183	56938 12o11.23	27846416 neg	1	1	2	0.12509	1.50614757	0.19613	1.38780532	0.307597	1.13180199	0.57585283	0.76235756	0.22892047	1.38565052	0.65916221	0.51620418	0.17882	1.48721	0.603562535	0.88650194	0.607719612	0.7646027	0.59606878	0.87501151	0.43497	0.9629	0.60579578
runt-related transcription factor 2	NM 004348	860 6q21.1	45392462 neg	1	1	2									0.49307655	1.00254774			0.48622	1.00255									
hvoothetical protein	NM 016481	51531 9q22.33	91491908 neg	1	1	2	0.72411	0.84383756	0.48143	1.00202433	0.303913	1.08022846	0.17194431	1.19236871	0.44058971	1.03765625	0.4051901	0.74748107	0.41406	1.0489	0.073641541	1.25367627	0.761507525	0.88161752	0.87067157	0.64192752	0.271999	1.18197	0.94954108
NADH dehydrogenase (ubiquino	NM 005003	4706 16p12.2	23000828 neg	1	1	2	0.66689	0.87392924	0.40641	1.07348266	0.142137	1.20073159	0.70869287	0.81091403	0.37222482	1.09485307	0.39856103	0.82606065	0.31893	1.13745	0.659965438	0.88500414	0.770530509	0.6214541	0.69376539	0.79728043	0.536244	0.82353	0.54167511
nucleotide binding protein	NM 025233	80347 17q21.2	40278341 pos	0	1	2	0.76418	0.80529008	0.9472	0.54455403	0.649088	0.92228409	0.59894259	0.91195566	0.49740311	1.00530083	0.68329918	0.73960519	0.41766	1.0517	0.904128905	0.20250631	0.634638265	0.59441878	0.48436709	0.99466425	0.691666	0.66325	0.88572273
kruppel-like zinc finger protein	NM 052860	91975 5q35.3	153432203 neg	1	1	2	0.03868	1.7187788	0.63421	0.86703412	0.030048	1.41847659	0.3012161	1.09429688	0.03710312	1.91710533	0.28222	2.10323	0.01524	1.88912805	0.251888611	0.61564686	0.033983633	1.75324391	0.01206363	3.07701	0.010063	3.07701	0.55191434
hypothetical protein FLJ20533	NM 017866	54968 8q21.11	73940925 pos	1	1	2	0.09203	1.51216542	0.02826	2.11891534	0.881633	0.66422604	0.52084016	0.77607096	0.57546336	0.75241406	0.5908836	0.67873589	0.4583	1.61814	0.668086239	0.92542076	0.563995532	0.81506923	0.42481661	1.05847704	0.566689	0.76018	0.42816888
UMP-CMP kinase	NM 016308	51727 1o33	47425801 pos	1	1	2									0.89261037	0.47263853			0.89674	0.47264									
hypothetical protein FLJ10579	NM 018145	55177 15q15.1	36395658 neg	1	1	2	0.4756	1.01959604	0.32133	1.17041356	0.502109	0.99354673	0.42362336	1.02738879	0.45652058	1.03337705			0.44856	1.03338			0.582038437	0.81044409	0.53326364	0.94701934	0.447154	0.93756	0.61683077
S100 calcium binding protein A6	NM 014624	6277 1q21.3	151323056 neg	1	1	2									0.69988729	0.72297432			0.69988	0.72297									
nucleosome assemblv protein 1-	NM 004537	4673 12p21.1	73514044 pos	1	1	2	0.12912	1.41228462	0.08822	1.60273826	0.643728	0.91379701	0.6103087	0.89299778	0.21514539	1.24334742	0.45264671	0.63426139	0.20033	1.2473	0.51523118	1.00864472	0.480499528	1.00028444	0.28148685	1.24098124	0.351609	1.14379	0.53045452
hypothetical protein FLJ22191	NM 025231	80345 6q22.1	28149958 pos	0	2	2	0.20271	1.34496189	0.26388	1.25449346	0.825472	0.71584389	0.66313308	0.84316007	0.27530144	1.19047737	0.63003095	0.54444954	0.24502	1.21227	0.795905006	0.80434328	0.584188004	0.6021935	0.52395618	0.94789357	0.513351	0.80097	0.47042557
paternally expressed 10	NM 015068	23089 7q21.3	92828183 pos	0	1	0	0.50511	0.99537554	0.9468	0.55504115	0.078426	1.34877438	0.24012027	1.13593358	0.33707515	1.08422165	0.04370823	4.00960956	0.47027	1.01383	0.172452371	1.21793181	0.293765282	1.05996186	0.38630921	1.09276438	0.181507	1.33417	0.59272357
hypothetical protein FLJ20003	NM 017615	54780 10q26.13	122736109 neg	1	1	2	0.89691	0.68936658	0.80206	0.71694952	0.021411	1.39404038	0.23060717	1.20923021	0.43343713	1.01890762	0.28059344	1.24728863	0.48406	1.0041	0.776432779	0.86953015	0.940846569	0.50088064	0.74102043	0.77922078	0.929906	0.47309	0.66368519
G protein-coupled receptor 101	NM 054021	83550 1q26.3	156863393 neg	0	1	2	0.02921	1.89841104	0.03026	1.17757432	0.067097	1.70295757	0.32586352	1.6052565	0.01524	1.88912805	0.23235152	1.36388976	0.00907	2.45049	0.492184024	1.04619447	0.123931311	1.21286036	0.18400348	1.39176266	0.000971	7.05701	0.72811865
3'-oligoshoadenosine 5'-oligosh	NM 005443	9061 4q25	108945214 neg	1	1	2			0.15124	2.28044554	0.179924	1.54302168			0.34825201	1.21869478			0.33759	1.21869			0.601457014	0.73063181	0.66041735	2.78652597			
kinesin family member 13B	NM 015254	23303 8p12	29509780 pos	1	1	2			0.39619	1.2377193					0.64617765	0.81013027			0.64441	0.81013			0.359307838	1.12968042	0.4946594	0.96351268			
likely homolog of rat and mouse	NM 021626	59342 17q23.2	54792749 neg	1	1	2																							
glia maturation factor, beta	NM 004124	2764 14q22.2	52265272 pos	1	2	2	0.81117	0.75711864	0.75851	0.76186288	0.036007	1.43163787	0.54024373	0.93390502	0.3898008	1.07929256	0.47433255	0.85922992	0.37678	1.0821	0.62823177	0.91819304	0.794622874	0.61198282	0.66623737	0.83269041	0.495554	0.90787	0.76526177
RAB11B, member RAS oncogen	NM 004218	9230 19p13.2	8396925 pos	1	1	2																	0.543313635	0.6802562	0.7383234	0.57218144			
twist homolog (acrocephalosyndi	NM 000474	7291 7q21.1	18799633 pos	1	1	2			0.47995	1.00915301					0.69884887	0.79149109			0.69881	0.79149			0.490932451	0.76541903	0.68933331	0.63059163			
hypothetical protein DKFZp4348	NM 031476	83716 16q24.1	75789809 neg	1	1	1																							
cholinergic receptor, nicotinic, be	NM 000748	1141 1q22	152356279 pos	1	1	2																							
cysteine dioxygenase, type I	NM 001801	1036 5q22.3	114908191 neg	1	2	2	0.00088	3.25865414			0.008155	2.01540641	0.08375708	1.75298744	0.02380639	2.23187419	0.1898535	2.0221649	0.03082	2.30108	0.012369222	2.85012364	2.41554E-05	6.86424647	0.0006488	6.62578163	0.000305	15.931	0.1713553
ryanodine receptor 3	NM 001036	6263 15q13.3	28845462 neg	1	2	2	0.00041	2.75596191	0.00262	2.95613038	0.370265	1.04676823	4.3795E-06	2.28699363	0.34190284	1.07159882	0.00156765	1.92663367	0.9914	0.58392	4.35344E-06	1.96663859	0.188785214	1.28950259	0.115065	1.51340878	0.989863	0.28521	0.74802782
glutamate-cysteine ligase, modifi	NM 002061	2730 1o22.1	94755568 neg	1	1	1									0.81572382	0.61690976			0.81886	0.61691			0.771189424	0.57908872	0.79210791	0.66548603			
hypothetical protein	NM 016494	51255 2p11.2	85718288 neg	1	1	2																							
hypothetical protein FLJ22724	NM 024532	79592 2q34	212311956 pos	1	1	2																							
mitochondrial ribosomal protein l	NM 053050	116540 2p13.1	74836742 neg	1	1	0	0.70602	0.74261709	0.32354	1.28161765	0.243443	1.62632478	0.52681316	0.52583838	0.30336865	1.29537087			0.29196	1.29537			0.649911269	0.68354728	0.7101062	0.73165207	0.408163	1.02941	0.9789809
v-ets erythroblastosis virus E26 (	NM 005239	2114 21q22.2	36755286 pos	1	1	2			0.16734	4.88936782	0.724372	0.14405085			0.83849835	0.53559999			0.88759	0.5356			0.23485563	1.58097299	0.33797883	1.36139722			
tumor endothelial marker 7 direc	NM 020405	57128 17q12	36723090 pos	1	1	2	0.44027	1.05909077	0.56812	0.90494717	0.555017	0.93536744	0.33341285	1.11805386	0.6320009	0.87691785	0.46309583	0.6745609	0.62702	0.87894	0.455143805	1.2841916	0.756252555	0.5246634	0.37709794	1.10743287	0.814705	0.55644	0.6084201
hvoothetical protein FLJ21865	NM 022759	64772 17q25.3	76696180 neg	1	1	2	0.79013	0.66094343	0.43217	1.17022523	0.707242	0.42950748	0.49423248	0.82993086	0.68937429	0.80767168			0.68903	0.80767	0.483695569	1.87507583	0.903651066	0.44896507	0.73024519	0.74948416	0.264068	2.59729	0.4400912
leucine zipper protein 1	NM 033631	7798 1q36.11	22986346 neg	1	1	2																							
G protein-coupled receptor 50	NM 004224	9248 Xq28	144664152 neg	0	1	2																							
ooitai ohosohoorotein 2	NM 016548	51280 9q21.33	79684800 pos	1	1	2									0.95871486	0.31085568			0.962	0.31086									
neuropeptide Y receptor Y1	NM 000909	4886 4q32.2	165094842 neg	0	1	2	0.24447	1.5119568					1	0.10340298	0.3671317	1.24127721			0.35687	1.24128			0.2407244	1.33052587	0.31148255	1.28808299			
secreted modular calcium-bindin	NM 022137	64093 14q24.2	67851329 pos	1	1	2																							
kinesin family member 3C	NM 002254	3797 2q23.3	26070795 neg	1	1	2																							
zinc finger protein 91 homoloq (n	NM 053023	80829 11q12.1	60740601 pos	1	1	2																							
choline acetvltransferase	NM 020984	1103 10q11.23	49721819 neg	0	1	2	0.15958	1.32993968	0.55483	0.94096474	0.248346	1.14614189	0.20934945	1.45623774	0.55751884	0.96171106	0.46860788	0.94002753	0.54428	0.9653	0.082321243	1.40440203	0.000731419	2.74025899	0.00081225	4.69398418	0.012692	2.74324	7.2775E-05
NEFA-interacting nuclear protein	NM 024946	80013 16q24.3	4758196 neg	1	1	1	0.0546	1.62653682	0.04409	1.86303763	0.474349	1.00934099	0.27401943	1.15163494	0.31139753	1.13288339	0.64029713	0.53597089	0.27852	1.17443	0.542702549	0.99441089	0.555047127	0.81097079	0.56245299	0.91770883			0.27128208
hvoothetical protein FLJ10534	NM 018128	55720 17q13.3	2533975 neg	0	1	2									0.80815949	0.64201507			0.81114	0.64202			0.485708125	0.76657723	0.67131062	0.64324564			
hypothetical protein	NM 016101	51388 16q22.1	60058955 neg	1	1	1	0.23254	1.30101761	0.30942	1.39997772	0.61344	0.90197726	0.55316112	0.8828635	0.68903797	0.83306871			0.68868	0.83307	0.454660687	1.1140882	0.510469831	0.86682973	0.4876553	0.99352792			
calponin 3, acidic	NM 001839	1266 12q11.3	95764228 pos	1	1	1																							
frequenin homoloq (Drosophila)	NM 014286	23413 9q34.11	124049555 neg	1	1	2									0.92183246	0.46200046			0.92588	0.462			0.316441959	1.2660988	0.45748357	1.05751391			
hypothetical protein MGC13125	NM 032725	84811 11q23.3	118971750 neg	1	1	2																	0.540400594	0.86534427	0.62694772	0.66050112			
SRY (sex determining reaion Y)-	NM 007017	11063 5q33.3	157102041 neg	0	1	0	0.91731	0.63650293	0.96337	0.46202966	0.010954	1.72304865	0.11148846	1.40744381	0.18263019	1.34771818	0.10446946	1.66267321	0.51515	0.98129	0.65616438	0.83009179	0.180369089	1.33623662	0.66475104	0.84535835	0.019441	2.45982	0.55752331
TAF11 RNA polymerase II, TATA	NM 005643	6882 6p21.31	34847664 neg	1	1	0	0.05004	3.15618526	0.25691	1.70432781	0.583214	0.89656832	0.79342879	0.43609523	0.0361653	2.92711329	0.65542759	0.03483329	0.02856	2.98874			0.555590918	0.69087855	0.7437993	0.60002839	0.37254	1.16263	
hypothetical protein MGC16291	NM 032770	84856 10q11.21	42260007 neg	0	1	2	0.22009	1.24805906	0.50301	0.98432813	0.494119	0.99835633	0.36917135	1.04048559	0.14297954	1.23342996	0.18312125	1.32991017	0.2353	1.18356	0.743956043	0.89468644	0.167633649	1.23272837	0.33621534	1.76341335	0.101088	1.56952	0.33130335
KIAA0603 gene product	NM 014832	9882 13q22.2	73826674 pos	1	1	2			0.25004	1.88784314	0.480406	1.01894473			0.72604595	0.73074096			0.72685	0.73074			0.494833486	0.74271587	0.69470236	0.60429367			
H2A histone famiiv, member Z	NM 002106	3015 4q23	101116378 neg	1	1	2																							
SPTF-associated factor 65 oamr	NM 014860	9913 2q23.3	27795006 neg	1	1	2	0.30193	1.18456771	0.17144	1.41692421	0.632342	0.91112611	0.14338635	1.44238557	0.35694398	1.10711885	0.7409487	0.53778546	0.27757	1.17099	0.855985655	0.80044049	0.487599714	0.87320774	0.55710897	0.91100882			0.6291191
KIAA0076 gene product	NM 014780	9820 6p21.1	43007434 neg	1	1	2	0.26595	1.19123948	0.34482	1.12770292	0.676153	0.91780192	0.1932919	1.24564855	0.51905994	0.9933004	0.9033653	0.57445399	0.24826	1.17322	0.531238003	0.99992595	0.365959388	1.03465396	0.21014963	1.34281123	0.577322	0.80717	0.44278264
oriain recoontion comalex, subu	NM 002563	5001 7q22.1	102250693 neg	1	1	1	0.30943	1.20625968	0.46609	1.02103175	0.551615	0.95007071	0.43012843	1.06463052	0.42176176	1.01056602			0.42183	1.07057	0.564435223	0.9163906	0.709357498	0.64092433	0.77457088	0.68542569	0.456618	0.88098	0.56347094
discs, large (Drosophila) homolo	NM 001365	1742 17p13.1	7484891 neg	1	1	2									0.90147041	0.39638659			0.90561	0.39639									
testes development-related NYD	NM 032598	84690 17q13.3	3657566 neg	1	2	2	0.4514	1.03264332	0.58871	0.91558753	0.199386	1.20956288	0.91906286	0.7641584	0.31113204	1.02484112	0.38007254	1.01469711	0.13806	1.2777	0.672978001	0.94130879	0.191586904	1.30894262	0.68038572	0.83413642	0.040304	2.12447	0.25307221
chromosome 11 oaen readina fr	NM 022338	53838 11o13.3	7955145 neg	1	1	2	0.05982	1.51876122	0.33299	1.1363848	0.916918	0.80993722	0.45427158	0.96148936	0.65828702	0.91212444	0.96706054	0.50765544	0.27384	1.15	0.245309119	1.11614439	0.412225506	1.48297067	0.42000567	0.43007	0.93072	0.08858973
H4 histone family, member M	NM 003495	8294 6p22.1	27164659 pos	0	1	2									0.8591571	0.54563142			0.86303	0.54563			0.035866247	2.76827514	0.03614369	2.74170274			
chromosome 20 oaen readina fr	NM 024918	79980 20o11.23	35108942 neg	1	2	2	0.36789	1.09806662	0.23509	1.26994536	0.674387	0.91373417	0.32784519	1.09154847	0.32204811	1.16545586	0.62781751	0.56494429	0.28777	1.19316	0.282049982	1.15140598	0.102060967	1.33581729	0.05914983	1.9731018	0.249955	1.37457	0.1647023
hypothetical protein FLJ13490	NM 024942	80007 10q26.13	123706827 neg	1	1	2																							
ohoshohtriesterase related	NM 030664	9317 10o13	16461234 neg	1	1	1	0.654	0.88486574	0.47514	1.00803438	0.533683	0.97805851	0.50893444	0.94955843	0.48538545	1.01045819	0.3603087	1.09083165	0.64315	0.89274	0.87289994	0.771454	0.76076415	0.662863	0.5708502	0.9170523	0.791265	0.60418	0.37324783
MAX interacting protein 1	NM 005962	4601 10p25.2	110878848 neg	1	1	0									0.9479184	0.3320697			0.95153	0.33207									
novel RGD-containing protein	NM 006571	10671 8p12	29929809 neg	1	1	2									0.84299643	0.55411108			0.84664	0.55411			0.509490359	0.60435964	0.73433425	0.43234543			
suppressor of white apricot homc	NM 007056	11129 19q13.32	46187038 pos	1	2	2	0.66155	0.80347099	0.52333	0.92222222	0.597673	0.37684181			0.4487943	1.05513306			0.44061	1.05513			0.518564602	0.7942225	0.51298925	0.89692847			
CD1D antigen, d polvoeotide	NM 001766	912 1o23.1	155942953 neg	1	2	2	0.25107	1.25140455	0.34816	1.14031532	0.568697	0.88671126	0.38546696	1.16695937	0.01174517	1.76551125	0.24971327	1.26290275	0.00426	2.43068	0.914390547	0.5818288	0.005667179	2.59040294	0.07824919	2.42307242	0.002923	4.36471	0.66487292
SRY (sex determining reion Y)-	NM 003107	6659 6q22.3	21651960 pos	0	1	2	0.63286	0.82920571	0.64686	0.86051035	0.096086	1.44454888	0.34711165	1.15328172	0.4857091	1.0067908			0.47863	1.00679	0.749878387	0.89448972	0.865027666	0.54901444	0.79293663	0.73148629			0.17910463
RAB3B, member RAS oncogene	NM 002867	5865 1q32.3	51978286 neg	1	1	1									0.89271838	0.54204943			0.89685	0.54041			0.335949505	1.10328088	0.45636192	1.03575437			
MoV17 transoene. murine homol	NM 002437	4358 2q23.3	27453689 neg	1	2	2			0.19036	1.432892	0.436482	1.06095193	0.36270895	1.13104416	0.61917242	0.85637791			0.61649	0.85638			0.52570484	0.92045892	0.49994513	0.97541348			0.57943959
EphA7	NM 004440	2045 6q16.1	9389811 pos	1	1	1									0.00163722	2.81427782			0.00114	2.81473			0.189811729	1.64692205	0.30544508	1.35942761			
DC11 protein	NM 020186	57001 7q21.3	95282137 neg	1	1	2	0.23689	1.30232216	0.51112	0.97618203	0.67467	0.89509439	0.83759549	0.80969104	0.1575753	1.13144	0.60627028	0.78184273	0.13114	1.47217	0.592612153	0.92460066	0.115615867	1.29519424	0.11161587	1.69071669	0.225101	1.34025	0.76692935
cosine I	NM 003915	8904 20o11.22	3397245 pos	1	1	0	0.48224	1.01055479	0.86359	0.67749185	0.564433	0.97327687	0.96307244	0.61610763	0.06343776	1.27023256	0.06379539	1.39945803	0.22482	1.16794	0.566377849	0.98809557	0.934936908	0.49248139	0.92784898	0.57307376	0.775398	0.65733	0.78901416
cytochrome P450, subfamily IIA	NM 000766	1553 19q13.2	42233864 pos	0	1	0	0.22209	1.21611928	0.5995	0.90974889	0.193338	1.14379452	0.1097067	1.30985361	0.95562143	0.74768178	0.99992651	0.32084344	0.32343	1.09671	0.600474783	0.97691376	0.296773576	1.00572201	0.0088581	2.58769778	0.700909	0.74826	0.14253047
nucleoporin 50kD	NM 007172	10762 22q13.31	42195346 neg	1	1	1	0.26286	1.20264101	0.35862	1.115505	0.327032	1.06943416	0.50564196	0.95427173	0.6682662	0.88212215	0.54545089	0.86308962	0.66177	0.88315	0.472052209	1.03409681	0.741151681	0.71072301	0.65844283	0.84010464	0.416392	1.00106	0.72021791
exostoses (multiple) 1	NM 000127	2131 8q24.11	117798583 neg	1	1	1																							
CGI-130 protein	NM_016063	51

KIAA0222 gene product	NM 014643	9658	18q23	73666337	neg	1	1	2																		0.356941667	1.11546787	0.50066481	0.95556404						
emopamil binding related protein	NM 032565	84650	13q14.2	48234820	pos	1	1	2	0.60297	0.87155433	0.22876	2.16778455	0.320781	1.76992844				0.3366611	1.29526081				0.32578	1.29526				0.74500126	0.11532526	0.88823897	0.09834369				
hypothetical protein DKFZp434E	NM 032138	84078	13q14.11	39751857	neg	1	1	2			0.57544	0.72683616	0.212292	1.72292536												0.734007985	0.54055972	0.86815497	0.50616051				
BCL2/adenovirus E1B 19kD inte	NM 004330	663	15q22.2	55513319	pos	1	1	1	0.83349	0.62165824	0.39526	1.15046064	0.258208	1.93377083	0.45137781	0.98004519		0.74589927	0.8214633				0.74728	0.82146		0.238206567	0.20282785	0.862811439	0.51275945	0.78679005	0.70058997				
hypothetical protein FLJ20783	NM 017958	55041	2q21.2	129637369	pos	1	1	2	0.23653	1.51316092	0.11192	1.75258964	0.452275	1.04027797				0.22321388	1.41541789				0.21124	1.41542				0.51555482	0.85287819	0.58945506	0.80261137				
similar to yeast BET3 (S. cerevis	NM 014403	27095	1p34.3	36648191	neg	1	1	1	0.14596	1.89950693	0.18898	1.53903319	0.452091	1.11455456				0.51801901	0.98121636				0.51196	0.98122	0.832253905	0.67699714		0.502248681	0.88381619	0.3771868	1.11038961				0.47292024
KH-type splicing regulatory prote	NM 003685	8570	19p13.3	6507869	pos	0	1	0																											
cyclin A1	NM 003914	8900	13q13.3	34992984	pos	1	1	0	0.08588	1.60912801	0.0826	1.81160991	0.285265	1.15008752	0.18009766	1.39091421	0.25919888	1.1883848	0.36485741	1.14053316	0.27209	1.22754	0.025338876	1.69034873	0.014651872	2.08903481	0.03733402	2.13395853	0.01083	6.36652	0.12155269			
phytoceramidase, alkaline	NM 018367	55331	11q13.5	78898928	neg	1	1	1																		0.511250645	0.61759885	0.68378626	0.51406926						
hypothetical protein DKFZp434G	NM 017566	54758	16p24.2	79078608	pos	1	1	2	0.69181	0.86578584	0.45674	1.02378855	0.165456	1.21589054	0.02711612	2.23964351	0.65308179	0.85665943	0.36260855	1.91224532	0.6831	0.82384	0.734708999	0.71893121	0.763622579	0.64556429	0.70904387	0.77740539	0.510338	0.8665	0.58152398			
programmed cell death 2	NM 002598	5134	6q27	170081850	neg	1	1	2	0.52701	0.96035538	0.12228	2.65						0.75479782	0.64656566				0.75644	0.64657		0.385485698	1.01356303	0.51064179	0.95470006						
HIV-1 inducer of short transcripts	NM 015898	51341	19q13.3	41399425	neg	1	1	0																											
X-ray repair complementing defe	NM 022550	7518	5q14.2	81191143	neg	1	1	2				0.368204	1.34888017					0.56296639	0.90344397				0.55841	0.90344				0.576893844	0.83121483	0.48774876	0.69059871				
lymphoblastic leukemia derived	NM 005583	4066	19p13.2	13542417	pos	1	1	0										0.88388264	0.4751405				0.88798	0.47514				0.088381546	1.80959478	0.05982946	2.07617651				
cocaine- and amphetamine-reg	NM 004291	9607	5q13.2	69821158	neg	1	1	2	0.00027	3.99115644	0.02386	2.38532953	0.042904	1.57177031	0.36891931	1.57907212	0.00059851	2.15680798	0.03875583	2.855067	0.02551	1.9619	0.014222594	1.55014483	4.562155E-05	4.44296585	0.00042775	5.85549371	0.000992	6.2769	0.00319737			
RAN binding protein 2-like 1	NM 032260	84220	2q13	108213743	neg	1	1	0	0.76315	0.67940419	0.30118	1.46314103	0.366212	1.53314542	0.47283175	0.95343532	0.50888335	0.98191914			0.50253	0.98192			0.664685023	0.66878537	0.73580717	0.71035026						
lecithin retinol acyltransferase (s	NM 004744	9227	4q32.1	156514299	pos	1	1	2	0.20871	1.43092572	0.13461	1.63310185	0.487432	1.00153649	0.37277709	1.14110455	0.36407953	1.11098676	0.34926945	1.21115801	0.42508	1.06645	0.212857576	1.32298935	0.058471032	1.4928026	0.09389788	1.65873016	0.049612	2.24599	0.18969813			
H3 histone family, member H	NM 003534	8355	6p22.2	26328717	neg	1	1	1			0.06167	1.3348875	0.736041	0.52506405	0.82327568	0.26971013										0.797094474	0.33403587	0.93388253	0.28315946						
solute carrier family 25 (mitochor	NM 014252	10166	13q14.11	39350061	neg	1	1	2			0.28199	1.81882716			0.42176238	1.52160236	0.50862717	0.98000196			0.50227	0.98				0.807183871	0.52256157	0.71645448	0.74728117	0.450924	0.87666				
interferon regulatory factor 4	NM 002460	3662	6q25.3	376759	neg	1	1	2			0.45551	1.67705479					0.41524125	1.15400416			0.40613	1.154				0.53669257	0.93143672	0.57996626	0.87049062						
protein phosphatase 2, regulator	NM 006245	5528	6q21.1	42954405	neg	1	1	2	0.45677	1.03348812	0.49161	0.99265838	0.509941	0.98190119			0.25501005	1.15538136	0.36321235	1.09000921	0.22822	1.3316	0.62185754	0.89080944	0.364622526	1.04050669	0.68301337	0.81014224	0.288796	1.30719	0.80155704			
origin recognition complex, subu	NM 004153	4998	1q32.3	52432147	neg	0	1	2	0.48011	1.02560999	0.34909	1.26671512	0.711536	0.76498255	0.45700565	0.77608965										0.129261613	2.25080268	0.81946678	0.49034299	0.058578	4.94118	0.84273194			
pleckstrin homology, Sec7 and c	NM 004227	9265	7p22.1	5848334	neg	0	1	0	0.76936	0.80198474	0.87244	0.63941847	0.11562	1.55099379	0.39315597	1.27796962	0.36380315	1.01842069	0.38502395	1.01458357	0.32583	1.11695	0.314873964	1.3616248	0.428675105	1.01653888	0.22936545	1.28668513	0.12173	1.6859	0.57123289			
hypothetical protein FLJ12401	NM 024765	79821	Xq26.3	129882928	neg	1	1	0																											
pVHL-interacting deubiquitinating	NM 015017	23032	10q11.1	7831182	pos	1	1	2	0.15625	1.45588638	0.2877	1.26055227	0.65346	0.32463307	0.86617574	0.63677561	0.19843612	1.4706925	0.77395856	0.18159798	0.14603	1.59175	0.603216505	0.91077162	0.605897295	0.875402	0.59226599	0.86249399	0.377176	1.1152	0.78987073			
hypothetical protein FLJ14511	NM 033087	85365	9q22.33	92779922	pos	1	1	2	0.20145	1.2742771	0.10285	1.54073472	0.834423	0.80114569	0.41047689	1.03192075	0.29296608	1.16722923	0.75134933	0.42833796	0.22935	1.22472	0.593662131	0.9556266	0.52530892	0.77585402	0.48539149	0.995671	0.495556	0.87447	0.88038444			
hypothetical protein FLJ20666	NM 017922	55015	14q21.2	42874377	neg	1	1	2	0.79468	0.63285838	0.41563	1.13692708	0.426296	1.04948445	0.51194848	0.78463228	0.58126922	0.90023171	0.60619363	0.38136146	0.56207	0.91836			0.528742735	0.80481757	0.64185599	0.79997628			0.55845064			
putative zinc finger protein NY-R	NM 016119	51131	13q14.2	48071207	pos	1	1	0	0.89422	0.70186899	0.84604	0.69107296	0.109945	1.24317821	0.74381029	0.55004666	0.24632189	1.14247297	0.23491141	1.1879161	0.40235	1.07586	0.994531416	0.6023704	0.812185105	0.73471438	0.81735815	0.69809742	0.442303	0.96337	0.97121464			
cullin 4B	NM 003588	8450	Xq24	114476262	neg	0	1	0	0.15196	1.69801927	0.19301	1.47041367	0.377118	1.07839513	0.47694393	0.86857344	0.60827891	0.47718271	0.60523071	0.47718271			0.585774874	0.3943762	0.84424913	0.5550877	0.99649501	0.07103503	0.412915	1.00949	0.74653644			
hypothetical protein MGC4172	NM 024308	79154	17q12	34333760	pos	1	1	0									0.55829998	0.9200947			0.55356	0.92009			0.258612691	1.37127934	0.40876517	1.13346004						
DKFZP564O243 protein	NM 015407	25964	3q21.31	51102129	neg	1	1	2					0.517874	0.92174136			0.54131839	0.93947396			0.53602	0.93947			0.523373933	0.92845636	0.48645446	0.99430106						
MEGF11 protein	NM 032445	84465	15q22.31	61979747	neg	1	1	2																	0.90905414	0.49282135	0.93994596	0.55142534						
tumor necrosis factor receptor su	NM 002546	4982	8q24.12	118923602	pos	1	1	2	0.04261	1.61505213	0.11584	1.48664727	0.604954	0.91443826	0.73211853	0.78300308	0.26350234	1.1065313	0.41590426	0.96263525	0.05706	1.56053	0.398430364	1.07445916	0.011224559	1.90242306	0.02894547	2.19194894	0.007047	3.37858	0.36702409			
inhibitor of DNA binding 1, dominat	NM 002165	3397	20q11.21	29981215	neg	1	1	2	0.28523	1.21540203	0.12053	1.58170074	0.412055	1.07192362	0.58385539	0.82756629	0.24309941	1.33804443	0.6037325	0.36882223	0.2216	1.35777	0.543161615	0.98553394	0.484366987	0.98026433	0.48061774	1.02335649			0.50309211			
NADH dehydrogenase (ubiquino	NM 004542	4696	19q13.42	55251837	neg	1	1	2	0.53612	0.97390951	0.66969	0.85166074	0.591127	0.93650928	0.46596636	0.90790661	0.59259407	0.95523945	0.87587326	0.41131646	0.46679	1.01775	0.729533743	0.86926418	0.619483795	0.7514424	0.48265679	0.99876314	0.63071	0.73654	0.64972836			
neuronatin	NM 005386	4826	20q11.23	35878092	neg	1	1	0	0.36718	1.09286374	0.5645	0.93642615	0.418115	1.0480648	0.37511184	1.02995984	0.30741937	1.01590716	0.38398587	1.00880234	0.02954	1.53974	0.003931192	1.4878465	0.001804491	2.4275352	0.02049749	2.17632298	0.002341	3.8371	0.03774863			
nucleosome assembly protein 1-	NM 021963	4674	Xq13.2	68245026	pos	1	1	2	0.08053	2.05117633	0.07052	2.15070481	0.371622	1.13306412	0.96040026	0.61190686	0.27847797	1.10800108	0.39380541	1.01648743	0.01348	2.27447	0.269443884	1.30065302	0.42297356	1.0621118	0.17721616	1.77216	2.00603	0.80396066			
collagen, type I, alpha 1	NM 000088	1277	17q21.33	47864915	neg	0	1	2	0.20274	1.29586834	0.13752	1.45166889	0.872804	0.81682136	0.38462983	1.06469746	0.29161191	1.15570524	0.79373596	0.353144	0.22436	1.12147	0.524750349	1.00281207	0.000640005	3.55812134	0.00041213	6.01461039	0.038413	3.41084	0.00040738			
HSPC003 protein	NM 014017	28956	1q22	153893591	pos	1	1	2	0.45252	1.18434459	0.14947	2.04356061	0.350565	1.13832262	0.48493604	0.93531917	0.20273575	1.65470681			0.19082	1.65471			0.608117064	0.47827092	0.67847056	0.68250898	0.474609	0.7813	0.85309667			
ring finger protein 40	NM 014771	9810	16p11.2	30056601	neg	1	1	2	0.26506	1.34060759	0.2998	1.17968415	0.880658	0.80565623	0.53148379	0.92636338	0.45071105	1.0570402	0.58289012	0.61862048	0.42778	1.07349	0.552554119	0.97987438	0.573845311	0.98304132	0.4658509	1.04590882	0.463649	0.90472	0.6233476			
olvcine receptor, alpha 1 (starfle	NM 005171	2741	5q33.1	151270892	neg	0	1	2	0.05501	1.68960346	0.39198	1.08705224	0.185714	1.19593697	0.03617204	1.5593822	0.36858849	1.16817835	0.50824973	0.6698242	0.35815	1.1685	0.459275917	1.05856744	0.004183695	2.44470866	0.01494887	2.67920805	0.015244	3.35846	0.72817271			
HSPC159 protein	NM 014181	29094	2p14	64815300	pos	1	1	2																											
fatty acid desaturase 2	NM 004265	9415	11q12.2	64109565	neg	1	1	0	0.17058	1.29700203	0.21988	1.27776619	0.676565	0.92683564			0.18954659	1.27913539	0.90962534	0.29701817	0.0841	1.46828	0.634167432	0.94563657	0.491557383	0.89821098	0.34824017	1.14309575	0.504911	0.8643	0.65497831			
translocase of inner mitochondri	NM 006327	10431	10q11.23	50436017	neg	1	1	0	0.24372	1.36053858	0.2492	1.2977144	0.472085	1.03498748	0.39412907	1.08618316	0.30220996	1.25748777	0.49126013	0.65467939	0.29058	1.25787	0.514144515	1.04081709	0.896640591	0.25994852	0.56020205	0.9047619	0.484656	0.72059	0.52971664			
solute carrier family 12, (potassi	NM 020708	57468	20q13.12	44386363	pos	1	1	2																											
coagulation factor VII (serum pro	NM 019616	2155	13q34	112370041	neg	0	1	2	0.74357	0.82818805	0.78871	0.747	0.58795	0.9292159	0.64865328	0.85660402	0.69680291	0.84859995	0.84303878	0.45761467	0.54424	0.96189	0.962110422	0.71393925	0.772240527	0.62940584	0.6708106	0.82503386	0.515452	0.78824	0.67078964			
angiopoietin-like 2	NM 012098	23452	9q33.3	120965519	pos	1	1	2	0.74966	0.80792055	0.69303	0.81549769	0.544612	0.97485715	0.48169676	0.97359263	0.54901482	0.97614903	0.93261134	0.46360487	0.28071	1.15058	0.761531264	0.81702553	0.514144515	1.04081709	0.27848757	1.22234247	0.992514	0.21229	0.7042429			
hypothetical protein similar to acl	NM 030978	81873	9q33.3	118746205	pos	1	1	2	0.21834	1.28356572	0.16557	1.39147059	0.879635	0.65996554	0.46347369	0.97423228	0.45748234	1.03454595	0.71746804	0.18375352	0.42863	1.04957	0.298011381	1.19665558	0.546499446	0.95726991	0.40226165	1.09108578	0.346685	1.3125	0.5002182			
L-3-hydroxyacyl-Coenzyme A de	NM 005327	3033	4q25	109337199	neg	1	1	2	0.00891	3.52662535	0.19126	1.37126938	0.407446	1.08805204	0.67301714	0.78976534	0.46941146	1.02454211	0.41987135	0.90554309	0.40766	1.07142	0.602833832	0.79590537	0.706936158	0.82159662	0.9796937	0.39495013	0.25755	1.66993	0.59936878			
KIAA0042 gene product	NM 014875	9928	1q32.1	198251402	neg	1	1	0	0.16908	1.33301192	0.06137	1.75648286	0.849794	0.82096277	0.66386254	0.82000195	0.68892154	1.48119162	0.6745662	0.47074267	0.06653	1.53147	0.735983337	0.87565077	0.518661479	0.78116547	0.46244202	1.02022977	0.49944	0.87843	0.9884309			
anaphase-promoting complex 1;	NM 022662	64682	2q13	109762682	neg	1	1	2	0.3915	1.09799131	0.38771	1.08827553	0.625118	0.94274653	0.47721174	0.97435651	0.0662213	1.65932277	0.53853886	0.60133468	0.05731	1.66571	0.646744659	0.93975746	0.60324693	0.77906663	0.6102205	0.86906804	0.482465	0.90074	0.72949919			
polyamine N-acetyltransferase	NM 133491	112483	17q13.1	7943564	neg	1	1	1																											
potassium voltage-gated channe	NM 031886	3743	19q13.33	50228994	neg	1	1	1										0.43746835	1.09635875		0.42896	1.09636			0.597837551	0.74528695	0.6956961	0.76004165						
WD repeat domain 12	NM 018256	55759	2q33.2	201962268	pos	0	1	2	0.38219	1.23650489	0.24839	1.62486772	0.695385	0.63610673	0.56277803	0.68588537	0.79998818	0.12470262	0.80278457	0.12470262					0.526647797	0.88673478	0.65703501	0.72198172						
RNA-binding region (RNP1, RR	NM 004902	9584	20q11.22	34050017	pos	1	1	2	0.34552	1.15947287	0.2703	1.28539823	1	0.28668159	0.99934948	0.41792913	0.2350044	1.24754492	0.29157918	1.68617003	0.26618	1.20961	0.38319571	1.35408918	0.344033021	1.05648783	0.14454991	1.45624867	0.519409	0.85294	0.68943748			
gamma-aminobutyric acid (GAB/	NM 021984	2564	Xq28	145456499	neg	1	1	1					0.302954	2.18787629																					
EGF-containing fibulin-like extrac	NM 018894	2202	2p16.1	56130965	pos	0	1	2	0.13082	1.57723751	0.50925	0.9735782	0.47828	1.05163108	0.12373788	1.42043881	0.11642791	1.4534111	0.60950694	0.64386675	0.09275	1.49806			0.013800398	1.94057344	0.02353262	2.4008424	0.027934	2.61592	0.34655213			
transcriptional adaptor 3-like	NM 133480	10474	3p25.3	9754116	neg	1	1	2	0.42328	1.17296997	0.16436	1.37901042	0.945394	0.7668473	0.43506218	1.00822446	0.30285604	1.14037283	0.80304906	0.36176887	0.23113	1.19658	0.510749104	1.01500699	0.552842499	0.83049405	0.48019342	1.00152788	0.663912	0.63112	0.52039502			
hypothetical protein FLJ23132	NM 025054	80124	8q13.1	66669157	neg	0	1	2																											
secreted protein of unknown fun	NM 013349	29937	1q32.3	211285535	neg	1	1	2										0.97786953	0.29552742		0.98024	0.29553													
hypothetical protein FLJ22688	NM 025129	80199	19q13.33	50968481	neg	0	1	2										0.71369911	0.73841269		0.71412	0.73841			0.013195265	5.45399878	0.01429286	4.5825603						
Machado-Joseph disease (spino	NM 030660	4287	14q32.12	90035727	pos	1	1	2										0.58390929	0.89133204		0.58004	0.89133													
elaC homolog 2 (E. coli)	NM 018127	60528	17p12	1326107	pos	1	1	1	0.74395	0.8356802	0.76897	0.77009865	0.092852	1.2432116	0.54913513	0.79857237	0.11771794	1.30039363	0.25041636	1.29723451	0.14866	1.30175	0.753536296	0.87075183	0.937452288	0.48557331	0.88086335	0.61478487	0.812751	0.6142	0.788903			
non-POU domain containing, oct	NM 007363	4841	Xq13.1	6667152	neg	0	1	0	0.31357	1.28344991	0.34757	1.17562563	0.398409	1.15645888	0.31457455	1.24891183	0.40927875	1.07284544			0.40002	1.07285			0.962824564	0.36570755	0.97019681	0.4229388	0.4225	0.98824	0.57595503			
regulator of G-protein signaling	NM 002926	6002	4p16.3	3321748	neg	0	1	2									0.87638769	0.47790653			0.88043	0.47791													
hemopoietic cell kinase	NM 002110	3055	20q11.21	30428266	neg	1	1	1	0.03618	1.74751717	0.37328	1.18480592	0.396361	1.06781816	0.01808599	1.84582229	7.0835E-05	2.16340898	0.00437628	2.05862443	0.00156	2.27583	0.084956968	1.48893324	1.801395E-06	9.42843501	8.13495E-05	12.3298289	0.000194	11.8453	0.00935847			
calcium channel, voltage-depend	NM 000726	785	2q23.3	150446857	neg	1	1	2	0.27455	1.19551832	0.4629	0.10804894	0.999721	0.44446606	0.43131481	1.00754717	0.56922677	0.93698695	0.55885106	0.55170783	0.55936	0.94193	0.477954347	1.04783627	0.547919136	0.72538405	0.26562843	1.23993506	0.484022	0.5576	0.51480602			
hypothetical protein FLJ10842	NM 018238	55750	7q34	139525985	neg	1	1	0	0.26846	1.18368507	0.37681	1.09591779	0.617466	0.94701838	0.12353946	1.20893489	0.89753207	0.54651475	0.93302256	0.46929057	0.39677	1.38621	0.291908678	1.11596147	0.046830547	1.85471327	0.33051852	2.0287187	0.025565	2.39398	0.56471419			
solute carrier family 38, member	NM 018976	54407	12q13.11	46829348	neg	0	1	2	0.44024	1.0717762	0.55338	0.83309991	0.88528	0.5671209	0.47109249	0.49271435	0.15885366	1.40927583	0.83044828	0.40718038	0.07039	1.6731			0.36748946	1.09741666	0.48665628	0.8721451	0.168793	2.12745	0.7489615			
hypothetical protein FLJ20555	NM 017877	54978	2q23.3	26908944	neg	1	1	2	0.90512	0.69144344	0.77245	0.72004274	0.427488	1.03455878	0.47668461	0.5688613	0.71794634	0.87080364	0.39889427	0.905755	0.70572	0.85046	0.524423878	1.00328637	0.524423878	1.00328637	0.52432578	0.83168	0.60008823			
hematological and neurological e	NM 016185	51155	17p25.1	73129074	neg	1	1	2	0.45385	1.03987297	0.24574	1.29933247	0.51948	0.98419189	0.52702996	0.91679419	0.64953378	0.92016729	0.23516196	1.55677634	0.75264	0.85193	0.454002563	1.17104211	0.354348898	1.089676	0.3022421	1.24535089	0.374534	1.09354	0.58775714			
myosin IE	NM 004998	4643	15q22.2	54985773	pos	1	1	2	0.78886	0.56537877	0.16324	2.6221393	0.43419	1.1067252	0.38831454	1.21357806	0.42146814	1.12210828			0.41253	1.12211			0.533914114	0.90582083	0.64972284	0.74204781						
phosphoribosyl pyrophosphate a	NM 002703	5471	4q12	87063143	neg	1	1	2	0.16135	1.45881634	0.09656	1.63384586	0.254857	1.15876625	0.44558971	0.99044978	0.32664719	1.12732811			0.31559	1.20733	0.494360071	1.02454005	0.396615554	1.05939939	0.39661554	1.05939939	0.365853	1.11575	0.52354102			
serine/threonine kinase 2	NM 003157	6787	3p21.31	51836780	neg	1	1	2	0.2165	1.35891706	0.11158	1.51711248	0.814461	0.84825876	0.52838441	0.92471605	0.10855237	1.97908555	0.7751809	0.44771183	0.02734	3.22961	0.798555309	0.84412694	0.886851936	0.24033086	0.99377544	0.06646552	0.597369	0.78681	0.89315842			
homeodomain interacting protein	NM 022740	28996	7q34	137598247	neg	1	1	0			0.22037	2.08343496					0.8276818	0.5297972			0.83106	0.5298			0.547602535	0.93591825	0.61968362	0.7902555						
brain-specific membrane-anchor	NM 012109	25789	19q13.11	19218024	neg	1	1	2	0.02182	1.74147385	0.11788	1.46117363	0.938626	0.78253772	0.14566993	1.56699127	0.51674639	0.99512864	0.93692611	0.58365769	0.18422	1.21247	0.477046415	1.22674147	0.119846765	2.22518553	0.01984765	2.22518553	0.282895	1.16459	0.26122351			
katanin p80 (WD40-containing) s	NM 005886	10300	16q13	48166590	neg	0	1	2	0.34695	1.12417176	0.44606	1.03537832	0.934842	0.74075629	0.59458688	0.80644854	0.58836905	0.96734738	0.88102965	0.3286043	0.49213	0.9969	0.592545556	0.94834962	0.667743134	0.59201681	0.48909083	0.99158249	0.748932	0.61002	0.86931266			
hypothetical protein FLJ12765	NM 024852	79910	1p34.3	36219128	neg	1	1	1																											
GM2 ganglioside activator protei	NM 000405	2760	5q33.1	150701533	neg	1	1	2	0.59022	0.94016034	0.8245	0.72604536	0.170648	1.27445405	0.96320939	0.69429	0.30305064	1.0867829	0.21642911	1.25568311	0.45135	1.02938	0.80431218	0.88536256	0.955697393	0.42785114	0.9480517	0.52586758	0.744157	0.64647	0.9860763			
nudix (nucleoside diphosphate lik	NM 006703	11165	6p21.31	34258107	neg	1	1	2																											
hook3 protein	NM 032410	84376	#N/A	81166		1	1	1																											
stromal cell-derived factor 2	NM 006923	6388	17q11.2	2682079	neg	1	1	1	0.09611	1.50785068	0.13727	1.46937264	0.574406	0.95774567	0.68133027	0.79824834	0.14754536	1.43073392	0.51445587	0.65421409	0.13604	1.43161	0.482628166	1.03122237	0.637828342	0.73718413	0.63696055	0.84287	0.552911	0.78652	0.59707271			
mitochondrial ribosomal protein	NM 018040	54948	11q12.1	61967551	pos	1	1	2	0.86798	0.70580895	0.2732	1.23704391	0.958456	0.74251234	0.64590231	0.57500463	0.25616322	1.21841184	0.95021224	0.42390218	0.03842	1.91377	0.60462939	0.83235547	0.868456344	0.48635604	0.89723757	0.54720761	0.478049	0.92863	0.98843341			
zinc finger protein 148 (ohZ-52)	NM 021964	7707	3q21.2	121701016	pos	1	1	2	0.28219	1.20826198	0.36023	1.12126053	0.680285	0.86095911	0.57320159	0.84839298	0.43055553	1.05309855	0.62694177	0.55384075	0.40274	1.06749	0.574137495	0.96882831	0.678208167	0.55664582	0.49456878	0.98268398	0.71806	0.65241	0.54253386			
putative protein similar to nessy	NM 005768	10162	12p13.31	6882960	neg	1	1	0	0.4735	1.27241332	0.08788	1.58106229	0.527047	0.84975268	0.61888161	0.85784029	0.40040442	1.08050886

svntaxin 3A	NM 004177	6809	11q12.1	61916827	pos	1	1	2																									
potassium voltage-gated channe	NM 004518	3785	20q13.33	61909043	neg	1	1	2																									
forkhead box D2	NM 004474	2306	1q33	47527906	pos	0	1	2	0.8614	0.70760145	0.84408	0.68351983	0.278122	1.53953184	0.46140034	0.98500911	0.61861023	0.90384432			0.61591	0.90384	0.513824865	1.01828335	0.765611721	0.67686874	0.6613585	0.84406132	0.474915	0.8965	0.4717007
hypothetical protein MGC4161	NM 024303	79149	19q13.43	57615430	pos	0	0	0.13603	1.40611305	0.26587	1.24672301	0.558002	0.94490711	0.50733501	0.89474055	0.27183876	1.1981626	0.43039978	0.9118072	0.19178	1.336	0.558194633	0.98248355	0.707236107	0.63523701	0.8095207	0.62957619	0.660232	0.67974	0.68369927
solute carrier family 22 (organic	NM 003059	6583	6q23.3	131152305	pos	1	2	0.16164	1.34194846	0.14504	1.41269388	0.83052	0.85792584	0.93226483	0.65153714	0.37207967	1.0891008	0.8640485	0.42090475	0.23413	1.20219	0.281253216	1.10575999	0.641141886	0.68849015	0.52200743	0.9583027	0.671233	0.71373	0.57595903
dimethylarginine dimethylaminoh	NM 012137	23576	1q22.3	86186378	neg	1	1	2								0.95801321	0.34136424			0.96132	0.34136			0.566598711	0.97234437	0.6043514	0.80463015				
uncharacterized hypothalamus p	NM 018479	55862	6q22.33	127270332	pos	0	1	2	0.44757	1.07674178	0.48252	1.00673854		0.85026123	0.40382172	0.33967865	1.25910071			0.32886	1.2591			0.728113067	0.60364025	0.79126343	0.64959662				
methyltransferase COO3	NM 017421	51805	6q16.2	99685575	neg	0	1	2																									
candidate tumor suppressor p33	NM 016162	51147	12q13.31	6629404	neg	0	1	1			0.62885	0.79784357		3.4175E-12	7.86294323	0.51524289	0.83303601			0.49091	0.83304			0.553100359	0.95554679	0.52474848	0.93817641				
zinc finger protein 237	NM 014242	9205	13q12.11	18391603	neg	1	1	0	0.15695	1.33578261	0.24031	1.25049669	0.482206	1.00327365	0.56324322	0.89561826	0.77375321	0.5181337	0.79822616	0.45912472	0.47974	1.12754	0.695106491	0.92667486	0.52734015	0.80084552	0.46145136	1.03077478	0.582375	0.78235	0.52388568
oxysterol binding protein	NM 002556	5007	11q12.1	61737898	pos	0	2	0.35184	1.20183233	0.20694	1.7082774			0.5200983	0.84384375	0.58948839	0.88842775			0.5858	0.88843			0.540486228	0.93689353	0.57305228	0.87827427				
neighbor of COX4	NM 006067	10328	16q24.1	77037696	neg	0	0	0.97682	0.54183248	0.99103	0.39338795	0.253853	1.29935659	0.36404135	1.044258	0.73859716	0.83306477			0.79977	0.83306	0.725622286	0.85065167	0.285074762	1.03656952	0.20747615	1.31627118	0.036673	2.20037	0.44176291
protein phosphatase 2 (formerly	NM 002716	5519	11q23.1	113965192	neg	1	1	1																0.574547647	0.99190711	0.53177806	0.93073593				
insulin-degrading enzyme	NM 004969	3416	10q23.32	93095299	neg	1	2	0.27967	1.1940668	0.11964	1.51979167	0.481366	1.00748604	0.46767844	0.84943993	0.70061164	0.8272863	0.65395817	0.44584587	0.67851	0.84393	0.388362078	1.11013803	0.648276199	0.57589226	0.46167265	1.02164502	0.60941	0.67288	0.77465082
a disintegrin-like and metalloprot	NM 014272	11173	15q24.3	74116908	neg	1	1	2																									
SEC15 binding protein 2	NM 024077	79048	#N/A	#N/A	neg	1	2	0.13861	2.02165655	0.16376	1.45847737	0.336863	1.20368119			0.38326875	1.20180919			0.37337	1.20181	0.435435244	1.37781923	0.535778467	0.70837908	0.75611804	0.5707218				
hypothetical protein FLJ11560	NM 025182	80256	9q13.3	35416377	neg	1	1	1	0.4251	1.06009362	0.13765	1.4781488	0.618229	0.82440938	0.57337624	0.82823088	0.47954982	1.04154165		0.47228	1.04154	0.595707419	0.9703635	0.540913422	0.84825446	0.36374129	1.12293144	0.506823	0.79358	0.50832749
methylmalonyl Coenzyme A mut	NM 000255	4594	6q12.3	49401067	neg	1	1	1	0.15893	1.35808505	0.24404	1.26458333	0.775469	0.83386958	0.59121633	0.81907277	0.45509019	1.04916555	0.40092116	0.75777837	0.43889	1.08985	0.575254097	0.97708651	0.726695554	0.66878521	0.54237572	0.94180629	0.796212	0.50725	0.54491808
transforming growth factor, beta	NM 003239	7043	14q24.3	73930229	neg	0	2	0.53144	0.9759257	0.59809	0.88076765	0.467708	1.01917265	0.37258149	1.08078419	0.22508293	1.28300444			0.2131	1.283	0.470111893	1.03436284	0.691391917	0.8269879	0.52122961	0.96381396	0.378419	1.06787	0.51745912
hypothetical protein DKFZp434G	NM 031217	81930	11q14.1	29298730	pos	1	1	2					0.394944	1.1868996		0.57002831	0.90915471			0.56569	0.90915			0.571031282	0.72001071	0.70146356	0.69848141				
WNT inhibitory factor 1	NM 007191	11197	12q14.3	64947000	pos	1	1	0.13265	1.4275106	0.59295	0.911022	0.437184	1.08152428	0.12051105	1.2237182	0.14926574	1.24795378	0.19548548	1.34711145	0.22657	1.20149	0.049292912	1.43443171	0.035071031	1.68694921	0.03509799	1.96349382	0.02575	2.22886	0.70425017
ALL1 fused gene from 5q31	NM 014423	27125	5q31.1	131738486	neg	1	1	1	0.39465	1.08096833	0.2904	1.19739177	0.238919	1.17496751	0.40357816	1.05592661	0.66201697	0.92533615	0.41706146	0.94940196	0.65214	0.89439	0.412820792	1.07129124	0.363627198	1.07410158	0.65222739	0.83544338	0.295687	1.26602	0.90931419
KIAA0296 gene product	NM 014699	9726	16p11.2	30169763	neg	0	1	2	0.9538	0.59282482	0.86843	0.65324074	0.281709	1.15272234	0.50242111	0.80913254	0.51243995	0.99547666	0.38470318	1.23137322	0.55929	0.95339	0.764382567	0.85790429	0.889090388	0.54815292	0.81244475	0.70571429	0.655199	0.73633	0.73457161
membrane protein, palmitoylated	NM 001932	4356	17q21.31	41620107	neg	1	1	0								0.90231517	0.44024023			0.90726	0.44024										
aldolase A, fructose-bisphosphat	NM 000034	226	16p11.2	29079222	neg	0	1	1	0.25978	1.22369463	0.19877	1.37292115	0.49009	1.0000674	0.52451243	0.81426184	0.0164621	1.66560552	0.29916421	1.22494533	0.00884	1.97537	0.432709467	1.05207587	0.032728735	1.74684542	0.03473136	1.12703068	0.110574	2.02507	0.4512223
zinc finger protein 281	NM 012482	23528	1q32.1	198105953	neg	1	2	0.07936	1.49470978	0.05712	2.075	0.941709	0.28194111	0.61963918	0.87269818	0.84564702	0.71821914	0.94883761	0.50148206	0.37678	1.16665	0.232621599	1.14197608	0.788305084	0.63463243	0.4581822	1.02203077	0.769557	0.66656	0.57285204
x 009 protein	NM 020234	56986	15q21.2	45470604	neg	1	2	0.21077	1.27411115	0.16353	1.41915179	0.380427	1.072728	0.67042066	0.84450512	0.41819245	1.08296927	0.78275467	0.36007795	0.3251	1.17729	0.482262226	1.0552078	0.666952437	0.72685145	0.44244733	1.0406655	0.74605	0.63271	0.94028757
programmed cell death 8 (apopto	NM 004208	9131	Xq26.1	123909233	neg	1	1	0.17836	1.61245584	0.25896	1.40627962	0.182289	1.39003295	0.3058095	1.12895983	0.41120533	1.11537071			0.40199	1.11537			0.931141414	0.16680445	0.98917235	0.13852814				
hypothetical protein FLJ12526	NM 024787	79845	8p12	33307338	pos	1	2	0.82359	0.74846918	0.8388	0.68934304	0.559988	0.9355026	0.17853122	1.24145968	0.57274614	0.94615398			0.5685	0.94615	0.612761877	0.95345115	0.926332275	0.4454162	0.9124474	0.57359307	0.605469	0.7461	0.5862361
hypothetical protein FLJ23186	NM 024616	79669	3q13.2	108586753	neg	1	2	0.70976	0.82222864	0.69928	0.82690875	0.865438	0.54748335	0.26616574	1.31880243	0.74728422	0.75137646			0.74871	0.75138	0.347973352	1.23841293	0.661817372	0.61030827	0.68933426	0.70446529				
homeo box D3	NM 006898	3232	2q31.1	175081341	neg	0	2	0.03443	1.98927863	0.03983	1.91944444	0.306947	1.10988935	0.45244033	0.9821871	0.00100211	2.67364458	0.30667793	1.83591218	0.00074	2.74463	0.281474224	1.18063505	0.000782553	2.73885182	0.00118895	4.27424427	0.00474	3.78535	0.29235033
carbohydrate (chondroitin 6) sulf	NM 004273	9469	10q22.1	72502679	neg	1	2																										
deoxyguanosine kinase	NM 080915	1716	2q13.1	74291587	neg	1	2	0.19731	1.37235779	0.45607	1.02902369	0.607345	0.90709436	0.31233371	1.1335089	0.78504661	0.72073887			0.78749	0.72074	0.886914759	0.63787639	0.585780489	0.76544854	0.61707643	0.85154062	0.686237	0.67102	0.66111862
Cas-Br-M (murine) ectropic retro	NM 012116	23624	19q13.32	45925885	pos	0	2	0.87054	0.72704774	0.82389	0.70951424	0.481267	1.00382964	0.5009941	0.95108963	0.63327761	0.91703445	0.58653949	0.71376675	0.61873	0.92372	0.765507008	0.87653942	0.945546952	0.49975214	0.82383904	0.70207174	0.862292	0.5508	0.38378618
Notch homologo 3 (Drosophila)	NM 000435	4854	19q13.12	15649642	pos	0	2	0.5545	0.96122839	0.62067	0.88966899	0.673944	0.88399687	0.14729921	1.34342856	0.17489072	1.192786	0.07502086	1.68830824	0.37785	1.06639	0.237499242	1.12780634	0.642134682	0.72210565	0.43128152	1.04570471	0.484738	0.92829	0.29667754
CDK4-binding protein p34SEI1	NM 013376	29950	19q13.2	41567914	pos	1	2	0.36678	1.13338457	0.3075	1.18229167	0.777888	0.82489677	0.51174606	0.94951443	0.20100258	1.35708685	0.5261181	0.83751954	0.18486	1.36805	0.72257206	0.79769819	0.662910498	0.70004829	0.58966889	0.89105339	0.706241	0.5719	0.66683555
hypothetical protein FLJ10377	NM 018077	55133	7q32.1	126427706	neg	1	2	0.28672	1.10388778	0.08369	1.81078704	0.58077	0.75050454	0.28926429	1.17713619	0.58288	1.10270766	0.53219594	0.71707457	0.57888	0.92382	0.486021084	1.11777577	0.08326641	0.44476314	1.04184704	0.529286	0.82353	0.5619028
proteasome (prosome, macropai	NM 002807	5707	2q37.1	229979480	neg	1	2	0.45786	1.05660226	0.21312	1.57354167					0.43644664	1.06726396			0.42793	1.06726			0.692238546	0.67865673	0.70284929	0.7755102				
replication protein A2 (32kD)	NM 002946	6118	1p35.3	27225056	pos	0	2	0.46307	1.02796084	0.51086	0.77310484	0.256495	1.12126745	0.36756336	1.05328255	0.24490262	1.27161661	0.32196612	1.47200432	0.27586	1.23788	0.717903502	0.83617618	0.720200093	0.64447772	0.7315971	0.73959643	0.528195	0.85808	0.69933073
heterogeneous nuclear ribonucle	NM 004966	3185	10q11.21	43170085	neg	1	1	2			0.60466	0.76561845				0.69221397	0.80767168			0.69196	0.80767			0.659083475	0.52928027	0.79904102	0.49756828				
lipoma HMGIC fusion partner	NM 005780	10186	13q13.3	37903358	pos	1	1	1																									
G antigen 1	NM 001468	2543	Xp11.23	47961610	neg	0	1	0	0.5971	0.93855743	0.99321	0.38933867	0.091064	1.21340297	0.85561146	0.82935901	0.96316982	0.75086716	0.99995703	0.30452296	0.40593	1.04455	0.3735342	1.05366242	0.274975687	1.16594636	0.88293287	0.6402222	0.764378	0.6929	0.9684229
hypothetical protein FLJ23407	NM_030899	64288	6p22.1	28350401	pos	1	2	0.44461	1.05328189	0.50349	0.98134994	0.778849	0.8365561	0.47625871	0.88401558	0.36657849	1.10967801	0.60744883	0.56935228	0.34108	1.12388	0.739655797	0.577917	0.71619535	0.61562556	0.75608887	0.67143741	0.69977	0.61586	0.76665754
histidine triad nucleotide binding	NM 138571	135114	6q22.32	125937590	pos	1	2	1.08843	0.24455543	0.07137	2.1195132	0.659206	0.8918717	0.47293106	0.931893	0.52631481	1.0267361			0.27446	1.38417			0.663360199	0.95376969	0.52362781	0.94272804	0.407143	1.02941	0.51135681
dynactin 4 (p62)	NM 016221	51164	5q33.1	150157196	neg	1	1	0.65036	0.88456385	0.83663	0.64622871	0.637899	0.88727264	0.72114594	0.69565336	0.49150437	1.00320592	0.51941919	0.81417111	0.48422	1.00329	0.8395376	0.71289041	0.651456237	0.99256062	0.95693919	0.22648849	0.363328	1.08088	0.62898913
Rho guanine nucleotide exchang	NM 004706	9138	19q13.2	43031617	pos	1	2									0.99973103	0.15192646			0.99981	0.15193										
RAS guanyl releasing protein 1 (	NM 005739	10125	15q15.1	34123840	neg	0	2	0.29898	1.25098771	0.15204	1.57809868	0.536993	0.9638451	0.12621949	1.52320614	0.63900218	0.81803327			0.53699	0.8818	0.244723737	1.30269447	0.016854705	1.9910914	0.01536257	2.55892256	0.100738	2.20136	0.33796912
H2A histone family, member D	NM 003510	8330	3q12.1	96396229	neg	1	1	0.44901	1.04335787	0.8705	0.65990035	0.043563	1.55628027	0.43108502	1.01048945	0.05377083	1.5888711	0.13821334	1.66201117	0.10003	1.55085	0.187615979	1.31333629	0.138137458	1.63913789	0.38453228	1.13275613	0.128628	1.85294	0.14402873
PABP-interacting protein 2	NM 016480	51247	5q31.2	138552220	pos	1	1	0.57173	0.92346774	0.46626	1.02236251	0.655529	0.88916253	0.13884811	1.65125251	0.57150144	0.92417812			0.56721	0.92418			0.536872642	0.74090674	0.36937583	1.120671	0.458727	0.90728	
somatostatin-like protein	NM 006754	6856	7q22.3	102421453	neg	1	2	0.46687	1.02569155	0.37766	1.15539773					0.284863	1.39285455			0.15473	1.39285	0.703899993	0.65266425	0.322236357	1.00344103	0.49143691	0.97836357	0.319102	1.35143	0.48723319
protein phosphatase 2, regulator	NM 002719	5527	14q32.31	99667478	neg	1	1	0																0.299672541	1.48668529	0.44907697	1.1021645				
dihydroorivimidine dehydroenas	NM 000110	1806	1q21.3	97839545	pos	1	1	0																									
interferon regulatory factor 1	NM 002198	3659	5q23.3	131340921	pos	0	2	0.40121	1.08935461	0.26205	1.26350512	0.41879	1.06410398	0.44446871	0.99724797	0.34374015	1.10723082	0.32574666	1.47824159	0.37425	1.08182	0.669295973	0.90083372	0.185452721	1.18603382	0.15231449	1.48368298	0.237549	1.48235	0.32764978
hypothetical protein MGC4767	NM 032314	84274	12q24.31	119797084	neg	1	2	0.22508	1.45475314	0.17385	1.79075342	0.535071	0.96946085	0.43878428	1.10626735	0.48866656	1.00997681			0.48168	1.00998			0.583077482	0.73661288	0.70083023	0.73051948			0.79145792
isoleucine-tRNA synthetase	NM 002161	3376	9q22.31	85799292	neg	1	2	0.38334	1.11416194	0.34307	1.1598467	0.610302	0.90559556	0.43643311	1.10565308	0.49279818	1.00154218			0.48594	1.00154	0.594944219	0.86384693	0.810642528	0.53077694	0.87833509	0.55976431			0.90226604
DNAJ domain-containing	NM 013238	29103	13q14.11	41597647	neg	0	1	1								0.92553498	0.46876062			0.92953	0.46876			0.546596037	0.85349506	0.62132616	0.60794278				
polymerase (RNA) II (DNA direct	NM 021974	5435	22q13.1	34964248	neg	1	2	0.45543	1.04362447	0.41407	1.08735698	0.290251	1.27338527	0.42620767	1.05123469	0.45958905	1.03762843	0.67162387	0.21442249	0.43605	1.05044	0.53992091	0.98196604	0.383912002	1.01137199	0.42828913	1.061976			
hypothetical protein FLJ23053	NM 022907	64942	5q35.3	180732384	neg	0	1	2			0.21973	3.65855263																					
VENT-like homeobox 2	NM 014468	27287	10q26.3	133965671	neg	1	2	0.22042	1.25911308	0.30867	1.17583333	0.730977	0.88142524	0.56261414	0.92230693	0.54098978	0.96984499	0.54461657	0.87986714	0.5234	0.97919	0.34485078	1.07820033	0.003139456	2.1294331	0.00210163	3.56256194	0.026627	2.15716	0.00077717
tubulin alpha 6	NM 032704	84790	12q13.12	49687070	pos	1	1	0																									
natural killer-tumor recognition se	NM 005385	4820	3p22.1	41946897	pos	1	1	2																									
sphingosine-1-phosphate lyase 1	NM 003901	8879	10q22.1	71360675	neg	1	1	0								0.79935792	0.58865348			0.80214	0.58865			0.541942783	0.69619435	0.74864369	0.57575758				
calcium and integrin binding prot	NM 006384	10519	15q26.1	87395145	neg	0	2	0.78073	0.77870474	0.89729	0.63163328	0.351099	1.09698546	0.51016151	0.81107657	0.58423824	1.05902324	0.61098893	0.77741878	0.23483	1.19717	0.921233382	0.6857775	0.405168869	0.010981	2.56969146	0.059722	1.81257	0.31078723
microsomal glutathione S-transfe	NM 004528	4259	1q24.1	163235333	pos	1	2	0.29025	1.2138124	0.08675	1.77705128	0.546815	0.95633074	0.45900311	0.97277447	0.17306494	1.48090182			0.16143	1.4809	0.47016682	1.12640398	0.51488499	0.91550502	0.51467682	0.96124759			0.48003724
KIAA0963 protein	NM 014963	22904	19q13.3	1184926	neg	1	1	0								0.52861854	0.84173756			0.5229	0.84174			0.280019134	1.18216027	0.12606395	1.61075036	0.667435	0.43344	
phosphoiloase A2, oroup IVB (cy	NM 005090	8681	15q15.1	37487970	neg	1	2																										
fibroblast growth factor receptor	NM 022969	2263	10q26.13	122257672	neg	1	2																	0.507065737	0.81817307	0.65956414	0.76467803				
moesin	NM 002444	4478	Xq12	61108003	pos	1	1	2																									
homeo box 11 (T-cell lymphoma	NM 005521	3195	10q24.31	101783464	neg	0	1	2																0.231710433	1.80507547	0.3363545	1.46681097				
hypothetical protein FLJ20425	NM 017816	55646	4p16.3	4146940	neg	1	1	0.1435	1.40825491	0.11174	1.58136238	0.911174	0.75020154	0.44957214	0.96625086	0.35688529	1.16421054			0.3464	1.16421	0.332142269	1.25978315	0.606263827	0.76529865	0.60559741	0.87247643	0.377597	1.14379	0.54303712
mitochondrial ribosomal protein L	NM 024540	79590	1q23.1	154576227	neg	0	1	2																									
G protein-coupled receptor 5lt	NM 032503	84539	6q16.3	100239665	pos	0	1	0								0.78490627	0.59184848	0.55187329	0.50738709	0.78438	0.59333			0.255017592	1.56952923	0.36917264	1.30992464				
kinesin family member 4A	NM 012310	24137	Xq13.1	65687982	neg	1	2	0.54395	0.92824579	0.32203	1.54801587	0.349619	1.3211874			0.88859422	0.54040943			0.89271	0.54041			0.925432742	0.34000123	0.96493192	0.36178108				
cyclin-dependent kinase inhibitor	NM 001262	1031	1q32.3	51060663	neg	1	1	2																									
fidgetin-like 1	NM 022116	63979	7q12.2	49976914	neg	1	2	0.13	1.44096351	0.21601	1.49022727	0.302287	1.16125073	0.38028012	1.6010326	0.14574373	1.50683145			0.1346	1.50683	0.519538435	1.45497498	0.533443623	0.99247589	0.23798364	1.30283203	0.229891	1.96584	
skeletal muscle and kidney enric	NM 016532	51763	17q11.3	1532068	neg	0	2	0.17816	1.28869917	0.64303	0.87307958	0.66504	0.90769577	0.44710212	0.99810588	0.50362403	1.00113392	0.66965875	0.67260928	0.46639	1.01345	0.468353851	1.02943779	0.819	0.57984179	0.58396379	0.77091968	0.703552665	0.751777	0.64784	0.88603414
KIAA0997 protein	NM 014950	22890	14q23.2	62298797	neg	1	1	2								0.22095305	1.64862198			0.20898	1.64862			0.615454357	0.3982024	0.85446812	0.27417027				
transcription factor 4	NM 003199	6925	18q21.2	52983933	pos	1	1	0																									
heat shock 105/D	NM 006644	10808	13q12.3	29697370	neg	1	1	1	0.21224	1.33625152	0.19201	1.61975758	0.190266	1.2596643	0.41087445	1.1015004	0.24006306	1.39728785		0.2281	1.39729	0.481245176	1.13515013	0.386033346	1.00915198	0.42748447	1.06812169			0.44957314
trioantite motif-containing 14	NM 014788	9830	9q22.33	91671774	neg	1	2	0.82526	0.61402681	0.92802	0.57497815													0.578792368	0.70682386	0.72055399	0.6729634				
distal-less homeo box 3	NM 005220	1747	17q21.33	47779812	neg	1	1	0.01527	1.86362603	0.41602	1.12579787	0.153554	1.23475667	0.00412909	1.63151333	0.51402245	0.99689112	0.01056897	1.62536288	0.99615	0.52627	0.007196865	1.67488935	0.439637347	1.02182997	0.26047138	1.2325507	0.990356	0.27833	0.61864485
PTPRF interacting protein, bindi	NM 003622	8496	12q11.23	28049882	neg	0	1	0.16959	1.48732548	0.36633	1.40183471	0.431025	1.15077057	0.28639743	1.53170802	0.18871238	1.43306922			0.1769	1.43307	0.475276933	1.14087284	0.636275709	0.95298807	0.57903435	0.88945938	0.361104	1.17124	
myeloid/lymphoid or mixed-linea	NM 004529	4300	9p22.1	20675172	neg	1	1	2																									
connexin-36	NM 020660	57369	15q14	30387411	pos	1	2	0.0044	2.83538534	0.06558	1.99784197	0.255465	1.17639809			0.19823028	1.43087634			0.18634	1.43088	0.498500207	1.08264771	0.000170328	3.74937052	0.00271597	3.62133237	0.000309	10.7574	0.07856739
hypothetical protein FLJ13910	NM 022780	64785	2q11.2	86843093	neg	1	1	2								0.64289077	0.81290386			0.64101	0.81229										
carboxypeptidase D	NM 001304	1362	17p11.2	28459155	neg	1	2	0.0808	2.05411947	0.05481	3.76666667	0.7832	0.83744308	0.61747904	0.71832937	0.07382804	1.7108018			0.06548	1.6301	0.44321504	1.08547612	0.325906816	1.00261322	0.48927793	0.98939708	0.321296	1.30392	0.99995022
UDP-Gal:betaGlcNAc beta 1,3-g	NM 080605	126792	1q36.33	694339	neg	0	1	2								0.52014161	0.83687471			0.51415	0.83687			0.285263093	1.28190895	0.44157733	1.07117689				
ring finger protein 3	NM 006315	10336	4p16.3	756033	neg	0	1	0.39558	1.07696909	0.45416	1.02463916	0.524839	0.98184294	0.40759063	1.02563382	0.31097682	1.13563669	0.65055813	0.77736483	0.23549	1.20687	0.576729616	0.97631226	0.304313001	1.06612367	0.46420456	1.01562206	0.203426	1.31603	0.5333838
Mdm2, transformed 3T3 cell dou	NM 006878	4193	12q15	68977769	neg	1	1	0.13855	1.4241444	0.12122	1.47727273	0.812791	0.83324756	0.50524301	0.92096454	0.52215832	0.96479282	0.72666707	0.07170322	0.49082	0.99705	0.63610969	0.84836983	0.576028506	1.26836806	0.57782625	0.89242424	0.250191	1.66873	0.59934123
mitochondrial ribosomal protein S	NM 016067	51023	4q21.23	84301784	pos	0	2	0.45709	1.04532281	0.44833	1.03676262	0.658705	0.8809352	0.68886165	0.69780278	0.46498201	1.03278791	0.8028546	0.32086912	0.37937	1.09941	0.23203081	3.86378092	0.424849987	1.04226621	0.82678057	0.64079332	0.165489	3.20261	0.61727317
T, brachyury homoloq (mouse)	NM 003181	6862	6q27	165924382	pos	1	1	2			0.23047	1.8218006		0.27235324	1.88266989	0.54131839	0.93947396			0.53602	0.93947			0.364461862	0.37986786	0.41204087	5.11327561	0.083098	10.2353	
epidermal growth factor receptor	NM 005228	1956	7q11.2	54550884	neg	1	1	2								0.64995557	0.79203333			0

| | | |

thyroid hormone receptor interac	**NM_004237**	**9319**	**5q15.33**	**1105491**	**neg**	1	1	2									0.77257844	0.64656566			0.7747	0.64657			0.756221171	0.63023282	0.63383556	0.84862228	0.599061	0.57904	
CGI-149 protein	**NM_016079**	**51652**	**2p11.2**	**86625953**	**neg**	1	1	2	0.83198	0.67664617	0.67435	0.79097397	0.239122	1.37634858	0.05529798	1.54182602	0.27535509	1.27675369	0.13820815	2.01008774	0.48828	0.98588			0.213111621	1.15164492	0.27675779	1.31356206	0.291149	1.53268	0.43627753
potassium voltage-gated channe	**NM_004980**	**3752**	**1p13.2**	**112734612**	**pos**	0	1	0	0.65457	0.88495769	0.73121	0.79205873	0.442361	1.06973505	0.47716496	0.92152177	0.55619081	0.81795816	0.55117003	0.81677012	0.49468	0.87104	0.522675557	1.00551932	0.986148483	0.3533763	0.98966177	0.37122741	0.849501	0.57892	0.80457765
melanoma-associated antigen re	**NM_006428**	**10573**	**16p13.3**	**436534**	**neg**	1	1	1																									
transcriptional regulator interacti	**NM_014755**	**9792**	**2p14**	**64992394**	**pos**	1	1	2			0.38696	1.71495434			0.61838719	0.57944212	0.47023754	1.04656791			0.46268	1.04657			0.220045669	1.62815585	0.34007735	1.33053221			
homeo box B3	**NM_002146**	**3213**	**17q21.32**	**46338479**	**pos**	1	1	0			0.35244	1.34010417	0.324672	1.53096028	0.60536526	0.61195101	0.29376434	1.3352285			0.28223	1.33523			0.294398638	1.05093047	0.219138	1.37085137	0.044851	3.88889	
hypothetical protein FLJ13949	**NM_025077**	**80147**	**1p34.1**	**45533163**	**neg**	1	1	2	0.30458	1.33217747	0.14319	1.5173048	0.577929	0.93940187	0.69927438	0.74174128	0.7478681	0.78742331			0.74931	0.78742	0.517839999	1.02058607	0.545604296	0.92740376	0.66119992	0.82530848	0.332646	2.09314	0.84868466
zinc finger protein 313	**NM_018683**	**55905**	**20q13.13**	**48281422**	**neg**	1	1	1									0.99990899	0.08728941			0.99994	0.08729									
hypothetical protein FLJ11191	**NM_018355**	**55786**	**19q13.41**	**54241642**	**pos**	0	1	2	0.23928	1.37119905	0.20751	1.68405797	0.830378	0.5416817	0.62637849	0.69671163	0.53854014	0.94732152			0.53315	0.94732			0.627960029	0.67638137	0.6787273	0.74358302			0.50753482
protocadherin 17	**NM_014459**	**27253**	**13q21.1**	**56173373**	**pos**	0	1	2	1.1E-05	6.25216746	0.011	2.42524287	0.000661	2.5364039	0.99999484	0.42392853	0.00129591	2.23039853	0.22346558	1.58729151	0.00099	2.40162	4.05449E-05	2.21979342	0.000119592	3.83957372	0.00054736	5.54978355	0.002869	4.53836	0.00520757
hypothetical protein FLJ22215	**NM_022834**	**64856**	**1o36.33**	**899885**	**neg**	1	1	0	0.68395	0.78490209	0.81111	0.70267728			0.27035425	1.52006259	0.6195142	0.72776057	0.48769401	0.66681603	0.61626	0.72819	0.498143573	1.03988353	0.72789282	0.6984177	0.57062331	0.92293366	0.470283	0.92137	0.44686167
CGI-145 protein	**NM_016075**	**51028**	**13q14.3**	**50956753**	**neg**	1	1	2	0.92306	0.66608896	0.97228	0.4984384	0.297343	1.17960263	0.48318091	0.69682066	0.54243004	0.98440479	0.34808109	1.09139954	0.72152	0.86056	0.803873302	0.87190649	0.89048565	0.55541828	0.84988105	0.67607379	0.817436	0.5615	0.57759241
polymerase (RNA) II (DNA direct	**NM_002696**	**5436**	**11q12.3**	**65041954**	**pos**	1	1	2	0.91714	0.65077576	0.84975	0.67724192	0.122485	1.93862643	0.32702719	1.20577207	0.89307328	0.70574239			0.89721	0.70574	0.361827833	1.11172582	0.933457873	0.44783236	0.90647296	0.59694691	0.516534	0.82353	0.43892331
receptor-interacting serine-threo	**NM_006871**	**11035**	**14q11.2**	**22177820**	**neg**	0	1	1																	0.108535694	2.2310611	0.1639089	1.88180506			
ubiquitin carboxyl-terminal esteri	**NM_006002**	**7347**	**13q22.2**	**74091348**	**pos**	1	1	0	0.23746	1.31189669	0.23415	1.29143357	0.57098	0.92852524	0.55376604	0.82036822	0.48152501	1.52578578			0.47431	1.52579	0.628359224	0.87569988	0.679793372	0.68897307	0.66478345	0.81159254	0.587497	0.64884	0.73208288
heat shock protein (hsp110 famil	**NM_014278**	**22824**	**4q28.1**	**129616656**	**pos**	1	1	2	0.24998	1.42254914	0.06334	2.37950734	0.738819	0.80828549	0.2696587	1.65400534	0.71198107	0.81706886			0.71235	0.81707	0.500972629	1.12953044	0.721504377	0.60110782	0.78374426	0.64886965			
inhibin, alpha	**NM_002191**	**3623**	**2q35**	**218459608**	**neg**	0	1	2									0.87313378	0.75274414			0.87715	0.75274			0.578204661	0.9986803	0.29116344	1.23936155			
fibroblast growth factor (acidic) r	**NM_004214**	**9158**	**11q13.1**	**68185667**	**neg**	1	1	2									0.91287403	0.48781997			0.91699	0.48782			0.551248413	0.90874319	0.58007175	0.76539202			
clathrin, heavy polypeptide-like 1	**NM_001835**	**8218**	**22q11.21**	**16107228**	**neg**	1	1	2																							
SON DNA binding protein	**NM_003103**	**6651**	**21q22.11**	**31492744**	**neg**	1	1	0	0.48459	1.01026228	0.32636	1.17730496	0.650682	0.85013969	0.83078964	0.71139683	0.51847319	0.99323633	0.80612579	0.37997169	0.44455	1.03145	0.716594865	0.88561962	0.705872632	0.60568735	0.76491424	0.63665501	0.630038	0.72893	0.73919547
TRF-proximal protein	**NM_004275**	**9477**	**6q21.1**	**41876805**	**neg**	1	1	1	0.24801	1.21141996	0.09518	2.1265528			0.4351539	1.01548908	0.85270932	0.67645684			0.85649	0.67646	0.519182991	1.0228072	0.489193785	0.88291104	0.53202747	0.94074675			
hypothetical protein FLJ23239	**NM_022766**	**64781**	**22q13.31**	**43646583**	**neg**	0	1	0	0.42052	1.06981613	0.65337	0.85413233	0.278559	1.19263416	0.37741197	1.05910572	0.46367625	1.00580868	0.391444483	1.01474204	0.82556	0.75158	0.239163118	1.52649767	0.717602192	0.84163125	0.56149018	0.9284135	0.320266	1.16155	0.46160546
F-box only protein 2	**NM_012168**	**26232**	**1p36.22**	**11669614**	**neg**	1	1	0			0.30471	1.88835979	0.41157	1.25184932			0.94862139	0.36961647			0.95221	0.36962			0.538689654	0.67095631	0.73535827	0.55763446			
sterile alpha motif and leucine zip	**NM_016653**	**51776**	**2q31.1**	**171993229**	**neg**	1	1	1			0.43739	1.36977124			0.39856708	1.24014901	0.83499538	0.55417101			0.8385	0.55417			0.31115174	1.22426172	0.47452689	1.0130926			
hypothetical zinc finger protein N	**NM_052852**	**90649**	**19q13.11**	**20787960**	**neg**	0	1	2	0.69421	0.82787852	0.87894	0.64793707	0.180358	1.73828689	0.00426016	1.76094558	0.27382907	1.34228983			0.26208	1.34229	0.461445566	1.05658436	0.319101642	1.08648017	0.17093582	1.40630442			
hypothetical protein FLJ14486	**NM_032792**	**84878**	**19q13.43**	**59923364**	**pos**	1	1	1									0.62813157	0.45652665			0.62576	0.45653			0.500768913	0.81739832	0.67120178	0.67143741			0.57233021
oim-2 oncogene	**NM_006875**	**11040**	**Xq11.23**	**47573229**	**neg**	1	1	1	0.47397	1.02524144	0.31804	1.21231685	0.412209	1.05695931	0.44231496	1.00134695	0.76301859	0.7772664	0.803831	0.06906697	0.73582	0.8014	0.558216401	0.97140288	0.965544515	0.35192938	0.96581743	0.46445978	0.469465	0.87582	0.93126311
hypothetical protein	**NM_016406**	**51506**	**1q23.3**	**159834974**	**neg**	0	1	2									0.99541877	0.1965041			0.99623	0.1965			0.50594637	0.63874452	0.67699066	0.53463203			
NICE-1 protein	**NM_019060**	**54544**	**1q21.3**	**150327821**	**neg**	0	1	2									0.7073993	0.49945136			0.70763	0.49945			0.55625577	0.82783928	0.39576589	1.09284655			
hypothetical protein FLJ14735	**NM_032832**	**84918**	**6q25.1**	**149701033**	**neg**	1	1	2									0.87338728	0.39528477			0.87741	0.39528									
disrupter of silencing 10	**NM_020368**	**57050**	**4q13.3**	**71511593**	**pos**	0	1	2	0.46103	1.0366383	0.15651	1.78811553	0.419135	1.26069509			0.64434621	0.85360238			0.64252	0.8536	0.429183555	1.38478321	0.300195173	1.18563695	0.67017266	0.7863565	0.239495	1.72941	0.51688728

ratio	pc3 combined replicates		pc3 rep1		pc3 rep2		pc3 rep3	
ratio filter	p-value filter	ratio filter	p-value filter	ratio filter	p-value filter	ratio filter	p-value filter	ratio filter
	0.696782855	0.3244504					0.716	0.32445
	0.488745814	1.12063831			0.36405	1.21909	0.72185	0.23686
	0.607870037	0.06220161					0.61337	0.0622
	0.349705874	1.0815251	0.57404952	0.77804025	0.27326	1.35227	0.36939	1.05905
	0.575145327	0.4437709					0.57508	0.44377
	0.66540056	0.3576132			0.52693	0.78364	0.69782	0.19986
0.87465477	0.702205163	0.63203786	0.59934683	0.69199363	0.53295	0.85477	0.71534	0.54977
0.72253557	0.688729342	0.82785635	0.75123683	0.69023613	0.27056	1.51964	0.76614	0.64869
1.37098191	0.385428683	1.04260572	0.34744554	1.04476656			0.65345	0.3761
	0.602124346	0.92755957	0.39344852	0.92762522			0.5093	0.60405
1.39669073	0.001119394	1.79088544	0.01647275	1.88676991	0.00217	2.17338	0.09809	1.41785
	0.365444044	1.04094007			0.38741	1.06163	0.40147	1.03302
0.74298998	0.604349472	0.9938106	0.36996389	0.99254739	0.31653	1.09729	0.56964	0.76947
0.88415341	0.455886614	1.02584962	0.51922033	0.80103548	0.3592	1.06001	0.78499	0.5912
1.0415228	0.208913473	1.14278491	0.24812142	1.20942307	0.34365	1.07355	0.20372	1.31435
0.69919444	0.477159187	1.02860901	0.47450727	0.92463862	0.2662	1.22814	0.8207	0.56825
0.76978707	0.841755578	0.67329214	0.74018248	0.69529652	0.62971	0.80632	0.83602	0.55836
1.62119605	0.289362825	1.2173281			0.54842	0.83726	0.28953	1.25326
1.046823	0.015619067	1.9034788	0.08859464	2.2040139	0.0251	1.90261	0.15924	1.69218
	0.549783538	0.61481583					0.45466	0.61482
1.18815584	0.374899697	1.21957813	0.4773186	0.81943981	0.49332	0.8468	0.3373	1.23037
0.765695	0.718077273	0.77140166	0.77307734	0.62877293	0.44468	0.92545	0.59591	0.65064
0.79018137	0.760047972	0.58298946	0.52503686	0.74298384	0.75969	0.56908	0.64373	0.61166
1.20620628	0.779500648	0.86352339	0.40933331	0.94143675	0.96212	0.56014	0.36628	1.10674
1.34482541	0.006812448	1.76100439	0.01660551	2.29813074	0.03461	1.57924	0.12136	1.75246
	0.456494514	1.0670539	0.66797152	0.55363788	0.32453	1.2297	0.62825	0.68607
1.11853317	0.428178026	1.06342868	0.44612542	0.79094572	0.75532	0.66551	0.26552	1.19268
	0.86376235	0.42387381	0.59320172	0.64226482	0.65521	0.56047	0.88871	0.35309
	6.51144E-05	4.94464449	2.86826E-05	8.97519582	0.00772	3.29044	0.25456	2.5698
	0.578959819	0.90065974	0.5595082	0.62601075	0.44562	0.92877	0.41513	0.57968
0.90653028	0.675451049	0.72335696	0.5028193	0.77915323	0.69071	0.71679	0.52956	0.82683
1.48761152	0.613513278	0.95907214	0.50483996	0.8117453	0.72678	0.65323	0.42387	0.97357
	0.421322988	1.14427875	0.59910053	0.64063722	0.2772	1.40715	0.68387	0.52861
1.18254607	0.452075745	1.0370982	0.40303184	0.93073953	0.5733	0.76984	0.29	1.18546
	0.912600508	0.45593112	0.93835798	0.45793928			0.59544	0.2933
	0.432459501	1.0874839	0.28868694	1.23788974			0.81221	0.38055
0.89141984	0.777912457	0.71734787	0.54096118	0.80851294	0.76291	0.69887	0.68499	0.73916
1.05221075	0.567916531	0.98239323	0.76553801	0.69759564	0.92366	0.5337	0.36317	1.03992
0.90956091	0.518121269	0.99543658	0.92082959	0.51581568	0.18372	1.2656	0.70931	0.56627
1.03943443	0.497108376	1.00723736	0.66614325	0.77760193	0.71493	0.79824	0.31004	1.10786
1.02956358	0.472264171	1.00739977	0.42932524	0.90297455	0.79435	0.68111	0.40062	1.01664
	0.235818018	1.74366235			0.03371	2.52251	0.75009	0.54582
	0.715838182	0.61011577	0.72082526	0.60916218	0.58326	0.64322	0.44243	0.46046
0.59435364	0.478901709	1.02845974	0.28893489	1.19404233	0.60879	0.48696	0.86745	0.39042
1.39153891	8.69278E-05	2.0477407	0.00759308	1.7791968	0.00585	2.26176	0.00226	2.3587
0.86518122	0.670123322	0.48454073			0.88629	0.4806	0.61591	0.53525
0.75931963	0.49291077	1.31210005			0.16227	1.31326	0.48194	0.72266
0.91562161	0.401554812	1.05390083	0.59275718	0.82048802	0.28635	1.11724	0.43052	0.94861
0.8049507	0.445979994	1.00239896	0.82705079	0.54186321	0.41495	1.00269	0.72373	0.39665
0.59877764	0.500842349	1.00714976	0.76489543	0.60707187	0.3424	1.11014	0.66863	0.62412
	0.980655686	0.50323389			0.32101	1.45612	0.99063	0.38476
1.21140584	0.663210918	0.77094384	0.58025751	0.78246522	0.53229	0.91228	0.67222	0.70875
0.95453515	0.440078383	1.00314988	0.58696662	0.81351016	0.8415	0.69612	0.39948	1.00384
0.95582288	0.612908408	0.86386532	0.58079693	0.79184359	0.55375	0.89896	0.42015	0.86493
0.92415002	0.727854397	0.73837805	0.75729569	0.70603661	0.5227	0.90264	0.54144	0.88057
1.03710319	0.49281953	1.01110856	0.46155329	0.92225082	0.45867	0.97352	0.38709	1.11151
1.10891209	0.09836762	1.09877007	0.00068034	2.33684034	0.38846	1.01837	0.00633	2.0159
0.6433546	0.269044111	1.09188285	0.2249772	1.39031431	0.36987	1.05063	0.30118	1.1144
	0.102030974	2.06110195	0.02950644	2.5680696			0.81588	0.24786
1.49189818	0.655022023	0.89593325	0.91219602	0.55375137	0.65504	0.84832	0.13436	1.68246
1.03050577	0.804264903	0.79738037	0.81352596	0.65075399	0.78022	0.74089	0.45209	0.9589
0.65574497	0.091749192	1.16171417	0.10312927	1.33644597	0.00634	2.13012	0.36376	1.03902
0.70417653	0.585002886	0.99900738	0.68108437	0.77609519	0.41869	0.99907	0.88781	0.5008
0.96389036	0.704131656	0.62443626	0.63858037	0.63782711	0.64777	0.64513	0.61951	0.53015
0.7229552	0.327668621	1.26216774	0.42848001	0.88905236	0.16012	1.75461	0.62725	0.50434
	0.333710966	1.44640551					0.29588	1.44641
1.92689771	0.246009588	1.17777038	0.30096785	1.12715055	0.26846	1.47789	0.31602	1.24609
	0.395153075	1.34683994			0.24796	1.47889	0.45915	0.88211
	0.608532725	0.37563674					0.61414	0.37564
1.01895033	0.934995224	0.36391459	0.58511516	0.72841936	0.49613	0.86666	0.96437	0.31981
0.8937026	0.38531122	1.03885812	0.73893048	0.64629811	0.40557	1.02723	0.26148	1.17801
0.95971265	0.427101899	1.01268472	0.07951948	1.557273	0.03782	1.96535	0.41228	0.98855
0.95291078	0.652374938	0.48763638	0.52250364	0.77319831			0.66873	0.45334
0.84882057	0.586014815	0.90650244	0.60293656	0.6476037	0.43749	0.93034	0.51774	0.40152
1.23054554	0.37429303	1.01796396	0.66839751	0.75701605	0.16712	1.27668	0.39112	1.01234
	0.450645227	1.0349414	0.97733456	0.47273821	0.07419	1.94388	0.20981	1.23149
0.42579198	0.435003163	1.02293763	0.59152898	0.79673348	0.38485	1.03043	0.62414	0.77895
	0.475788538	1.09112237	0.45526113	0.85268989	0.5518	0.81163	0.35313	1.65845
1.28317742	0.607552964	0.88361387	0.61675312	0.75543747	0.50864	0.90128	0.43286	0.92099
0.46568575	0.756193922	0.6367408	0.58012034	0.7770209	0.7749	0.58092	0.58497	0.71703
0.5948254	0.632431845	0.88075493	0.4082966	0.91820956	0.56932	0.73294	0.67085	0.5357
	0.541931783	0.78866914					0.46388	0.78867
1.21274237	0.811161249	0.72802249	0.73359822	0.69522678	0.68408	0.77955	0.73936	0.70257

1.33198526	0.161144278	1.16674603	0.90038788	0.64515762	0.01391	1.67552	0.26519	1.1153
0.91043835	0.739373568	0.74619498	0.50452662	0.82238939	0.67264	0.77653	0.71633	0.71475
1.19094195	0.636145183	0.9850696	0.3735366	0.98647155	0.4462	0.9528	0.42718	0.97533
0.74417205	0.394029924	1.00044202	0.36471516	1.00043961	0.28889	1.22922	0.48988	0.83843
2.04077763	0.18428047	1.30314041	0.65283696	0.55994137	0.10294	1.38506	0.43467	0.8656
1.03118278	0.47628918	1.02258101	0.78909993	0.63040808	0.26155	1.16877	0.74851	0.54825
	0.420081192	2.06238012					0.39393	2.06238
1.25549075	0.343785278	1.06787439	0.2752675	1.0913571	0.71536	0.80435	0.29172	1.26485
1.07374168	0.839783968	0.66699717	0.8612079	0.54634013	0.7113	0.76896	0.54172	0.69841
0.74067542	0.466286565	1.03277998	0.70755698	0.68982406	0.3595	1.09911	0.54299	0.6476
0.85724863	0.738671517	0.79796164	0.82085706	0.65245013	0.46605	0.96309	0.57383	0.71888
1.09448316	0.687050951	0.66683211	0.69248766	0.5953193	0.58485	0.75651	0.55204	0.76418
0.9038763	0.081706628	1.45337958	0.01228376	2.24656843	0.00047	3.69534	0.99869	0.2846
	0.245493777	1.65464542					0.20049	1.65465
	0.53996196	0.72600947					0.46619	0.72601
1.03203344	0.56446305	0.98420111	0.83711936	0.68561044	0.14386	1.462	0.41429	0.97654
1.40123551	0.505477961	1.00464097	0.78739081	0.5221736	0.45713	0.96277	0.23171	1.49191
0.93822622	0.395290193	1.06324936	0.22147347	1.13645854	0.79964	0.73332	0.47763	0.9322
3.11870942	0.437109789	1.09662301	0.43579631	0.89160538	0.26116	1.44824	0.6754	0.56379
0.96011486	0.664209445	0.81936451	0.57328883	0.85304404	0.54238	0.72494	0.66181	0.81093
0.82629646	0.533087086	0.99096251	0.76378202	0.64786763	0.34205	1.06369	0.82299	0.64384
	0.352717893	1.54269463			0.26362	1.48265	0.31981	1.82846
	0.66661939	0.34843804					0.6815	0.34844
1.19220819	0.595855236	0.90223421	0.42646193	0.92035268	0.58782	0.6849	0.4648	0.89609
0.98240053	0.851004039	0.56494269	0.88403276	0.55779135	0.51982	0.83743	0.49014	0.89442
	0.996641684	0.30712509	0.8795627	0.42324337	0.99854	0.25736	0.64682	0.56
1.01560228	0.295419207	1.30999475	0.56116426	0.62317268	0.58697	0.77579	0.20576	1.43504
	0.329583768	1.63612565					0.29129	1.63613
0.81481334	0.343099169	1.07204941	0.30868041	1.08374576	0.27936	1.17878	0.87395	0.41688
1.49504338	0.005038443	1.77399693	0.02740793	1.83568856	0.01473	1.81725	0.16215	1.55404
0.85010186	0.904927789	0.60488288	0.57328369	0.85549743	0.50636	0.94325	0.94097	0.56424
1.14118551	0.465155433	1.04265102	0.47154052	0.89849937	0.76405	0.58954	0.3043	1.19602
0.88848578	0.827485624	0.67027146	0.64613178	0.79882655	0.85872	0.59898	0.50979	0.85101
1.14190865	0.62726685	0.94873668	0.54372434	0.83347084	0.93961	0.60718	0.32734	1.08019
1.09497766	0.002817689	1.59330378	0.00634511	1.8911646	0.0326	1.53092	0.08787	1.41131
0.96957655	0.617975536	0.9754353	0.60596203	0.78514218	0.68189	0.75455	0.40642	0.98148
1.12137343	0.014005574	1.80131364	0.01439455	2.07366123	0.06153	1.60765	0.48833	0.9098
0.90185244	0.471149961	1.02402587	0.85618164	0.60292403	0.26119	1.15379	0.55355	0.66039
0.92705218	0.618155325	0.87545167	0.57105727	0.79365413	0.45884	0.94875	0.64497	0.72298
0.82164655	0.411535167	1.14189459	0.13197613	2.19241581			0.70815	0.72526
0.89775692	0.597229968	0.94875273	0.80361722	0.6949722	0.18581	1.26675	0.90856	0.50706
1.09654359	0.546103529	0.99522423	0.77418417	0.65783523	0.18048	1.24725	0.41271	0.98957
	0.330405303	1.83682338	0.64340813	0.47340316			0.18595	3.27136
1.70668483	0.390213097	1.08398941	0.47091448	0.9027107	0.31147	1.12811	0.41554	0.87861
1.14658435	0.703103705	0.81093242	0.84212382	0.62696322	0.56416	0.87883	0.30548	1.46005
0.84150638	0.859570897	0.5436561	0.69020553	0.63252624	0.65411	0.74114	0.90749	0.2912
0.87221962	0.757779822	0.68822423	0.59320232	0.78545012	0.77762	0.66242	0.48316	0.80204
	0.514212989	0.58413847					0.5036	0.58414
	0.564056008	0.69455088					0.56208	0.69455
0.96028861	0.565695218	0.9866998	0.38049256	0.97229385	0.3875	1.05634	0.5842	0.71843
3.05493142	0.392922698	1.08921975	0.75086884	0.5626133	0.37386	1.09876	0.2799	1.34691
0.91096179	0.00016564	1.9807106	0.00437128	1.99278261	0.00653	1.94485	0.01307	2.01364
0.89945525	0.722899809	0.86260484	0.88142276	0.53348842	0.46033	0.8627	0.43443	0.95953
1.39461521	0.478732764	1.02933237	0.44955536	0.56515225	0.21779	1.31623	0.87031	0.5066
	0.342646634	2.49415549					0.30585	2.49416
	0.76283221	0.88581829	0.31710591	1.08492556	0.99998	0.21861	0.04354	2.75914
	0.608959594	0.78629498	0.59166291	0.48022247			0.40545	0.81509
	0.316818941	2.39672865					0.27716	2.39673
0.96204328	0.890251555	0.78369775	0.78347026	0.69019316	0.4508	0.97495	0.99531	0.3156
2.35059195								
0.95232667	0.39811348	1.01208232	0.3599153	1.0129386	0.52432	0.8525	0.71961	0.57924
0.999184	0.657799042	0.79394771	0.69160322	0.65783523	0.53386	0.89736	0.44178	0.89233
0.81257339	0.623793948	0.99325739	0.37092836	0.99340495	0.5248	0.90348	0.40667	0.85163
0.65022896	0.00266923	1.5389196	0.00609487	1.8447683	0.00126	2.19589	0.25845	1.1328
1.60225073	0.587908898	0.98104216	0.90693804	0.50645901	0.37676	1.04998	0.41287	0.9778
1.13685228	0.469564714	1.02369239	0.65338373	0.76283534	0.86053	0.68519	0.14718	1.29035
1.92763993	0.993840105	0.293856	0.99825776	0.2868786	0.51238	0.88196	0.4611	0.69888
1.38391252	0.423845937	1.02132719	0.5139468	0.87339475	0.62883	0.84481	0.37633	1.02648
	0.274743109	2.45290266					0.23142	2.4529
1.2852605	0.534552419	0.82816542	0.47253698	0.82816542				
1.22756966	0.607919594	0.99218879	0.72951126	0.60482068	0.80804	0.45875	0.40446	0.99344
	0.612511432	0.89010767			0.55331	0.60288	0.42119	0.89735
	0.700131411	0.4159599	0.72560786	0.35277841	0.4884	0.67042	0.45147	0.68538
2.57050068	0.071773966	1.81466795	0.259737	2.16107325	0.09241	1.71571	0.16566	2.03832
	0.594345426	0.9888504	0.61888608	0.6277219	0.58501	0.79425	0.4093	0.98963
	0.346466256	1.2992568	0.5928386	0.5220569	0.28257	1.36576	0.57142	0.43381
	0.493378192	1.04523214			0.41417	1.03507	0.30852	1.82116
0.88181907	0.397657257	1.01193064	0.35778075	1.0129386	0.66907	0.7625	0.56502	0.64879
1.07091106	0.660368032	0.88463446	0.41066601	0.89887254	0.5761	0.81136	0.50147	0.88207
1.02911229	0.618663411	0.95031331	0.3995453	0.95286553	0.4607	0.96933	0.60603	0.82217
	0.747997162	0.48811078	0.76420685	0.3655234	0.47711	0.81622	0.6398	0.60369
1.9843395	0.952645397	0.446739	0.70640527	0.62240802	0.96088	0.39415	0.76304	0.45401
1.44313355	0.721402797	0.59081922	0.5213602	0.7560865	0.57213	0.77647	0.75043	0.50823
1.30798864	0.409709653	1.07165822	0.58957848	0.44989288	0.37228	1.07881	0.47618	0.88596
1.00897023	0.509816685	1.00067602	0.60199159	0.74471104	0.81571	0.63027	0.35426	1.07236
1.40264714	0.665528358	0.79034186	0.38863169	0.54055943	0.60001	0.83088	0.63018	0.78481
0.95460006	0.604417788	0.92385402	0.70139186	0.50724935	0.44318	0.95866	0.56591	0.70172

0.59273491	0.569564769	0.7941035			0.6304	0.7844	0.46873	0.86231
0.92427207	0.329012767	1.08015542	0.16881528	1.21315634	0.98272	0.53479	0.05204	1.51877
1.08615272	0.590473218	0.94461061	0.51333697	0.81766985	0.92215	0.59881	0.16646	1.37209
1.62053435	0.83872855	0.83702841	0.73780262	0.74321646	0.99802	0.41933	0.22219	1.16706
	0.45435192	1.26679987			0.34849	2.00694	0.43268	0.71225
	0.605995388	0.86796563	0.52836022	0.68828044	0.6138	0.7245	0.43495	0.91165
4.88776774	0.775389483	0.76801522	0.99762245	0.26829792	0.1463	1.73109	0.19415	1.79187
1.318192	0.581037685	0.95687099	0.5365334	0.77188611	0.90546	0.5991	0.26775	1.17138
0.85303814	0.744956232	0.73975507	0.71961684	0.6882761	0.56972	0.8811	0.69645	0.67123
1.36953037	0.672830125	0.91559107	0.38845843	0.93780713	0.87153	0.62223	0.30922	1.22664
1.15007549	0.673688677	0.75707959	0.69012183	0.75438029	0.49535	0.94719	0.51159	0.79241
0.75546147	0.666042376	0.64196048	0.54594217	0.71810985	0.65489	0.65324	0.59445	0.51148
0.99190661	0.80523754	0.75584001	0.67730823	0.74650674	0.7709	0.76927	0.67264	0.70775
0.90400889	0.443760702	1.04461153	0.48403719	0.87444033	0.68807	0.78832	0.31692	1.12505
0.69401789	0.40110171 2	1.02011028	0.35366823	1.02355074	0.33664	1.1757	0.92009	0.33491
0.80227617	0.775595993	0.50904373	0.5309949	0.77703023	0.67885	0.51893	0.76642	0.48445
1.16367497	0.828530954	0.75492639	0.91824852	0.5687724	0.68348	0.81816	0.39966	1.1591
1.08926297	0.050967079	1.3983445	0.13451446	1.32066314	0.06269	1.58128	0.24344	1.30484
0.70144242	0.718080169	0.61920756	0.55689013	0.72920954	0.68334	0.65228	0.6737	0.46794
1.04915898	0.361892247	1.11457392	0.63332431	0.73319398	0.28831	1.15098	0.485	0.45383
1.29151318	0.584437877	0.85526244	0.59491108	0.75214361	0.52779	0.89766	0.47589	0.93469
1.16818387	0.739422245	0.60438044	0.72056967	0.48232214	0.67476	0.64428	0.5628	0.76092
0.69995723	0.404304273	1.05292455	0.32586507	1.07750524	0.74276	0.51751	0.64213	0.38894
1.07122487	0.798051569	0.7692923	0.9747295	0.48356009	0.14681	1.59595	0.7265	0.48784
	0.388142707	1.01835359	0.35727479	1.01835359				
0.84355035	0.440179973	1.00679667	0.38141593	0.89551883	0.40521	1.00783	0.42246	0.66617
0.92341795	0.345167534	1.04240192	0.59669819	0.83345115	0.25523	1.13726	0.39162	1.02579
0.97401307	0.692021175	0.70231229	0.7097845	0.68899139	0.51089	0.93029	0.54702	0.71415
0.86083112	0.302296247	1.03316185	0.32389862	1.04734793	0.10345	1.57537	0.39332	1.01633
0.91938049	0.696004936	0.77811149	0.65965607	0.59348062	0.67492	0.80599	0.48737	0.8993
1.0255955	0.618153732	0.92806828	0.70321907	0.63838235	0.878	0.62422	0.25683	1.21984
1.00843879	0.188283415	1.40351114	0.21314653	1.4016198	0.23683	1.40834	0.50958	0.81579
1.23181624	0.698497641	0.80005565	0.62601237	0.74531897	0.68635	0.8105	0.51858	0.88668
1.06593263	0.525911088	0.85753464	0.48267711	0.85753464				
0.95378308	0.62133672	0.99627548	0.37020528	0.99624499	0.21874	1.15537	0.93171	0.58035
1.00005769	0.603431273	0.75932732	0.47261769	0.81882419	0.58857	0.69415	0.43656	0.79796
0.73858314	0.656814368	0.90917906	0.99439528	0.42028748	0.05874	1.55909	0.58314	0.72236
	0.511897941	0.99810474	0.68089161	0.58762121	0.49842	0.90245	0.29503	2.01811
0.78340463	0.346377615	1.08104928	0.45890446	0.84490382	0.29616	1.21065	0.38118	1.05469
1.1066977	0.180112773	1.37376771	0.60861422	0.76898189	0.52066	0.92808	0.09932	1.48623
0.78324681	0.708964974	0.79763586	0.66735336	0.69964363	0.66447	0.82042	0.57858	0.83823
0.80563242	0.566283892	0.97182651	0.95337171	0.57130351	0.07191	1.42178	0.78447	0.72972
0.99274852	0.782660035	0.70902942	0.82905083	0.60922945	0.60231	0.85898	0.49043	0.6058
0.86440552	0.669357659	0.7072215	0.58690167	0.66754213	0.6665	0.70378	0.47702	0.85247
0.70612849	0.452172869	1.01990275	0.77559334	0.7225954	0.34889	1.04679	0.48663	0.7292
1.88986754	0.512784254	0.99897587	0.412204	0.90339366	0.37314	1.08383	0.77163	0.5166
1.12938574	0.67051281	0.86034676	0.55470928	0.75848859	0.71855	0.75117	0.44785	0.94805
1.14363379	0.59746201	0.96225566	0.77384903	0.68109618	0.87115	0.66301	0.30822	1.09108
0.90634585	0.523003386	0.99831156	0.79886193	0.65974743	0.42976	0.99127	0.11637	1.36847
0.56262714	0.593966485	0.7650921	0.55585867	0.74669056	0.49793	0.84503	0.58014	0.77205
0.66376781	0.492279124	1.01839792	0.84951522	0.49245905	0.17523	1.5696	0.43964	0.9135
1.56818788	0.004406609	2.90508176	0.0094857	3.47283728	0.0185	2.57077	0.49135	0.88485
1.11712868	0.673161917	0.84407075	0.57807018	0.78625459	0.65277	0.84259	0.40754	0.86326
1.14209512	5.11308E-06	2.41198215	0.00094134	2.40903034	0.00012	2.98236	0.01355	1.94272
1.28953886	0.557834964	0.96447754	0.55742187	0.73603692	0.44334	0.96292	0.37037	3.87201
	0.728844842	0.46700738	0.81348851	0.27781636	0.473	0.88178	0.38923	5.51465
1.19268766	0.292971275	1.24050681	0.7102244	0.57391871	0.23799	1.44234	0.28557	1.29111
0.92944943	0.890413096	0.59372087	0.76005405	0.53191772	0.73673	0.6654	0.85632	0.57153
0.99441475	0.602178387	0.9811628	0.63622175	0.6991515	0.6351	0.7844	0.41526	0.98497
1.21319931	0.49637965	1.05545595	0.57308917	0.67583017	0.47967	0.90748	0.35042	2.70643
0.57693932	0.380718003	1.03471389	0.34366248	1.03621178	0.4785	0.91526	0.46489	0.92361
1.26607657	0.731647301	0.65565225	0.71818806	0.56215508	0.66532	0.71892	0.49558	0.7854
1.02921224	0.99961605	0.26361818			0.57746	0.85735	0.99988	0.16943
1.07940511	0.812084315	0.72914116	0.52264494	0.85935677	0.92217	0.59529	0.32661	1.32925
	0.505512616	1.32165684			0.28929	1.3223	0.48643	0.44424
1.20789354	0.880269956	0.70714069	0.68843056	0.74554386	0.78845	0.73709	0.83925	0.65239
1.31860483	0.422136388	1.03630132	0.52436239	0.72293167	0.39563	1.03656	0.50506	0.74912
1.36122237	0.615741756	0.94216919	0.97338777	0.38429577	0.50938	0.9024	0.31867	1.10253
	0.761360722	0.36403717	0.78818502	0.36403717				
	0.373170506	1.19325207	0.61540835	0.62867866	0.32849	1.25449	0.40055	1.25897
0.88665986	0.848289011	0.48971111	0.61669797	0.60077216	0.6457	0.65474	0.87142	0.40631
0.73087777	0.55941043	0.8757098	0.56077432	0.71810985	0.46697	0.91766	0.48983	0.7528
0.80208383	0.44076116	1.01428589	0.4388171	0.93045963	0.38744	1.02014	0.65216	0.81317
	0.461718058	1.1075109	0.7694271	0.39393302	0.31338	2.22693	0.31316	1.61508
1.10809615	0.490928385	1.01179325	0.68422275	0.69140506	0.6586	0.80596	0.3534	1.08689
0.82128262	0.667559496	0.93803564	0.51464773	0.89737928	0.44688	0.98107	0.85019	0.65906
1.19521912	0.392965169	1.12733133	0.71917597	0.50430208	0.27112	1.25065	0.41566	0.72392
1.15472353	0.681905157	0.90186472	0.73232159	0.58492585	0.78409	0.55618	0.42749	0.96209
1.60649737	0.070279472	1.25810882	0.22390265	1.1572962	0.03214	1.63079	0.27119	1.15711
0.86926824	0.142651475	1.39817935	0.20873982	1.35228622	0.09972	1.64825	0.71956	0.53904
1.13448562	0.270227701	1.09636831	0.18009861	1.29557816	0.08703	1.51141	0.40434	0.96381
1.03270572	0.709806423	0.70002366	0.61194958	0.74584296	0.59946	0.57371	0.6901	0.69289
0.92737466	0.451181521	1.014086	0.7652308	0.62267514	0.38993	1.02263	0.56614	0.84039
0.66521446	0.448608058	1.04318632	0.71887061	0.74197691	0.30856	1.13707	0.46625	0.67959
1.22837774	0.018064527	1.38428174	0.00492714	2.09258494	0.26414	1.11586	0.03949	1.62026
	0.509539761	1.00672575			0.45525	0.92893	0.35204	2.14871
0.85900273	0.594568024	0.96371203	0.76348403	0.73367241	0.2576	1.12144	0.91397	0.60349
1.22283235	0.009512244	1.50442699	0.0563169	1.44051162	0.06833	1.42321	0.03203	1.81298
0.8842119	0.803728104	0.54614016	0.77734332	0.5121945	0.65465	0.66313	0.69799	0.40433
	0.430963476	1.12810347	0.81208773	0.37037109	0.51602	0.82314	0.2336	1.52012
0.94219824	0.653758111	0.83224498	0.65776255	0.6952682	0.5829	0.88472	0.56823	0.86161
	0.816743223	0.52480766	0.84744679	0.52480766				
0.98845222	0.855828952	0.68317446	0.7245226	0.62337809	0.74545	0.72706	0.80025	0.66385

	0.645643195	0.5261012	0.65729069	0.5261012				
0.95976325	0.782118073	0.69525358	0.84134901	0.49573853	0.64486	0.80416	0.46895	0.92255
0.6242611	0.88978209	0.63930797	0.49966023	0.91151532	0.42664	0.90183	0.94298	0.54146
0.9812417	0.25490832	1.13418954	0.94528909	0.56470148	0.01448	1.81235	0.35782	1.08588
	0.580781168	0.91049209	0.75663558	0.52397857	0.63817	0.73883	0.3208	1.35801
1.07516745	0.347239224	1.1444028	0.59056132	0.77277354	0.25787	1.21059	0.58072	0.81628
0.91296178	0.372594559	1.10492667	0.59376138	0.75673043	0.30534	1.13848	0.46803	0.92463
0.61395448	0.94952665	0.60331434	0.94559951	0.52006831	0.77963	0.71331	0.79391	0.60889
1.39248879	0.320470249	1.2182688	0.58944437	0.74471104	0.49063	0.94222	0.25103	1.27042
0.95108035	0.004435271	1.53365487	0.02342145	1.59671053	0.03982	1.48063	0.05215	1.531
	0.576392064	0.99459566	0.73980503	0.5786075	0.23879	1.25348	0.40688	0.99338
	0.743191316	0.40240234	0.76815605	0.40240234				
2.8432725	0.437015716	1.00337079	0.60540359	0.59542662	0.41559	1.00329	0.30336	1.72246
0.79979877	0.701131028	0.82509903	0.76613909	0.58033706	0.87732	0.54245	0.24026	1.42995
0.93302976	0.451356786	1.03497734	0.60641242	0.76312671	0.77005	0.76929	0.21688	1.20729
1.1156276	0.917005164	0.52914032	0.61110258	0.68438361	0.86399	0.5854	0.89275	0.36089
1.11440746	0.665945318	0.89859162	0.78737434	0.64690785	0.89783	0.60471	0.20052	1.31171
1.42951059	0.006952068	1.95771816	0.00098571	2.95466874	0.11029	1.46994	0.54369	0.86394
	0.729937228	0.4333677	0.75339633	0.4333677				
	0.768528572	0.44179498	0.79601539	0.44179498				
1.20241587	0.486673893	1.06899246	0.6258587	0.54726483	0.51988	0.71292	0.39116	1.34804
1.29416839	8.78069E-07	3.77288809	9.943E-05	3.78815788	5.4E-05	3.74939	0.04414	3.825
1.49670281	0.784705407	0.64520095	0.83017644	0.56673945	0.53102	0.89414	0.56645	0.83152
	0.615868637	0.61057385	0.62269726	0.61057385				
1.23216266	0.182537138	1.17825151	0.53123887	0.86253205	0.15117	1.25632	0.29144	1.11919
1.29552419	0.114319488	1.28079133	0.87026035	0.65159278	0.05938	1.45527	0.05873	1.64857
1.03262656	0.524698333	0.98840614	0.56872516	0.85284024	0.71145	0.81902	0.16379	1.81395
0.8452962	0.457322435	1.01026256	0.74485748	0.54570734	0.41087	1.01469	0.63898	0.66361
1.08374307	0.364896724	1.10283212	0.65672256	0.74741844	0.23625	1.1915	0.65024	0.70765
	0.56285993	0.81716433			0.44693	0.84581	0.44083	0.75699
1.38795554	0.614235366	0.54093755	0.56040348	0.6306151	0.54331	0.56495	0.60095	0.45509
0.74452915	0.95229329	0.58567507	0.64942873	0.80066135	0.55838	0.90925	0.98573	0.45037
0.85678695	0.454535391	1.01751868	0.44047525	0.86562342	0.4082	1.02481	0.66126	0.67885
1.17198352	0.423088028	1.04656747	0.92958784	0.40931328	0.31819	1.15849	0.2943	1.12992
0.87287578	0.95480463	0.5257041	0.6031802	0.79184359	0.43263	0.86235	0.98253	0.4412
	0.985388861	0.54378427	0.45856923	0.8132702	0.99995	0.26266	0.3825	1.10818
1.13155234	0.543961977	0.99767392	0.36998624	0.99198834	0.06236	1.71031	0.0683	1.52035
	0.277858454	1.63847476	0.49031557	0.57797513			0.23444	1.64004
1.03560914	0.202634337	1.27813695	0.27369233	1.20009205	0.53115	0.81077	0.1832	1.45255
0.23301982	0.681461687	0.7158638	0.61926188	0.55121626	0.55737	0.80252	0.66482	0.72364
	0.555013297	0.72069947					0.44853	0.7207
0.83629679	0.961431472	0.47911516	0.71737101	0.66717544	0.5163	0.91015	0.98022	0.41472
1.23800083	0.335256363	1.11392109	0.58008181	0.79143012	0.82302	0.7298	0.07603	1.45021
1.67306438	0.944054391	0.58572102	0.83772008	0.5912128	0.58835	0.83244	0.94517	0.53932
0.89356194	0.392878817	1.07435699	0.5691206	0.83533992	0.25008	1.16871	0.68879	0.78966
1.09559063	0.329716384	1.14185819	0.59729478	0.6151711	0.38682	1.08918	0.27182	1.29421
1.31500299	0.290033059	1.09183544	0.73335332	0.68625016	0.34406	1.06579	0.18416	1.23855
	0.370040894	1.33781339	0.4902868	0.39967556	0.36732	1.28015	0.37601	1.98222
1.46902789	0.780125548	0.71836594	0.67469218	0.57411202	0.47675	0.94837	0.79637	0.69245
1.11907499	0.66883585	0.69192703	0.69345415	0.61968388	0.54625	0.85776	0.49261	0.65737
0.94156245	0.010723254	1.6668106	0.06440109	1.56101105	0.0105	1.87892	0.30715	1.30967
0.80964564	0.591054059	0.95562785	0.73062915	0.6349881	0.33368	1.09814	0.87207	0.58126
1.26076444	0.003185223	2.03101443	0.03022284	1.7818466	0.00347	2.32835	0.49654	0.92954
1.42434394	0.003891113	1.79759553	0.90729622	0.60840203	0.00232	2.19768	0.00027	3.1975
0.92609944	0.444830844	1.05020342	0.55820063	0.81775064	0.81189	0.65396	0.20561	1.28074
	0.315016249	2.21022598					0.27518	2.21023
	0.582128265	0.91001552					0.41673	0.91002
1.37419734	0.606840865	0.98808172	0.51907982	0.81316053	0.4235	0.99188	0.8542	0.60234
1.00603939	0.543400784	0.95602699	0.47689342	0.79999381	0.80152	0.57082	0.22591	1.67774
1.57295618	0.659771655	0.67445034	0.60831373	0.64752623	0.63915	0.6845	0.48559	0.78283
	0.65518905	0.33936017					0.66833	0.33936
0.70780516	0.603055837	0.98688735	0.50871422	0.85039992	0.68524	0.71759	0.40514	0.98845
	0.381488357	1.26643997					0.34969	1.26644
1.01580175	0.567783427	0.97121075	0.54500737	0.77847753	0.43877	0.97325	0.47757	0.90623
1.04685231	0.184791124	1.80013048			0.47371	0.87469	0.1838	1.99535
	0.537222433	0.55778105					0.4694	0.55778
	0.445652429	1.04918176	0.95310262	0.17836224	0.25613	1.62727	0.33872	1.12041
0.7629568	0.384346801	1.06687948	0.67858682	0.79058419	0.10667	1.29874	0.84877	0.68488
1.10419648	0.390523465	1.01332977	0.35012145	1.01449509	0.45666	0.97128	0.45841	0.94367
	0.588189053	0.67031445					0.59036	0.67031
1.3002584	0.138023563	1.42127718	0.49373733	0.86255027	0.51379	0.93664	0.09199	1.4341
	0.548750103	0.72884527					0.45587	0.72885
	0.385318771	1.04803052	0.35405365	1.04803052				
1.12863984	0.878975755	0.67780533	0.79968835	0.66395754	0.57642	0.8795	0.86809	0.6176
0.60209433	0.358663579	1.05026746	0.40933879	0.97065321	0.03767	1.48009	0.77969	0.74751
0.73806935	0.583579459	0.98058472	0.56529121	0.86406221	0.40031	1.02424	0.96252	0.51848
1.01294852	0.580673951	0.98652571	0.39945221	0.9521658	0.30167	1.23376	0.41303	0.98447
1.24180819	0.16414647	1.21427421	0.03019896	1.61925048	0.99875	0.39756	0.00158	2.44432
1.27378409	0.62840252	0.87452586	0.69168807	0.50329836	0.32366	1.24767	0.8524	0.48187
1.07728719	0.425615813	1.05062741	0.71081255	0.6857591	0.84268	0.70476	0.10362	1.37456
1.57374056	1.04219E-06	4.21042508	7.6464E-06	6.63272184	9E-05	3.31538	0.32576	3.22466
0.72528563	0.401374161	1.02120318	0.34579907	1.02715158	0.47921	0.9072	0.43108	0.96289
1.63549967	0.264150713	1.0493114	0.33365148	1.02802585	0.51295	0.9382	0.07007	1.46444
0.87251782	0.803475682	0.71424793	0.75335818	0.67578532	0.52627	0.92139	0.76353	0.71491
1.53629926	0.351226279	1.15571068	0.47355288	0.80784213	0.3065	1.16629	0.55604	0.65818
	0.22313965	1.47159244	0.62843204	0.57132211	0.1904	4.17796	0.20182	1.45183
1.16826212	0.149433418	1.26396317	0.67297316	0.81086176	0.00801	1.79762	0.80284	0.72554
0.98196437	0.441265809	1.01018331	0.78711651	0.56904902	0.57773	0.83864	0.39239	1.01358
0.99038491	0.766851625	0.61018643	0.6762108	0.62793443	0.57167	0.81058	0.77011	0.48734
1.00554133	0.680026826	0.90601265	0.48199498	0.91395857	0.99626	0.44796	0.05897	1.47959
0.87082935	0.369072796	1.0843556	0.69596373	0.73189894	0.2631	1.13706	0.53623	0.8704
1.55533471	0.407135606	1.04462857	0.55989523	0.65584127	0.43689	0.97421	0.18504	1.2861
	0.267570673	3.54080126					0.22377	3.5408

0.79027826	0.650596944	0.72051471	0.45079231	0.80079567	0.53466	0.73884	0.65479	0.70081
1.6578093	0.158408004	1.2491986	0.55863739	0.75142283	0.21443	1.22031	0.17098	1.29747
1.01992004	0.860148847	0.5475975	0.45696892	0.87277344	0.50049	0.91784	0.90205	0.50428
1.23343447	0.799306905	0.60712775	0.60084535	0.6307042	0.50782	0.88335	0.82062	0.60326
0.9243327	0.600396196	0.91237922	0.6121865	0.63099101	0.46789	0.89231	0.42258	0.93113
0.93962738	0.776111397	0.85543418	0.3145399	1.11125060	0.2228	1.53954	0.99962	0.2537
1.18022468	0.331907228	1.11828492	0.79397382	0.5928266	0.47379	0.96034	0.17427	1.24416
1.09872625	0.569295152	0.93001531	0.62474844	0.68513975	0.6324	0.81935	0.38	1.23963
	0.592233828	0.99454235	0.59162847	0.66210599	0.41894	0.99529	0.41532	0.97156
1.08843571	0.413136462	1.07806783	0.60232135	0.70172283	0.89537	0.58503	0.07667	1.6157
1.19934633	0.505008726	1.0046312	0.5545378	0.81016852	0.76603	0.76846	0.21025	1.35042
0.95832564	0.358460688	1.05224163	0.48505599	0.7793996	0.15374	1.79768	0.39521	1.0306
1.12790022	0.375671056	1.04657637	0.40999718	0.96347797	0.08539	1.37004	0.41807	0.95729
1.4307833	0.585173183	0.98344686	0.38137808	0.96524786	0.32941	1.13664	0.4227	0.97943
1.05643771	0.340865113	1.15784427	0.50700837	0.83940684	0.57571	0.8576	0.26684	1.20944
2.75040456	0.221279798	1.16022733	0.99751576	0.3619177	0.07912	1.38685	0.01885	1.77458
1.10394421	0.614660396	0.97108184	0.63936646	0.66407133	0.69126	0.72593	0.41757	0.98012
	0.585868995	0.86588927			0.74764	0.64804	0.31794	1.54545
1.54086384	0.534999764	0.98518022	0.51057663	0.78317945	0.36467	1.08319	0.84051	0.5804
0.86284562	0.967068942	0.54784253	0.80646899	0.67264897	0.97864	0.48014	0.50822	0.91785
0.98506691	0.392938671	1.19577561	0.63894907	0.63555768	0.21376	1.6488	0.63363	0.66924
	0.714201587	0.5035064	0.52344894	0.69730884			0.73559	0.49819
1.19290147	0.355981507	1.11714134	0.67908519	0.53939771	0.35102	1.1234	0.33782	1.18178
0.72248973	0.916433024	0.65646196	0.7377159	0.74217095	0.68798	0.78052	0.93627	0.52924
	0.581848454	0.99879249	0.13605869	1.38763851	0.12176	2.14209	0.40477	0.99861
1.02223029	0.927109583	0.64931655	0.7158377	0.72308511	0.94495	0.59087	0.64717	0.7937
	0.421826496	1.08370182	0.4685909	0.79261518	0.44129	0.94961	0.20283	1.69205
1.14011789	0.429945879	1.0216301	0.58876606	0.72130441	0.39882	1.02321	0.44017	0.44804
	0.858811752	0.22945035	0.89010452	0.22945035				
	0.42980056	1.24721503			0.30649	1.96674	0.56428	0.81006
1.20372232	3.26069E-06	3.93646741	3.8211E-05	5.84973282	0.00632	4.1838	0.0025	2.88741
	0.653364183	0.81453529	0.71039457	0.64972433	0.46367	0.94551	0.44741	0.62894
1.40394883	0.32345518	1.03503163	0.34784379	1.02429005	0.14427	1.50142	0.39967	1.26553
0.91643038	0.056099551	1.33734137	0.20613061	1.24052241	0.02064	1.94745	0.24512	1.17338
1.13394059	0.558719554	0.97438965	0.77624328	0.60682329	0.88664	0.58966	0.2488	1.15662
0.82718036	0.128855077	1.71395557	0.62052331	0.6470792	0.07348	1.89459	0.33815	1.63869
1.08869274	0.411566749	1.08775903	0.70272029	0.62794122	0.31008	1.16147		
	0.415261496	1.08932217	0.70742109	0.44116367			0.34397	1.13169
1.0972452	0.420082947	1.06004614	0.74729614	0.55963141	0.55446	0.81603	0.31746	1.11344
0.90251624	0.42714779	1.0201535	0.33807748	1.05692157	0.43273	0.98132	0.36161	1.09028
1.86292209	4.49541E-05	2.20209026	0.00075297	2.98237134	0.0255	1.59806	0.00043	3.13013
0.85296646	0.470235997	1.05649653	0.42695006	0.89633846	0.28946	1.54516	0.59287	0.66411
1.35267014	0.105431313	1.43310265	0.49217779	0.87672531	0.24983	1.32774	0.0871	1.4887
1.16714584	0.076829256	1.35692518	0.10952905	1.426359	0.02702	1.65797	0.83059	0.6432
1.60532279	0.240752419	1.2984585	0.53248287	0.79281184	0.14288	1.46032	0.46025	0.9412
0.8404097	0.427385637	1.00577609	0.61170632	0.72721294	0.54668	0.83787	0.39935	1.00596
2.50070189	0.002377105	1.89119667	0.01959049	2.03404572	0.0436	1.56586	0.00921	3.03287
0.98460282	0.631510501	0.9489151	0.76060127	0.70014115	0.31727	1.08115	0.94318	0.53252
	0.452107523	1.158561	0.74114657	0.43802063			0.21001	2.49222
1.78588277	0.372767851	1.38653738	0.59513144	0.62289693	0.66779	0.56985	0.12812	3.73009
1.18339636	0.386354137	1.13592484	0.60576822	0.72319875	0.30881	1.19933	0.55327	0.76718
0.81798297	0.418360399	1.08125321	0.66715072	0.65181677	0.28224	1.19758	0.66384	0.66734
1.65138201	0.24416507	1.22940167	0.04562969	1.77226407	0.03786	2.87601	0.97613	0.41967
0.90936697	0.231871899	1.1028803	0.28749973	1.07032688	0.12596	1.39317	0.60946	0.84849
0.79783987	0.66982523	0.76660736	0.59509534	0.77573004	0.54009	0.66074	0.65813	0.766
1.5255252	0.337941326	1.3272107	0.46996853	0.79261518	0.28971	1.35962	0.48154	0.81227
1.7841868	0.683692047	0.81167536	0.9156869	0.39784135	0.87596	0.45345	0.04532	3.28118
	0.519511413	0.68722356					0.50982	0.68722
2.19939639	0.394887003	1.04412822	0.96631942	0.49592043	0.34977	1.06188	0.10177	1.3774
0.75024331	0.701311805	0.96545513	0.77191291	0.70494022	0.43205	0.98959	0.98612	0.40709
	0.911952444	0.21272304	0.93975743	0.21272304				
	0.514863334	0.99928357	0.45798806	0.88167322	0.10529	1.65322	0.41582	0.98596
0.58897105	0.429899948	1.10279473	0.58327071	0.62852893	0.38841	1.12494		
3.55357421	0.384788717	1.04781721	0.32232594	1.06537909	0.10515	1.66824	0.92122	0.55555
1.11378299	0.5435391	0.98649128	0.75623914	0.67578532	0.82974	0.7173	0.29615	1.09094
0.92088247	0.767423874	0.69263669	0.52011297	0.80253111	0.69598	0.69236	0.73984	0.69104
	0.110040875	29.6571632					0.0708	29.6572
1.35461673	0.00192566	1.89225227	0.00841791	2.71654324	0.12683	1.34343	0.00195	2.76106
0.80438282	0.49768826	1.0159056	0.80324806	0.34728779	0.32204	1.23447	0.59894	0.75723
1.60625596	0.314809243	1.06147121	0.62053423	0.8133864	0.33456	1.05817	0.30786	1.08142
	0.391970345	1.06962383	0.63631117	0.6470792	0.39545	1.05541	0.30433	1.37115
	0.600619527	0.95178407	0.70597908	0.69957196	0.88612	0.65796	0.25205	1.1686
1.00279634	0.490485471	1.01267781	0.77534246	0.64093575	0.91672	0.59804	0.07128	1.50017
	0.548308925	0.94340091	0.84374622	0.37624366	0.67242	0.66995	0.1136	2.98006
	0.2936768	1.4865902	0.50580361	0.80126144	0.30631	1.36973	0.2651	3.50909
1.10209881	0.32475643	1.05780888	0.83731594	0.65430735	0.34716	1.04663	0.16147	1.2379
	0.554917941	0.81590724	0.45167975	0.81808776			0.48237	0.79466
	0.303363994	1.60233952	0.47466814	0.78656775			0.25421	1.64864
	0.383529786	1.08830506	0.55513233	0.72979423	0.47651	0.87083	0.34353	1.09481
1.66001046	0.496323692	1.00918551	0.58815099	0.81877268	0.22617	1.20999	0.84942	0.65289
1.63883347	0.301330246	1.28321662	0.58322615	0.75214361	0.21794	1.38246	0.54448	0.81884
0.43927401	0.70452828	0.90674143	0.8354788	0.65492966	0.22775	1.1636	0.96671	0.51471
1.23159949	0.474900708	1.0846502	0.51677659	0.76263744	0.23594	2.12603	0.72901	0.50209
	0.205237235	1.58254921			0.23093	2.76813	0.30323	1.39837
	0.391865128	1.19562276					0.36153	1.19562
0.74916363	0.961473323	0.64874367	0.65327497	0.80656534	0.88551	0.69189	0.95852	0.54543
	0.517036587	0.98891606			0.43044	0.95188	0.33495	1.47369
	0.413890457	1.21154429					0.38679	1.21154
1.04079148	0.455323731	1.03569183	0.711951	0.68209807	0.15934	1.29926	0.83185	0.65838
1.33716797	0.577552868	0.89033791	0.52871783	0.87420775	0.57191	0.88861	0.48657	0.93088
1.06960556	0.236072166	1.23790258	0.55908156	0.78993521	0.58823	0.86195	0.14287	1.32786
1.49081633	0.501935048	1.00330527	0.82571071	0.53582719	0.33422	1.07584	0.43685	0.97168
0.99276815	0.657385766	0.93339435	0.65531183	0.79364631	0.30291	1.09642	0.97377	0.47415
	0.374601617	1.24895016	0.54197292	0.75428476			0.33066	1.27659
0.78526693	0.429040153	1.06579002	0.81514013	0.60168899	0.09634	1.5981	0.72093	0.73513
1.10791474	0.723584814	0.78278588	0.54954165	0.75541098	0.784	0.67372	0.46077	0.94618
	0.094689469	1.53078543	0.24686681	1.33528667	0.1536	1.48023	0.08569	3.43337

0.8419941	0.663699643	0.9100512	0.6257598	0.79648756	0.26295	1.17084	0.96369	0.47817
0.84324111	0.546035527	0.97456442			0.33958	1.05342	0.96522	0.52558
	0.636923	0.80585112	0.71514371	0.43383694			0.43252	0.89993
	0.211502539	2.13983319	0.44858816	0.81963725			0.11411	2.99126
	0.308112908	1.64214884	0.5461443	0.68929424	0.45586	0.67	0.23748	1.83329
1.20931943	0.677096113	0.89614048	0.97544947	0.51363252	0.11195	1.4672	0.59527	0.85839
1.13620016	0.46889497	1.00572487	0.7573718	0.71978442	0.76095	0.77619	0.38693	1.01347
	0.478843461	1.01153432	0.38188877	0.96207809	0.35472	1.19194	0.10837	1.92443
	0.559373982	0.9071295	0.72696382	0.61307166			0.24591	2.41098
0.87350668	0.617936113	0.99061273	0.37340308	0.99047926	0.65014	0.76402	0.33224	1.32715
1.22567133	0.261673312	1.21929911	0.19981938	1.3159288	0.75822	0.68274	0.1408	1.92111
	0.137646817	1.61646627	0.17408098	1.53126607	0.52542	0.86485	0.16041	1.89445
1.07041404	0.000535465	1.7908096	0.0005492	2.70322582	0.07677	1.3673	0.00843	1.96876
	0.576511964	0.97216391	0.28512895	3.40266509	0.41925	0.97033	0.58589	0.79838
	0.994040942	0.32895239	0.26733223	6.99111662			0.9987	0.31415
1.08768455	0.634911889	0.98711759	0.37316081	0.9887358	0.70399	0.69066	0.63858	0.81835
	0.558406496	0.99541961	0.02151173	3.75007031			0.40449	0.99206
1.6289502	0.375377946	1.53267424			0.49517	0.69738	0.38679	1.53571
1.09373603	0.596759386	0.99564338	0.36944146	0.99428439	0.52957	0.839	0.08985	1.47914
0.92548797	0.188097405	1.22001349	0.28416468	1.12698009	0.51816	0.88079	0.1073	1.65728
1.19097184	0.291221272	1.09739014	0.30521498	1.09106642	0.17747	1.27434	0.77491	0.69626
2.16211091	0.584720207	0.98864559	0.37771657	0.98339117	0.66088	0.79286	0.27348	1.16532
1.8924129	0.433786943	1.00162303	0.13779149	1.93434699	0.4167	1.0015	0.28053	1.61508
	0.03932382	3.14642924	0.01957085	3.4785236			0.29755	1.98795
2.00164955	0.029712545	1.45496861	0.01647631	1.7253403	0.26263	1.55903	0.16639	1.25325
0.85937089	0.317512987	1.01937146	0.34666191	1.0132327	0.23371	1.21664	0.25378	1.13129
1.71245813	0.247374039	1.2809819	0.08315378	1.65138854	0.6719	0.71349	0.6209	0.80261
1.02551635	0.564094426	0.96119944	0.19785187	1.31629079	0.90726	0.58146	0.51183	0.90985
1.61823244	0.141675241	1.22166317	0.05945297	1.6588292	0.34358	1.09406	0.25306	1.1865
	0.373650844	1.08056194			0.40296	1.08349	0.38845	1.07861
	0.274614926	2.47403607					0.23129	2.47404
	0.405999644	1.1071771					0.37772	1.10718
1.31985755	0.010200158	2.13410588			0.03241	1.65503	0.00053	3.58561
	0.153342439	2.6053865	0.10922087	2.6053865				
0.98643896	0.918754363	0.66964714	0.66341784	0.78570938	0.61138	0.88034	0.9628	0.53252
0.89127548	0.500591803	1.00474706	0.26084978	1.18366362	0.75143	0.712	0.42973	0.96479
1.04067069	0.359027049	1.13551989	0.22547173	1.25097468	0.75997	0.56173	0.58194	0.32357
2.58553349	0.231958583	1.22315656	0.26275337	1.24896669	0.58906	0.51879	0.2558	1.21567
	0.350339708	1.0476926	0.03499627	4.10235243			0.39705	1.02568
1.33500558	0.052814772	3.02288591	0.01314045	4.06760024	0.58504	0.73389	0.48966	0.89158
	0.571511576	0.93618741			0.39002	1.72868	0.41698	0.89626
	0.407114825	1.2083731					0.379	1.20837
	0.314849566	1.54557799					0.27499	1.54558
	0.689303475	0.71750172			0.63141	0.68998	0.64006	0.73467
1.40285959	2.01189E-08	3.75404848	2.3954E-05	4.57333635	1.3E-06	6.34744	0.00311	2.34893
0.97699688	0.990497786	0.58978804	0.90441389	0.62384925	0.93476	0.62965	0.97126	0.51301
3.01881398	0.310478702	1.05674989	0.29086621	1.05813994	0.93959	0.64173	0.04241	1.5431
0.92427483	0.434266668	1.04486246	0.16817565	1.4847629	0.36371	1.08769	0.91643	0.48168
	0.024938903	8.24532725	0.0098794	8.24532725				
1.27307104	0.272404712	1.08458701	0.24588012	1.11692552	0.64184	0.85667	0.2959	1.08916
0.64978987	0.308743261	1.90742687			0.00891	1.96296	0.46556	0.88009
1.16583225	0.638002968	0.72762807			0.49693	0.94774	0.60869	0.72213
1.2227469	0.365689998	1.00829242	0.35972161	1.00686636	0.21488	1.3022	0.30204	1.17118
0.86667273	0.356584928	1.09770893	0.257404	1.15059351	0.64701	0.7709	0.56665	0.84954
0.8970377	0.827300293	0.86793797	0.29570077	1.08538065	0.85127	0.7122	0.99992	0.18742
1.04039025	0.517259007	0.99673022	0.31729633	1.32941365	0.44063	0.97166	0.5759	0.72909
2.57075604	0.338288343	1.06919251	0.28088044	1.13730614	0.71485	0.75479	0.33349	1.07395
	0.013421032	2.57778779	0.00189266	3.97844729			0.25142	1.44602
	0.001557139	9.07802753	0.00035287	9.15692472			0.19185	8.07988
1.27918527	0.947423365	0.52764966			0.57641	0.87501	0.96638	0.41204
	0.12127111	3.59691167					0.08041	3.59691
0.74066156	0.38116198	1.04529034	0.3239488	1.05651695	0.51296	0.77293	0.44068	0.94654
	0.099779399	2.9487807	0.06408777	3.06520987			0.39044	1.95158
1.13117306	0.674735727	0.53196656			0.97109	0.52198	0.52515	0.89313
0.96728196	0.991056811	0.47437871			0.93611	0.57841	0.99428	0.37807
	0.416841585	1.29820847					0.39019	1.29821
0.52554732	0.003022203	2.35951473			0.00056	3.92074	0.11153	1.57651
0.86061025	0.389677107	1.02298063	0.3475549	1.02509049	0.53917	0.89766	0.61659	0.78914
0.82420784	0.43937084	1.05255974	0.49058959	0.89292426	0.15447	1.34413	0.87551	0.60238
1.16897877	0.441838911	1.04184185	0.50700976	0.85311549	0.8519	0.70782	0.14565	1.30553
0.94994174	0.007137183	1.70248893	0.05378392	1.78230813	0.00525	2.41366	0.14273	1.33588
	0.585553641	0.942512					0.41272	0.94251
1.17407985	0.380635148	1.11799316	0.50023561	0.85114042	0.89013	0.51947	0.10686	1.52658
	3.12938E-05	5.48813379	0.01697066	4.11559253	0.00747	4.40065	0.00018	8.61827
1.35177943	0.3986178	1.05328225	0.30177108	1.08790711	0.69904	0.74438	0.60547	0.582
	0.445056339	1.0239296	0.29274944	1.08690206	0.9442	0.48586	0.36551	1.07977
1.13386021	0.865447519	0.74949423	0.60709132	0.82113426	0.81874	0.75182	0.8007	0.72808
	0.409954778	2.89459472			0.07508	2.97517	0.48876	0.86818
	0.306645441	1.62005189					0.26598	1.62005
0.45248926	0.570221664	0.99757426	0.30523186	1.13034179	0.41901	0.99716	0.49977	0.81417
0.79145065	0.169137845	1.33483082	0.12100393	1.66396169	0.47453	0.92837	0.26479	1.22025
1.24828102	0.151907895	1.52798966	0.15805551	1.58740792	0.50166	0.8258	0.23067	1.45791
	0.114591583	1.34973342	0.01805752	2.66978717	0.3476	1.19301	0.3333	1.12376
	0.694664373	0.86552629	0.05595488	3.12368432	0.39636	1.0874	0.99758	0.22001
0.93702969	0.639555326	0.98482433	0.37745591	0.98740592	0.30933	1.1053	0.97163	0.4485
	0.544331904	0.96546739	0.35031044	2.58581507	0.44335	0.94928	0.44762	0.62991
	0.017232726	1.92609685	0.34098256	3.81128978	0.01834	2.28461	0.0706	1.67247
1.30877971	0.342462122	1.06047198			0.52268	0.73236	0.3589	1.06082
1.03590861	0.60536467	0.92219764			0.35896	1.13012	0.82187	0.68608
0.809428	0.640033827	0.90207958			0.19525	1.23257	0.98791	0.42833
0.95896111	0.59848812	0.98856452	0.55738423	0.75304075	0.42537	0.99166	0.7815	0.67829
	0.344479294	1.80086388			0.47753	0.73234	0.34323	1.95267
1.16690732	0.346829487	1.13986368	0.64138431	0.7079305	0.19095	1.34084	0.43079	0.91911
1.03396454	0.366842327	1.02511391	0.35090935	1.02242116	0.52076	0.70504	0.33385	1.22672
	0.098913169	2.28692104	0.02750993	5.63054609			0.30966	1.39349
1.01230818	0.395440998	1.00015536	0.3649759	1.00015619	0.82243	0.65708	0.86132	0.55564
	0.062544869	6.4308952	0.03361101	6.4308952				
	0.083800712	2.16912085	0.03905575	2.37882676			0.45896	0.85095
0.89074937	0.952061653	0.61724166			0.57437	0.90234	0.96457	0.52603
0.99176451	0.329564671	1.16907907			0.08965	1.39186	0.7867	0.73452
0.97318418	0.482552694	1.01228589	0.84722201	0.59380423	0.60664	0.84196	0.31869	1.0764
1.18355749	0.795414679	0.67442201	0.82202141	0.6271899	0.6142	0.78989	0.5298	0.84553
1.3598886	0.144236928	1.43728034	0.47982867	0.89873091	0.63973	0.82399	0.03999	1.80752
0.95049063	0.174497167	1.13198192	0.30273051	1.06914896	0.19332	1.24815	0.15265	1.43084
0.79246336	0.948471381	0.66746335	0.69178864	0.77256123	0.85964	0.71215	0.94021	0.57085
	0.108214732	1.74301373	0.00667069	9.13764763			0.31268	1.22354
1.10444615	0.812079898	0.67681304			0.56351	0.7635	0.76851	0.66823
	0.26943578	2.32589571					0.22575	2.3259
0.88413556	0.594434714	0.86420913			0.5966	0.85447	0.56041	0.88086
	0.290079375	2.0965151	0.48797295	0.73923014			0.24562	2.1227
1.00383276	0.462219569	1.00857427	0.74522595	0.68362045	0.40016	1.01528	0.65475	0.78389
0.75398978	0.912695774	0.67173524	0.62170367	0.83396958	0.63694	0.84135	0.95419	0.557
	0.148086099	5.43293167					0.10437	5.43293

	0.178183818	1.22013587	0.07869619	1.57193865	0.42855	0.9459	0.23575	1.24156
	0.177731506	1.92658146	0.01474694	4.9011896			0.85836	0.34544
	0.033595632	2.15636851	0.00962836	2.39367209			0.45489	0.88381
	0.513969047	0.72392163					0.50332	0.72392
	0.313092231	1.6041572					0.27306	1.60416
1.23170958	0.560601651	0.98062835			0.89531	0.62969	0.30324	1.10254
0.89266243	0.441378193	1.04770471	0.65512811	0.70111477	0.37411	1.07839	0.48785	0.90906
1.35964564	0.278139559	1.16144021	0.13121444	1.47359278	0.22549	1.26589	0.84046	0.632
	0.026844729	4.14649991	0.02488926	4.74089877			0.11143	3.35966
	0.266048328	1.15434851	0.11998215	1.46409207	0.81048	0.6741	0.2586	1.18952
	0.184336196	1.40103793	0.0552273	1.94576511	0.4861	0.88025	0.44062	0.93238
1.28596651	0.424760336	1.06395732	0.12968042	1.62419429	0.77251	0.56815	0.42566	0.94181
0.80756626	0.742217536	0.80869334			0.43385	0.96427	0.97904	0.43272
1.10159196	0.508840105	1.00160633	0.81135319	0.61306753	0.69723	0.78785	0.19082	1.32225
	0.321365345	1.19102223	0.59704678	0.66628029	0.40014	1.08838	0.15182	2.26636
	0.085233354	5.33596235					0.0506	5.33596
0.82925825	0.238664404	1.42153497	0.15952085	1.53224864	0.60013	0.72106	0.50158	0.88088
1.54193392	0.405489133	1.01593116	0.35003928	1.01976981	0.63875	0.78191	0.69369	0.74431
2.1409886	0.505108209	1.00104645	0.07194219	1.50290531	0.69131	0.81246	0.40973	0.98617
	0.172337654	1.66374965	0.12579006	1.7971246	0.36688	1.37679	0.41747	0.42447
	0.020312052	4.72999422	0.00750629	4.72999422				
1.23452637	0.491734816	1.00535885			0.41551	1.00437	0.36188	1.04797
0.72296047	0.610688129	0.6632929					0.61666	0.66329
2.45391454	0.000258363	2.6356485	0.07382689	1.81485705	0.00124	3.07469	0.00451	3.31029
0.49066207	0.351662031	1.22114333	0.60431489	0.69939538	0.54471	0.79494	0.26495	1.32575
0.83318052	0.392098084	1.00132894	0.36439844	1.00130307	0.40382	1.05288	0.35234	1.22214
	0.440766152	1.16393886	0.43523972	0.85825333	0.25559	2.28594	0.58253	0.51198
	0.254539182	1.43293803	0.55923848	0.70927626	0.31383	1.3252	0.2241	1.74099
	0.359144826	1.48258597					0.32437	1.48259
	0.231780057	1.41357268	0.08580389	2.3178836	0.2729	1.43884	0.79809	0.47207
0.9931039	0.886742294	0.68026338			0.65015	0.81148	0.88795	0.61978
1.47198654	0.919987188	0.64004016			0.66697	0.74801	0.89899	0.6072
1.14198293	0.932731154	0.69467871	0.67985697	0.79163444	0.90767	0.67103	0.84929	0.68144
1.41040028	0.431141631	1.05115184	0.46428916	0.84912614	0.63431	0.73292	0.36758	1.07687
	0.381347892	1.4114145	0.5065145	0.73929625	0.60847	0.59558	0.27801	1.81618
1.41557387	0.693232649	0.94326527	0.57434128	0.79143012	0.88671	0.63627	0.41491	0.9768
0.68810787	0.746855586	0.91173928	0.26340544	1.09295212	0.9848	0.42775	0.96173	0.53482
1.55928884	0.132732087	1.51136177	0.09015962	1.79324714	0.29087	1.27238		
1.45173994	0.6473395	0.88973745	0.97694578	0.35754936	0.30207	1.21627	0.20036	1.95571
0.97584417	0.90992289	0.59159377	0.71546546	0.67540472	0.80809	0.61553	0.87956	0.52218
	0.083875704	4.23325631	0.04953606	4.23325631				
	0.143614969	1.25313751	0.05791778	1.84954622	0.34968	1.10742	0.29859	1.17018
0.98793747	0.621349062	0.95766732	0.64168263	0.76601108	0.34543	1.05836	0.9653	0.50333
0.97324885	0.633812863	0.98376125	0.3776116	0.98616646	0.73168	0.73337	0.53771	0.87018
1.15351592	0.775475947	0.70808376			0.8384	0.6762	0.66871	0.77934
	0.283071311	1.12892073	0.33446681	1.07917485			0.13204	2.08233
	0.263328822	1.91880322	0.50792952	0.71089291	0.46052	0.85933	0.15969	2.731
0.99056815	0.398611926	1.02302108	0.49613511	0.79694066	0.41206	1.02079	0.40067	1.02568
	0.044691812	4.11370274	0.02151388	4.11370274				
	0.203703071	1.17620198			0.01544	2.81552	0.43713	0.96446
	0.22570599	1.27269004	0.2355413	1.25670091	0.29248	2.05069	0.34504	1.22439
0.84103477	0.429163583	1.00502297	0.59321283	0.78041511	0.66939	0.64186	0.39911	1.00531
1.33855999	0.772038855	0.75252893	0.70718267	0.63393084	0.67741	0.82034	0.70991	0.67044
1.87798173	0.381801347	1.02383889	0.38451936	0.98035225	0.31778	1.07877	0.00587	2.2861
	0.458851875	1.10060423	0.62769193	0.50259631			0.39682	1.18603
0.92644684	0.33588559	1.11396534	0.54943225	0.83907148	0.54594	0.8844	0.27878	1.13108
1.32169769	0.004102262	1.93140554			0.4758	0.9637	0.0028	2.27915
0.61601389	0.663591123	0.83049268			0.46412	0.95792	0.75267	0.67832
2.03620567	1.03555E-05	3.03052159			3.2E-05	3.4511	0.00088	2.65551
	0.14651655	3.34127032					0.10293	3.34127
	0.431048211	1.03874962	0.44259681	0.8955117	0.3925	1.04592		
1.84250909	0.094155185	1.45943426	0.18075011	1.34625049	0.07205	2.80274	0.24403	1.32981
	0.444038648	1.02601869	0.65741568	0.61562282	0.40205	1.03298	0.55394	0.60342
1.11607129	0.135628346	1.2505575	0.24694844	1.1323413	0.22501	1.79905	0.03792	2.78251
1.47512828	0.595905719	0.78692318	0.43367298	0.55448321	0.58724	0.76188	0.47464	0.90027
	0.531114971	0.34712792					0.52343	0.34713
0.78778979	0.306435305	1.18653688	0.1528587	1.37447828	0.71951	0.7154	0.49927	0.72376
0.74268435	0.073446214	1.40108301	0.04566064	1.52448404	0.63821	0.85055	0.10886	1.68433
0.93805154	0.910678227	0.36279574	0.47298635	0.78514174	0.72188	0.55132	0.94024	0.25014
	0.643631423	0.83371663	0.73112332	0.52519845	0.51595	0.75889	0.44365	0.93049
1.38160161	0.62137438	0.87768594	0.65267548	0.56752049	0.43345	0.92427	0.43098	0.86193
1.36866756	0.313735989	1.09641641	0.30911497	1.08300065	0.51992	0.91935	0.3204	1.29392
0.94724972	0.695698068	0.79585413	0.76230035	0.61723156	0.53174	0.88994	0.43654	0.91838
0.89002061	0.559666035	0.8462922	0.50631021	0.80024749	0.45484	0.86351	0.53711	0.77494
	0.992977634	0.12637593	0.99991351	0.03426471			0.37104	1.50255
1.04561306	0.594520543	0.8947908	0.41071148	0.89588805	0.53672	0.81306	0.4747	0.91773
	0.558701472	0.2894716					0.5558	0.28947
	0.5630808	0.86501542	0.43906095	0.86501542				
0.68025739	0.696241827	0.73928554	0.69240401	0.70668775	0.59461	0.80439	0.43463	0.71672
1.35958626	0.669219885	0.46818765	0.53091842	0.67301016	0.69722	0.36313	0.53178	0.77932
	0.695251932	0.43492354	0.70440024	0.43676253			0.4292	0.41674
1.47844622	0.386828659	1.10450011			0.5035	0.81125	0.39679	1.10459
	0.582949736	0.93766733					0.41577	0.93767
0.9559837	0.579549911	0.87568345			0.54814	0.83376	0.45102	0.89218
	0.215502278	1.23561113	0.31383738	1.23010724	0.23725	1.2529	0.33951	1.20661
0.96175853	0.427720066	1.05595467	0.64557916	0.6065022	0.55836	0.56783	0.37401	1.07481
1.01206353	0.627959437	0.67092179	0.61327247	0.6615524	0.42177	0.67262	0.51674	0.79981
1.15381058	0.467863528	1.01967932	0.60393153	0.77558865	0.41722	1.03325	0.60656	0.72908
1.18010772	0.637769478	0.86158238	0.54615731	0.78298235	0.7113	0.61719	0.45124	0.94648
0.67102621	0.614464423	0.71826912	0.5960302	0.69861862	0.5691	0.75447	0.53624	0.57254
1.02445499	0.697077214	0.69887697	0.46570423	0.89400488	0.71733	0.62099	0.58562	0.73707
	0.311712879	1.17218486	0.45006121	0.83163541	0.34794	1.12125	0.24866	1.53292
0.93920412	0.727069583	0.71784429	0.54796316	0.75541098	0.70985	0.71948	0.64394	0.70794
	0.599318812	0.31804515					0.60338	0.31805
	0.451276147	1.08586027	0.74952004	0.41513903	0.49155	0.67025	0.32732	1.25107
1.03430595	0.077544622	1.34183678	0.22122755	1.3511189	0.06299	1.59056	0.2411	1.19207
	0.580332146	0.87462595					0.41884	0.87463
	0.46428254	1.58863657			0.28325	1.63259	0.46817	0.68429
0.60164106	0.378771938	1.1237807	0.23250143	1.26228853	0.66684	0.59824	0.73686	0.50989
1.31776959	0.771401899	0.64712454	0.58777789	0.6476037	0.61919	0.74094	0.77853	0.61117

	0.309898595	1.8235445					0.26955	1.82354
	0.510555269	1.00059274			0.4301	0.97125	0.29849	1.29318
0.8309087	0.803688114	0.606584	0.55242713	0.74526618	0.81807	0.60554	0.63012	0.53402
0.76313454	0.671520725	0.75304887	0.43865415	0.89027466	0.71969	0.5854	0.49532	0.89746
0.82655227	0.216874154	1.1845517	0.05494201	1.53528265	0.17471	1.33762	0.91239	0.60374
0.86041508	0.882565263	0.63543378	0.6103489	0.77224107	0.91192	0.5992	0.58608	0.78836
0.73549623	0.694921492	0.56331049	0.71142378	0.49719793	0.53026	0.48265	0.57214	0.72544
0.94248564	0.32488267	1.17842033	0.50006179	0.8783586	0.22218	1.26963	0.62854	0.78844
0.45242213	0.9856025	0.60838487	0.84979576	0.68113575	0.95285	0.61421	0.95129	0.53088
0.72762857	0.739031002	0.74948463	0.63661386	0.63890753	0.75788	0.67981	0.4356	0.89864
1.03831607	0.648036256	0.67179457	0.6654648	0.62112062	0.52705	0.8589	0.52106	0.82055
	0.434931361	1.02244701			0.41109	1.02245		
	0.581360543	0.99810507	0.55064582	0.72319875	0.41837	0.99812	0.61664	0.57313
	0.44492939	1.07613579	0.54877878	0.62028326	0.36779	1.16012	0.43593	0.88755
	0.417451396	1.50372429			0.48406	0.82748	0.40081	1.68762
1.50811497	0.696323478	0.95695845	0.81574906	0.56681875	0.90255	0.60407	0.41776	0.98364
1.10139699	0.035573037	1.3651968	0.05577779	1.48898869	0.08407	1.36462	0.2489	1.21657
0.68089303	0.765358845	0.65005981	0.63221283	0.73587266	0.47869	0.93888	0.80947	0.506
1.09594858	0.80314693	0.84001263	0.91201769	0.58112007	0.96878	0.56231	0.14056	1.33296
1.08485052	0.620111119	0.95343225	0.69371699	0.73459922	0.92483	0.61645	0.31315	1.08568
0.73764389	0.609418051	0.93945134	0.3899106	0.94195313	0.49105	0.86105	0.42307	0.54837
0.88568348	0.003026394	1.663498	0.01011304	1.88501925	0.01185	1.73128	0.18213	1.32544
	0.608067406	0.82646052	0.88306326	0.28384734			0.28051	1.63424
1.38051567	0.002889937	1.95753033	0.01784576	1.80978205	0.00498	2.18152	0.44815	0.75121
1.05973998	0.353357016	1.03566737	0.33877807	1.03251923	0.71104	0.78884	0.21276	1.31708
1.31047011	0.732767084	0.91182948	0.79113203	0.65531528	0.97741	0.54776	0.32267	1.07361
	0.608628737	0.91929809	0.38574688	0.91929809				
0.70562243	0.660860816	0.91164483	0.60177337	0.82573194	0.41957	0.95469	0.71401	0.72335
0.83527916	0.421804198	1.06707529	0.54075821	0.64791502	0.39315	1.06911	0.49047	0.81211
0.86909572	0.125266544	1.22523977	0.2010412	1.15395878	0.01858	2.03886	0.81539	0.61047
	0.21789354	1.76091136	0.52845399	0.68440742	0.56454	0.82077	0.1155	2.29303
1.07462154	0.858883889	0.75793451	0.68252288	0.78549902	0.95612	0.59978	0.28776	1.29861
1.04209159	0.269300188	1.36248791	0.48674713	0.86582565	0.18606	1.47022	0.62238	0.64815
0.90060145	0.558404577	0.91278265	0.55564877	0.79302683	0.51265	0.91898	0.46561	0.9382
0.94677306	0.608766573	0.9671785	0.52726397	0.69835175	0.67963	0.70572	0.41281	0.97473
1.29929658	0.659688006	0.70193121	0.59311806	0.70645088	0.63697	0.69737	0.43841	0.71277
0.71928036	0.249863	1.23882847	0.54063972	0.78208671	0.18479	1.27057	0.57893	0.76992
0.7811362	0.775791175	0.88113058	0.2190091	1.13929719	0.99941	0.36268	0.51331	0.90444
1.27764844	0.071825246	1.62357255	0.08439232	1.58303347	0.18599	2.74521	0.22097	1.5339
0.73156522	0.472143638	1.02452858	0.90410989	0.6369109	0.04987	1.67469	0.68407	0.78244
0.99051936	0.33094708	1.07882904	0.65590676	0.71557609	0.26463	1.15695	0.38221	1.05478
1.20334338	0.170480542	1.20560947	0.10017636	1.37563195	0.18155	1.23212	0.89646	0.45959
1.15021418	0.681810646	0.55071366	0.63229582	0.58765073	0.65249	0.51543	0.53577	0.40134
0.80784976	0.276540508	1.20692309	0.62192022	0.78848179	0.58174	0.87505	0.14148	1.38474
0.61330933	0.625292673	0.67750628	0.6231674	0.65015279	0.45863	0.54972	0.45384	0.77566
2.10544098	0.363082245	1.24271751	0.79444924	0.50450112	0.59031	0.6619	0.09685	2.30989
1.16851697	0.906967724	0.69445426	0.75857057	0.73517172	0.91306	0.66372	0.57518	0.83452
	0.447138021	1.46854769			0.46733	0.87179	0.25137	6.90578
0.82177694	0.594061204	0.93675386	0.40551694	0.93826518	0.47691	0.83343	0.53451	0.54027
0.80407061	0.528539879	0.97713106	0.57610933	0.67203624	0.7739	0.60781	0.23502	1.59715
0.99919604	0.427702865	1.0020935	0.52345704	0.57578521	0.44365	0.59446	0.40258	1.0021
	0.888751859	0.47408372			0.91878	0.47408		
0.85241819	0.464591194	1.06795713	0.55989648	0.78516061	0.81633	0.3605	0.25443	1.44961
0.89320074	0.881697749	0.65951237	0.54903425	0.87099487	0.62408	0.86276	0.94373	0.49863
	0.367643134	1.12447035	0.29708822	1.17407015	0.44799	0.91821		
2.18791826	7.20457E-05	2.52944195	0.00378344	2.42214581	0.00076	2.57474	0.04214	2.69835
0.96065291	0.44428553	1.04160683	0.60175633	0.61470086	0.6467	0.58744	0.38775	1.06188
1.49568392	0.938079399	0.51335773	0.95410653	0.36535236	0.78651	0.63388	0.67343	0.66484
1.1734138	0.589611874	0.95477332	0.41274504	0.95657858	0.53753	0.88756	0.5172	0.18413
0.67093163	0.587767554	0.77515974	0.55436984	0.69861434	0.48649	0.86837	0.42662	0.78644
1.19286233	0.588717422	0.90080238	0.46376613	0.86289575	0.71258	0.71987	0.34234	1.38464
0.80968361	0.849280344	0.69570073	0.79767877	0.64042502	0.65522	0.7985	0.78512	0.67033
0.79909854	0.572112463	0.78279365	0.55172378	0.77843958	0.48552	0.89488	0.44785	0.72461
1.33533335	0.219919182	1.18175073	0.47512125	0.89117823	0.25964	1.13083	0.16125	1.66285
1.3625163	1.96572E-05	3.31412295	2.2258E-06	6.09619899	0.00581	2.32183	0.33106	1.55723
	0.470326757	1.04136209	0.91817838	0.46557427	0.21854	1.54691	0.15835	1.94351
	0.424780998	1.22170693	0.62165753	0.50499001	0.57725	0.63347	0.31076	1.5596
1.15269469	0.3769799	1.10059727	0.30314747	1.13670035	0.61585	0.71797	0.41643	0.72983
	0.422001361	1.00828075	0.45083068	0.84402631	0.32877	1.35338	0.40278	1.00775
1.08863828	0.79224077	0.85659739	0.42626405	0.95641727	0.99668	0.38327	0.174	1.34497
0.92378947	0.615020388	0.99165874	0.3709648	0.99106584	0.28685	1.26479	0.42983	0.95837
1.29789566	0.198176735	1.22204474	0.2585607	1.72446289	0.06501	1.41384	0.81438	0.68735
	0.596142167	0.58779131	0.5996661	0.58779131				
0.9905789	0.429084228	1.05499133	0.56773023	0.3789027	0.65028	0.69583	0.36327	1.08287
0.88205618	0.770748376	0.89965039	0.21961017	1.12238147	0.99193	0.4789	0.93225	0.56742
0.76891413	0.001571201	1.69647687	4.5731E-05	3.88345764	0.0045	2.04591	0.31337	1.10907
	0.759723087	0.74583135	0.9868646	0.33366003	0.53181	0.89843	0.07044	2.45993
1.252528	0.810130452	0.50952195	0.83517845	0.40429573	0.66209	0.6612	0.50682	0.77078
1.001134	0.452916018	1.06682014	0.63046878	0.57619618	0.64351	0.63385	0.3488	1.17186
1.65639739	0.514439028	0.99757908	0.78432571	0.45637057	0.70848	0.67685	0.3364	1.12425
0.99898206	0.446322526	1.00463355	0.73738367	0.74239868	0.41014	1.00553	0.42027	0.73294
	0.324855223	1.51740577	0.49467892	0.7511966			0.28577	1.51867
0.84013556	0.63089924	0.94999589			0.64875	0.52554	0.41619	0.95813
0.68617151	0.421772164	1.0464691	0.41529805	0.84444982	0.54863	0.8711	0.36637	1.06283
	0.340258024	1.5229404			0.31437	1.27415	0.1181	3.92544
0.90637029	0.669034938	0.63586319	0.51564917	0.84172173	0.6834	0.62405	0.53017	0.70336
	0.612845516	0.55773985	0.4859635	0.76237383	0.58935	0.57761	0.58222	0.48795

	0.508610483	1.00240389	0.71363103	0.61341292	0.32221	1.2404	0.4348	0.91793
1.00295522	0.639993261	0.90824933	0.66661108	0.73657191	0.88037	0.64708	0.19816	1.38093
1.13585007	0.638592588	0.95344271	0.7537888	0.71401289	0.44511	0.98213	0.67919	0.70536
2.47897322	0.06053903	1.35563292	0.98531238	0.47967969	0.00917	1.82807	0.00905	1.93274
1.19291237	0.582490616	0.96761422	0.63701944	0.66393252	0.43421	0.97429	0.49027	0.81382
	0.550023899	0.90732438	0.73676422	0.4104042	0.57198	0.7298	0.28582	2.1425
0.42487335	0.402175484	1.05825507	0.54395282	0.8641003	0.30694	1.09484	0.81475	0.40323
1.01353713	0.117204576	1.31892058	0.18065864	1.23001484	0.1054	1.60006	0.52485	0.61746
0.79048975	0.612401537	0.86651765	0.82618863	0.65986302	0.88326	0.65002	0.36782	1.04248
	0.620005273	0.91890388			0.44149	0.81776	0.41798	0.92669
	0.692591412	0.67279687	0.7965433	0.31415654			0.43797	0.87888
0.82498423	0.538518632	0.99527387	0.38917176	0.98269654	0.11683	1.28126	0.84593	0.666
	0.987888619	0.07945237	0.99545025	0.07945237				
0.43421086	0.486111827	1.01616534	0.44218606	0.88944052	0.65763	0.74856	0.39757	1.06399
1.4895401	0.640235701	0.88313562	0.75307777	0.61321883	0.81384	0.65928	0.17766	1.6753
0.58147799	0.359012446	1.11119226	0.31464988	1.11863973	0.58376	0.51657	0.43562	0.51108
	0.807118517	0.5838077	0.83332429	0.5847566			0.42883	0.55069
0.47071017	0.171189453	1.17263048	0.09186714	1.35640704	0.47259	0.70743	0.33376	1.07804
0.82530563	0.40768002	1.04412933	0.32689634	1.06783773	0.6836	0.6464	0.40723	0.86084
	0.696776248	0.46123237	0.7159135	0.46080878			0.49184	0.61323
0.75575721	0.857726053	0.57521306	0.65697484	0.69305697	0.68479	0.67684	0.87143	0.46114
	0.13747145	2.15785206	0.49733824	0.73173632	0.08174	2.30952	0.58601	0.55816
	0.461743463	1.06324182	0.55559516	0.66849925	0.33318	1.22242	0.71457	0.54726
1.00388525	0.652707272	0.52752396	0.66536673	0.52765721			0.50678	0.28637
	0.521229728	0.52834454					0.48817	0.52834
1.18122609	0.569740218	0.95381065	0.56406402	0.75169319	0.45007	0.96576	0.58746	0.58957
0.68636687	0.985514577	0.40386323	0.74030839	0.67540472	0.55624	0.86205	0.99793	0.24535
0.74313254	0.449752944	1.05734526	0.43227194	0.85986239	0.3937	1.09307	0.42737	0.42126
1.07784871	0.173561328	1.32235686	0.11474712	1.56181463	0.35052	1.14277	0.39324	1.3209
	0.427774531	1.6191143					0.40281	1.61911
0.98200931	0.819910947	0.56051391	0.53725515	0.73853339	0.85273	0.54764	0.48304	0.87388
1.60206975	0.221289443	1.12211053	0.32504535	1.06571741	0.24957	1.22248	0.13429	1.82101
1.14617724	0.793290196	0.89488002	0.65609333	0.73250278	0.9822	0.4655	0.42732	0.97668
	0.547407204	0.41674367					0.54255	0.41674
	0.57674488	0.92788562	0.60812119	0.60243094	0.44473	0.94662	0.49102	0.82993
1.85289682	0.538372273	0.99200206	0.38565356	0.97018884	0.21557	1.34774	0.44973	0.82936
	0.397244093	1.25070324	0.50826306	0.72028885	0.6479	0.43834	0.31644	1.3941
0.92217735	0.574705237	0.7335747	0.55037712	0.77972034	0.50169	0.84232	0.55974	0.63388
1.17690013	0.233514128	1.15005012	0.10075372	1.30530131	0.81109	0.7538	0.20534	1.35419
1.44087389	0.701772281	0.66605405	0.61695509	0.58760636	0.68611	0.60904	0.59141	0.77508
0.71503286	0.740339024	0.87132347	0.66444563	0.71007508	0.89334	0.53594	0.43399	0.96518
0.96515667	0.899449304	0.54395874	0.67354738	0.69375069	0.91445	0.44835	0.70747	0.62709
	0.727267344	0.52049526	0.72317803	0.45175977			0.64027	0.60635
1.16995513	0.458346993	1.01517245	0.71181171	0.78752245	0.14359	1.27261	0.42137	0.97825
1.23020381	0.101495478	1.37055985	0.05084734	1.82812604	0.18449	1.29253	0.45686	0.94579
1.71846107	0.385704029	1.00498578	0.0523535	1.49962355	0.41374	1.00292	0.07325	1.50013
0.9013168	0.744176379	0.70568551	0.65483569	0.71824902	0.55619	0.86373	0.7425	0.63688
	0.639035099	0.3678748					0.64963	0.36787
1.05802519	0.615948535	0.78828874	0.59711251	0.75127096	0.58225	0.64208	0.45346	0.87527
1.00288861	0.811899819	0.56408396	0.69035987	0.61968388	0.81328	0.52206	0.46935	0.80369
	0.298533825	1.32915245	0.18241641	1.50940777			0.78231	0.29575
1.79195851	0.773109855	0.70247802	0.49096709	0.85882951	0.77439	0.6944	0.65031	0.72476
0.66991265	0.666834227	0.83727098	0.41518839	0.91549366	0.52136	0.83643	0.75396	0.51997
1.24695225	0.827543386	0.61853529	0.51927568	0.74098556	0.81819	0.56442	0.72823	0.67838
1.42301895	0.752284367	0.69498803	0.62790484	0.6741573	0.72994	0.678	0.63147	0.74179
1.14652486	0.593279961	0.99918873	0.5170197	0.87432712	0.70956	0.67797	0.40471	0.9992
1.91580065	0.738098288	0.75852865	0.70881246	0.65621495	0.4573	0.93834	0.74163	0.64176
1.16843162	0.585867035	0.98719542	0.37626876	0.98150045	0.26244	1.23394	0.64952	0.69538
0.74000996	0.884474944	0.51581597	0.57703116	0.80991377	0.4769	0.85766	0.92687	0.44922
	0.716613906	0.40207637	0.71194165	0.38613788			0.62233	0.44242
1.09614436	0.634011325	0.87179274	0.41320544	0.91332423	0.65695	0.51115	0.58552	0.80619
3.82854093	0.662043371	0.37937023					0.67623	0.37937
0.80983483	0.886199382	0.60943621	0.73590461	0.70435097	0.47137	0.94429	0.93703	0.40834
0.89365003	0.867525552	0.68749697	0.92272873	0.57526218	0.601	0.88243	0.43515	0.82701
	0.31436877	1.10382514	0.49203025	0.91445284	0.26974	1.10669	0.57923	0.57688
0.8306546	0.664190489	0.92732953	0.63642921	0.60050622	0.42673	0.96949	0.86841	0.43648
	0.565230969	0.5820123					0.56346	0.58201
	0.017334539	2.14515599	0.03241789	2.3032998			0.04356	2.02221
0.61019686	0.778046698	0.60857828	0.73543852	0.55073375	0.62695	0.7521	0.72508	0.46945
0.54017343	0.018636137	1.64736348	0.01922911	1.92693733	0.15294	1.4356	0.13527	1.53662
1.02638076	0.565433922	0.97414662	0.65849647	0.74424124	0.82253	0.6826	0.36893	1.06334
1.07424191	0.68052905	0.69500891	0.62551128	0.7242055	0.65367	0.58581	0.57112	0.7742
1.1974457	0.854396166	0.74400613	0.82976461	0.67398049	0.66119	0.84145	0.764	0.72373
0.78457273	0.563530041	0.98649388	0.30619174	1.04829443	0.73887	0.79526	0.9852	0.41734
1.27530873	0.470716693	1.03185398	0.4665762	0.90426815	0.6305	0.87053	0.31913	1.18215
1.49929484	0.394722216	1.00010668	0.36499695	1.00010652	0.37996	1.04587	0.41203	0.85722
0.83995941	0.492583913	1.00940466	0.91502315	0.62993742	0.04304	1.50883	0.84102	0.69762
0.73815383	0.801933371	0.61419811	0.59321685	0.66643703	0.82059	0.57828	0.60173	0.74219
0.95201793	0.811862456	0.62288217	0.73149144	0.64084199	0.60197	0.75112	0.78355	0.55362
	0.722122878	0.85986631	0.69818504	0.60955374	0.96466	0.50218	0.2325	1.24655
0.76754606	0.922132959	0.67554748	0.68845574	0.78814751	0.71724	0.78157	0.94595	0.55809
1.22605082	0.82022345	0.66727802	0.67204789	0.71101453	0.82884	0.64891	0.51505	0.88382
	0.558175015	0.7820352					0.44482	0.78204
0.67290404	0.584343318	0.98788914	0.63674924	0.63085883	0.42241	0.98905	0.58098	0.69777
	0.316134639	1.24847738	0.64425151	0.57578236	0.33881	1.31608	0.28296	1.31426
1.31271342	0.045359718	1.37446229	0.01669798	1.91337112	0.17176	1.24074	0.30368	1.1754
	0.411282956	1.12627863	0.62424107	0.62548596	0.34585	1.18035	0.49673	0.78024
0.52561194	0.658452667	0.65999541	0.62822932	0.66400482	0.61361	0.65428	0.46372	0.6622
	0.536230809	0.42363454					0.47057	0.42353
0.92033649	0.990752385	0.4511666	0.60943421	0.84199535	0.99855	0.3684	0.51757	0.91489
	0.963618099	0.22522979	0.94213924	0.21297748	0.95953	0.08154	0.4628	0.86418
1.01270127	0.42012795	1.04210792	0.70556055	0.74944419	0.47028	0.54436	0.32834	1.07378
0.79517383	0.795848162	0.65753018	0.7954424	0.53083073	0.694	0.73209	0.59372	0.74404
1.57610012	0.394780618	1.04914396	0.34080284	1.05893743			0.73097	0.43153
	0.517692405	0.64330608					0.50768	0.64331
	0.145444856	1.3288152	0.2579851	1.22050879	0.2129	1.35383	0.17361	1.82645
0.8564435	0.667821618	0.75238238	0.50830355	0.84774723	0.67283	0.76021	0.42724	0.58026
	0.512434032	0.99873899	0.85804594	0.26846955			0.38307	1.10811
0.92678678	0.623671137	0.94532155	0.48863575	0.91335825	0.25141	1.13326	0.9825	0.45176
2.61336972	0.232443514	1.32582563	0.27245373	1.24811177	0.21445	1.68151	0.55076	0.73528
	0.555630478	0.56079049					0.5522	0.56079
1.69661098	0.328979901	1.12658018	0.25583242	1.16146717	0.40969	1.29474	0.67094	0.68932
0.96628789	0.653063785	0.8538904	0.46021552	0.91205286	0.64937	0.84597	0.42797	0.82791

0.84093114	0.531846039	0.99178939	0.479999	0.92315222	0.30514	1.07735	0.92438	0.59011
	0.330907686	1.33265712	0.67507844	0.4732332	0.46022	0.89589	0.18339	1.78791
1.00025037	0.430783779	1.00912992	0.59220069	0.71489137	0.54927	0.71495	0.40316	1.00945
	0.589110175	0.78028915					0.40856	0.78029
	0.648424309	0.52823137	0.66051719	0.52783553			0.49628	0.73793
	0.517473957	0.52405147					0.49257	0.52405
0.89619556	0.481832725	1.00308832	0.72432126	0.67230598	0.4123	1.008	0.94736	0.40079
	0.930122727	0.19742675	0.9482603	0.18970445			0.68932	0.26173
0.9352843	0.833330468	0.67455774	0.85644947	0.6687193	0.61253	0.72724	0.48057	0.68419
1.18219964	0.48027795	1.03233197	0.72522286	0.71713778	0.58883	0.81778	0.20282	1.54647
1.19306381	0.627453797	0.98594209	0.61324568	0.76589196	0.89702	0.56724	0.41212	0.99097
	0.44261422	1.05850072	0.64440012	0.57365549	0.51032	0.79154	0.3908	1.08276
	0.995568727	0.0908914	0.9987996	0.09070808			0.49354	0.66857
0.94558066	0.760702638	0.73990676	0.76152474	0.62126631	0.67644	0.79682	0.44045	0.83785
1.05809967	0.769347085	0.61299964	0.66112048	0.60776208	0.69159	0.54501	0.70206	0.649
	0.558039458	0.87877169					0.44497	0.87877
1.24924049	0.721616312	0.53387871	0.69197163	0.52049262	0.66223	0.52777	0.53869	0.69931
0.73367375	0.447151647	1.0010297	0.67864836	0.7828485	0.41581	1.00116	0.96024	0.42009
	0.210245979	1.16223527	0.07176855	1.83426458	0.34118	1.07159	0.36706	1.33707
2.16565758	0.204017933	1.31815312	0.47056933	0.87141839	0.12184	1.60307	0.37979	1.12475
0.90493737	0.463761843	1.02053819	0.68675078	0.7748817	0.33602	1.06909	0.67322	0.77723
	0.778598347	0.78406961	0.66557503	0.70063707	0.9072	0.60458	0.33121	1.23347
1.0426918	0.611195597	0.9144347	0.74063893	0.55008387	0.82019	0.62705	0.27179	1.27881
1.20587503	0.583682267	0.96107602	0.72671395	0.75788803	0.88441	0.67098	0.17159	1.27153
0.76298516	0.540484913	0.99508871	0.83199683	0.59222789	0.95224	0.55647	0.38595	1.01698
1.26369144	0.598240131	0.93453697	0.70172068	0.474705	0.43749	0.95869	0.47642	0.87743
	0.424305174	1.0224085					0.3988	1.02241
1.50670161	0.507879778	1.00109386	0.76414626	0.60031465	0.39286	1.03257	0.75926	0.66324
	0.439935723	1.05251032	0.68941727	0.48261891	0.60978	0.64431	0.36556	1.08985
1.16172772	0.671285673	0.95541053	0.47385696	0.89769164	0.86588	0.65979	0.41517	0.97945
0.76823476	0.579158567	0.768383	0.46087796	0.81510185	0.42877	0.73931		
	0.228222333	1.31557239	0.65717351	0.66835272	0.24515	1.28899	0.16826	1.83509
5.01105926	3.28255E-05	3.46183473	0.00431269	4.10851702	0.00151	2.65739	0.00121	10.0498
0.72596925	0.868836846	0.63555448	0.89859926	0.58089464	0.65456	0.77653	0.52577	0.60322
	0.365496215	1.01103636	0.35598462	1.01398435			0.39988	1.00864
1.2278654	0.349987757	1.03506235	0.29567244	1.09662737	0.538	0.86182	0.38477	1.0232
0.97904505	0.436463924	1.03863418	0.46503946	0.91809321	0.72958	0.78395	0.28577	1.11648
1.40407893	0.372336736	1.04279223	0.33096312	1.04581868	0.51507	0.91223	0.46024	0.93728
0.78005257	0.364121769	1.17303325	0.37548501	0.71106765	0.27634	1.2578	0.43489	0.39535
1.21719208	0.129244402	1.2294068	0.22399652	1.14542588	0.49071	0.94778	0.08583	1.48997
0.89216527	0.725971189	0.6965352	0.5250163	0.81003498	0.7858	0.56286	0.4552	0.91099
1.16884616	0.595590232	0.93078585	0.37381385	0.42811197	0.83206	0.54727	0.40013	1.08539
0.65471657	0.61356954	0.78251469	0.60235235	0.79253412	0.49496	0.92267	0.43338	0.72928
0.82057782	0.594265235	0.99127078	0.60360969	0.67213265	0.57843	0.70868	0.40644	0.99162
	0.587698109	0.97582443					0.41021	0.97582
0.73625107	0.867633641	0.6566156	0.75836224	0.66982864	0.68904	0.76188	0.84953	0.5406
0.81257982	0.594187609	0.96044517	0.97033829	0.53436708	0.21586	1.15963	0.4922	0.93627
1.72035587	0.577277916	0.95124799	0.70934035	0.65306989	0.82572	0.71915	0.13422	1.59797
1.06254247	0.611905976	0.82235196	0.37589483	0.52945976	0.55259	0.80345	0.43262	0.87952
	0.756620459	0.35898403	0.78351181	0.35569621			0.51178	0.71411
1.07236727	0.484679953	1.00501	0.88364729	0.56478092	0.39529	1.01744	0.60828	0.81772
0.7906156	0.697004534	0.80037891	0.70792027	0.76908504	0.55041	0.91464	0.62022	0.5294
1.06254797	0.621872277	0.94096698	0.67676218	0.66761633	0.58405	0.82699	0.42054	0.96219
0.7230282	0.633909595	0.97034185	0.58688561	0.84423175	0.43699	0.98685	0.86459	0.5931
1.13338601	0.431122842	1.07796853	0.55809165	0.79681436	0.77725	0.69225	0.14373	1.59642
	0.514217993	0.99514255	0.81451964	0.31480455	0.52378	0.72174	0.34118	1.27624
	0.279744059	1.19657052	0.47993879	0.7685447	0.14201	2.09234	0.36149	1.1001
	0.571091417	0.80843031					0.42967	0.80843
1.08179785	0.356442619	1.12664484	0.58019576	0.81483654	0.49851	0.92415	0.29703	1.15215
	0.810262885	0.65404783	0.66889145	0.75802374	0.49532	0.9305	0.82968	0.57706
1.07843279	0.608473294	0.98981667	0.69558883	0.63604581	0.7383	0.64125	0.40607	0.99163
0.88604933	0.90792431	0.63664076	0.53403169	0.87366307	0.79679	0.71755	0.91688	0.52911
1.1924054	0.702846108	0.65075237	0.72161213	0.61113761	0.49841	0.84102	0.43466	0.78675
0.81888738	0.984077266	0.56155146	0.5408497	0.88285479	0.93553	0.63575	0.984	0.43386
1.1258899	0.668000816	0.65639846	0.58618563	0.6594359	0.6641	0.65558	0.49981	0.81291
1.6267038	0.883330151	0.87044976	0.98266791	0.43520791	0.99999	0.20054	0.35354	1.0421
1.2161206	0.62245457	0.93144881	0.98113032	0.38569123	0.64865	0.8543	0.1236	1.41013
0.94911805	0.745692467	0.86334059	0.81694176	0.64894616	0.92436	0.59149	0.28815	1.16326
1.57988962	0.438346847	1.09828267	0.74734872	0.50691599	0.62748	0.75719	0.18576	1.68845
0.7889016	0.472875609	1.06221022	0.58047956	0.69974926	0.32471	1.32528	0.71012	0.47211
	0.635462922	0.54679723	0.64473874	0.54588397			0.48421	0.60507
	0.719787783	0.16318099					0.74202	0.16318
	0.59043781	0.6774871					0.40701	0.67749
1.02000516	0.675054621	0.83424695	0.59105851	0.74552603	0.85205	0.61906	0.23367	1.62825
	0.368460001	5.26371197					0.3349	5.26371
	0.53274828	0.52758978					0.52535	0.52759
1.45940457	0.588886554	0.61114617			0.69496	0.61551	0.57407	0.56893
1.5651763	0.604123593	0.94008738	0.39100664	0.94008738				
	0.651058192	0.20537375					0.66355	0.20537
1.40600537	0.55840366	0.9798691	0.67723671	0.50499119	0.32577	1.30022	0.41467	0.96789
1.09593122	0.973361816	0.63817549	0.78181603	0.72344356	0.9691	0.57877	0.85445	0.67574
1.5028903	0.613607791	0.90969117	0.40838359	0.92142848	0.45205	0.91927	0.60392	0.64519
1.14820638	0.126025639	1.27249764	0.08562574	1.56205509	0.24282	1.18595	0.37651	1.13209
0.68890028	0.724105688	0.62988367	0.54129759	0.82159796	0.4742	0.8528	0.75377	0.58357
0.99859121	0.960531778	0.64473043	0.68258785	0.76984716	0.91292	0.65749	0.93207	0.58031
	0.721319475	0.63969342	0.80850922	0.34634143	0.56554	0.68356	0.44014	0.87553
0.8794934	0.314466476	1.14266257	0.25543087	1.16419476	0.47432	0.91737	0.45648	0.89204
2.69177662	0.698761942	0.53140253	0.74031838	0.40427907			0.45183	0.80968
1.06131043	0.629391369	0.94794253	0.35727193	1.06342037	0.36692	1.21186	0.98626	0.38735
0.68565574	0.853639028	0.69007075	0.69315952	0.71820368	0.57397	0.89261	0.88548	0.59733
1.20926574	0.271109223	1.62743178	0.47601295	0.77003586	0.22648	1.81616	0.39951	1.35053
0.5606753	0.770228208	0.52682732	0.74618097	0.51327597	0.59383	0.41995	0.67571	0.56365
0.92803276	0.618767352	0.84896597	0.57465949	0.78417163	0.57404	0.86963	0.57717	0.85165
1.21594815	0.151997958	1.53708647	0.48648926	0.78425788	0.25141	1.3365	0.119	1.9933
1.19079597	0.620782404	0.96971734	0.62910923	0.82079803	0.97574	0.55698	0.35495	1.03802

1.24498078	0.597827935	0.97737998	0.38268738	0.97280173	0.91603	0.449	0.1473	1.50114
0.24849143	0.440543928	1.11856031	0.43946146	0.83700946	0.48856	0.85441	0.37496	1.21489
0.82880345	0.605864444	0.97122325	0.63144016	0.70119427	0.58605	0.77652	0.40834	0.97607
1.48422152	0.189283049	1.08958994	0.02386419	1.77254324	0.38353	1.02745	0.25433	1.15014
1.55007018	0.465148954	1.02323787	0.94806612	0.52581184	0.18016	1.39303	0.29969	1.12257
0.97446372	0.599308648	0.96049825	0.75465659	0.67315166	0.90167	0.61931	0.29943	1.09747
0.75196665	0.698347175	0.82029304	0.47164829	0.86145213	0.37139	1.17066	0.88064	0.55056
2.31193136	0.000122548	1.95521795	0.0009256	2.35858869	0.00255	2.12815	0.05098	1.52965
0.93048887	0.182608831	1.25472324	0.07566116	1.81674965	0.34225	1.10315	0.40207	1.537
1.38840485	0.324605279	1.22875771	0.45856771	0.85838773	0.56	0.8607	0.23534	1.34029
0.69700931	0.946610615	0.538257			0.68273	0.73883	0.95369	0.45241
1.21426185	0.286324442	1.1402744	0.36480497	1.11650631	0.79384	0.71728	0.09196	1.46712
0.95387294	0.588396246	0.99857819	0.76452174	0.6178224	0.41872	0.99873	0.88954	0.58325
1.18425966	0.771325447	0.53821752	0.80732947	0.33408956	0.65026	0.64325	0.56549	0.77959
0.98154136	0.638918034	0.67203748	0.64688522	0.66441058	0.52944	0.75341	0.51349	0.76149
0.76723936	0.663462556	0.8416624	0.82153714	0.48363887	0.34143	1.22493	0.76577	0.5545
	0.30555969	2.59725268					0.2648	2.59725
1.07783076	0.559761091	0.99331223	0.38080759	0.98405164	0.37283	1.03321	0.63719	0.8039
1.44376966	0.533749458	0.98640866	0.39879495	0.92407748	0.43882	0.95147	0.29926	1.32468
	0.017280348	2.498253	0.05437825	2.37571639	0.09375	2.65033	0.07836	2.5712
1.01677326	0.587273653	0.68630853	0.52785062	0.7206735	0.58422	0.65752	0.52101	0.80156
2.59196669	0.025414213	1.72414959	0.20493388	1.30977186	0.11081	1.75736	0.01005	3.13642
1.17380794	0.697258283	0.72496227	0.7003497	0.73119236	0.49752	0.92551	0.40789	0.6732
	0.36632495	1.1318292	0.7804265	0.39848492	0.35388	1.13224	0.25292	1.53466
1.02322986	0.633483273	0.96853594			0.61539	0.55614	0.40423	0.97058
1.45979878	0.07609068	1.49711492	0.01859616	2.41623934	0.3681	1.15712	0.27942	1.24598
1.02496274	0.629086729	0.59490856	0.5128673	0.72016524			0.63772	0.59249
1.17106489	0.635845252	0.86984008	0.6704225	0.69719975	0.56298	0.85131	0.44349	0.93681
1.14986722	0.690792284	0.61047949	0.53517928	0.70955041	0.48799	0.84936	0.70821	0.5993
1.01277571	0.856315211	0.64299858	0.56990825	0.7842477	0.78239	0.64514	0.8229	0.62417
0.8341182	0.722871646	0.81601699	0.64380401	0.74500774	0.2784	1.28479	0.94954	0.41514
1.67777988	0.126172456	1.15628294	0.06765916	1.4153197	0.27325	1.11721	0.30401	1.0829
1.2981159	0.79430057	0.83044789	0.77852641	0.65251088	0.99234	0.44846	0.12739	1.37685
1.04681072	0.042878196	1.34859332	0.08509649	1.39011855	0.07123	1.54839	0.21491	1.20312
0.91366916	0.45589698	1.0435843	0.6421801	0.75820443	0.77482	0.64452	0.22242	1.27589
0.77989617	0.071452727	1.36624951	0.0711712	1.42448095	0.12969	1.37522	0.59078	0.85557
1.30034001	0.824852263	0.62246095	0.52727481	0.78121829	0.86718	0.57381	0.55325	0.86999
0.9905247	0.638743048	0.79370909	0.45078647	0.84458033	0.64298	0.78188		
0.88765872	0.522620886	0.99831207	0.90361272	0.5324088	0.40194	1.01265	0.90629	0.54789
2.25010907	0.213055764	1.28156797	0.35168425	1.16253598	0.1613	1.40873	0.53731	0.8655
0.82938146	0.450217862	1.0087388	0.41860981	0.92048164	0.41359	1.01073	0.63478	0.6312
1.14977912	0.447566676	1.04810417	0.73377583	0.62254871	0.67531	0.71697	0.26602	1.19526
1.03241773	0.418317595	1.05202156	0.47946438	0.87000232	0.77643	0.7417	0.23512	1.16379
0.8860839	0.661601077	0.94883176	0.68850791	0.66881865	0.8021	0.67191	0.42656	0.978
	0.306422168	1.16850079	0.73866842	0.4529611	0.2424	1.44595	0.3104	1.15415
0.88741502	0.835260845	0.67971668	0.80209276	0.57900527	0.67528	0.78378	0.74702	0.64928
	0.67470114	0.38250419	0.50636346	0.69391223			0.69093	0.38088
	0.34848993	1.40027694					0.31239	1.40028
1.01396049	0.695103368	0.80963994	0.76433859	0.64955324	0.46794	0.95689	0.56373	0.85503
0.82986908	0.296352817	1.33998883	0.52765251	0.78541729	0.50408	0.87996	0.24992	1.3526
0.87865341	0.931393153	0.62678876	0.84434321	0.64240599	0.63555	0.78827	0.91887	0.56597
1.37846867	0.341637201	1.01065365	0.35437894	1.00781462	0.75289	0.79754	0.00635	2.02995
0.79739962	0.965865199	0.45850142	0.48067682	0.88692904	0.47371	0.94509	0.99	0.37911
1.52601887	7.44021E-05	2.25204347	0.0001977	4.33578257	0.02892	1.63685	0.00234	2.47096
	0.653082311	0.87574597	0.92757722	0.53980617	0.25957	1.46923	0.24541	1.62082
	0.223716716	1.3594983	0.22747201	1.30736993			0.26912	1.72995
	0.428341895	1.07820255	0.78851562	0.49730926	0.35558	1.16596	0.32846	1.27226
1.2674602	0.451324909	1.01890231	0.72178614	0.4397804	0.69554	0.63409	0.38788	1.03107
1.82054376	0.65905209	0.51873584	0.67381387	0.5107174	0.50373	0.79703	0.50971	0.8136
1.20548864	0.470847688	1.02904731	0.80312049	0.35767899	0.50749	0.75156	0.38369	1.07573
	0.945867002	0.41045364	0.98988504	0.29606667			0.23656	2.39639
	0.549973193	0.94855869	0.79641412	0.53755822	0.28509	1.40671	0.41075	0.55303
1.00464449	0.149233104	1.25140478	0.26475168	1.14396737	0.53166	0.8842	0.08454	1.58737
1.12806618	0.619200816	0.87955299	0.66308583	0.54702467	0.43683	0.9335	0.41547	0.7391
2.17656702	0.51113102	1.00000439	0.72574506	0.68448144	0.75672	0.77511	0.32937	1.07083
	0.450508792	1.09914269	0.57745865	0.65805024	0.58923	0.62197	0.38093	1.1871
0.78869991	0.47346865	1.00396151	0.76391186	0.63691683	0.40955	1.00824	0.83446	0.64158
1.07477339	0.505171139	1.00130541	0.38350209	0.96540856			0.39733	1.02513
	0.864174972	0.77502483	0.94044883	0.49874872	0.19957	1.28947	0.97202	0.51406
	0.655515095	0.71898952	0.72770138	0.4223243			0.44631	0.88649
	0.817239052	0.29517471	0.84796297	0.29517471				
1.41323267	0.657775937	0.72223358	0.58848391	0.64810554	0.49459	0.85849	0.6509	0.73485
0.78416805	0.92595826	0.59533945	0.67541874	0.7770702			0.95555	0.5262
	0.515703531	0.99573102	0.78311264	0.46734606	0.2758	1.35381	0.42712	0.92036
1.10483327	0.381134289	1.09001632	0.63371156	0.58217878	0.55321	0.87895	0.31413	1.11844
1.07366768	0.295756838	1.18522182	0.72580886	0.66199795	0.65755	0.72563	0.12069	1.41388
2.42986978	0.026337349	1.39307596	0.03602296	1.7772631	0.26834	1.12266	0.01252	2.03249
	0.516490017	0.75044673	0.50627136	0.75044673				
1.26527312	0.257567703	1.33613708	0.6344871	0.66959173	0.63432	0.76695	0.0984	1.76832
1.14912575	0.423900398	1.06214312	0.4920639	0.75737954	0.80585	0.65372	0.22398	1.22359
1.24692812	0.59898794	0.96037677	0.39922547	0.94988046	0.23246	1.23386	0.90819	0.55022
1.8768852	0.79244955	0.59452328	0.75768792	0.46902511	0.73448	0.63244	0.58167	0.72879
1.28691312	0.482687564	1.00860369	0.45835367	0.82407127	0.40433	1.03086	0.42532	0.967
	0.576702095	0.85694851					0.42309	0.85695
	0.70096207	0.5898691	0.84644124	0.34673496			0.26924	3.0809
0.82413719	0.964514804	0.69571788	0.42387781	0.95462111	0.94047	0.59152	0.99306	0.39647
1.39138817	0.668279889	0.91944487	0.65827909	0.79645709	0.97255	0.56302	0.14743	1.28082
1.0186664	0.32192492	1.14054031	0.29541777	1.1805798	0.76065	0.62208	0.23471	1.33184
	0.002144289	2.90209629	0.01495308	2.86048008	0.09194	2.71334	0.01297	3.03553
2.6017397	0.459972062	1.00968908	0.87621903	0.39164153	0.4038	1.01577	0.54933	0.319

0.93393654	0.264727867	1.04901312	0.33637119	1.02748548	0.27494	1.39507	0.0936	1.44483
1.28534011	0.351994239	1.12933607	0.59213526	0.6516392	0.63039	0.81187	0.23736	1.22312
0.97533565	0.659635857	0.91686304	0.86994587	0.53456675	0.94201	0.53059	0.19455	1.22909
1.19955324	0.667807502	0.70075365	0.68829829	0.56273066	0.46781	0.90871	0.59959	0.65222
1.95631615	0.005473359	1.50380178	0.00397273	2.13080619	0.27935	1.10733	0.00086	2.78384
1.23108168	0.624353365	0.8195933	0.68778539	0.53939771	0.47802	0.91794	0.45533	0.92091
	0.625499605	0.99813054			0.47244	0.85837	0.40448	0.99813
1.40278687	0.244975028	1.11315893			0.28164	1.2169	0.32414	1.08562
1.62795636	0.491287495	1.01627834	0.63300208	0.68168921	0.73645	0.7503	0.2422	1.29274
0.98853143	0.512687313	0.95289162			0.43475	0.953	0.50942	0.70134
	0.235978818	2.0451433					0.1906	2.04514
	0.770177574	0.51518631	0.67579328	0.51673912	0.51145	0.78192	0.7578	0.51184
1.54159393	0.210143826	1.05236114	0.0091781	1.97976805	0.41364	1.01184	0.02631	1.77832
0.76167011	0.595562066	0.95316201	0.63563986	0.7390299	0.45972	0.71307	0.43119	0.96652
0.8921124	0.900067785	0.61597589	0.83868201	0.60630792	0.52663	0.91755	0.8711	0.59299
0.84038378	0.434976305	1.00961729	0.34061153	1.01780383	0.52249	0.9353	0.93248	0.59082
0.84109327	0.780689424	0.68775485	0.40651264	0.81599556	0.81641	0.61865	0.53991	0.87713
0.69592449	0.717886448	0.6007082	0.70226419	0.5646481	0.57095	0.69405	0.62912	0.62425
0.52458368	0.191209353	1.32035037	0.55116159	0.79036805	0.55305	0.89366	0.11725	1.39518
0.69420429	0.966038399	0.61083479	0.57794519	0.8595053	0.93115	0.63579	0.946	0.51405
	0.352462327	1.04663532	0.34400424	1.03972814			0.31493	1.31725
1.25304232	0.831823131	0.84902303	0.81697316	0.66654233	0.99805	0.38458	0.26851	1.11808
0.86050693	0.698039772	0.74779788	0.61250055	0.66451553	0.70846	0.70814	0.47242	0.92962
2.73843445	0.027085539	1.28516333	0.33637826	1.05734674	0.0505	1.4568	3E-05	4.62064
1.07931737	0.276126988	1.08545043	0.27948184	1.21533118	0.22874	1.29904	0.36946	1.04321
	0.575380278	0.78401672	0.53767214	0.7065121			0.43346	0.79538
1.82540825	0.234639898	1.74789463					0.18921	1.74789
0.84722317	0.92935234	0.64934373	0.54753505	0.83666626	0.66793	0.84706	0.97169	0.51073
0.92270661	0.134787559	1.33771283			0.61677	0.84751	0.08162	1.54106
1.03099101	0.53725507	0.99616573	0.64106866	0.7103191	0.4082	1.02013	0.40602	0.98546
	0.587221991	0.85226062					0.41077	0.85226
	0.703876459	0.72309466	0.95319506	0.18237366			0.3587	1.2634
	0.189869546	1.86254424	0.14408864	1.86254424				
	0.129596836	2.92745609			0.50648	0.78608	0.16731	2.94955
1.44504779	0.46317162	1.02923046	0.77314416	0.61989712	0.33298	1.09809	0.60266	0.5864
1.29506108	0.528786525	0.99211641	0.46039593	0.89002097	0.34115	1.07029	0.86762	0.63327
1.3979747	0.324927186	1.14227669			0.35671	1.06939	0.1451	1.42237
	0.502936514	1.58001209			0.2475	1.58068	0.50327	0.80238
0.71568871	0.885105204	0.6349563			0.87173	0.69004	0.90915	0.53576
2.86598727	0.381578226	1.05999064	0.59739815	0.61720729	0.38741	1.0487	0.36211	1.13834
1.11506714	0.523471695	0.98719797	0.78741097	0.59677305	0.63301	0.77428	0.20759	1.52173
1.60935627	0.073639637	1.54196541	0.15717797	1.48085604	0.12683	1.49681	0.17409	2.20813
0.85827001	0.804369362	0.67541175	0.71326508	0.66706381	0.71072	0.68261	0.71415	0.67594
	0.604355186	0.90211007	0.62550153	0.53293067			0.41256	0.91983
	0.625424426	0.93545851	0.39552847	0.94126245			0.4123	0.91983
	0.000850355	4.5611013	0.00196623	5.888931	0.00872	3.79117	0.35805	2.55259
	0.554283375	0.41174753					0.44938	0.41175
0.89685702	0.19488309	1.21549225	0.14587176	1.32295617	0.23311	1.31493	0.44624	0.95074
0.91619693	0.490183485	1.00396258	0.33466451	1.02857988	0.64072	0.85169	0.95521	0.54195
1.16816281	0.352328923	1.08793839			0.68826	0.80812	0.23214	1.20069
1.02359645	0.571087488	0.84633606			0.55017	0.84855	0.55067	0.84403
0.81889213	0.625397396	0.61270329			0.79509	0.60103	0.55553	0.75356
0.77783371	0.609860371	0.96701812	0.43776957	0.86501332	0.43191	0.98034	0.80497	0.45181
1.75410282	0.042110549	1.65027345	0.12161318	1.48688862	0.04378	1.84608	0.35312	1.77567
1.00134463	0.315813028	1.05622047	0.09125099	1.3940161	0.39147	1.02792	0.87563	0.44462
1.02316716	0.554499021	0.95965251			0.28416	1.18591	0.87901	0.58686
	0.408804447	1.64864233					0.38094	1.64864
1.08061701	0.357055635	1.31162632	0.4885646	0.78887229	0.52409	0.74547	0.31701	1.32615
2.20130493	0.304516633	1.4203882	0.58720689	0.58225817	0.27661	1.47572	0.3544	1.5362
0.81020202	0.432673865	1.12375544	0.67629393	0.68438416	0.56591	0.73417	0.2288	1.65146
1.17575418	0.004811821	2.16094188	0.00158659	6.76826184	0.0079	6.26946	0.09536	1.46519
0.84026517	0.407982636	1.01844598	0.18581592	1.50879107	0.41382	1.01324	0.70943	0.49985
	0.46011167	1.63161433			0.2968	1.69746	0.53166	0.69321
0.72950069	0.310325607	1.12999822	0.3179896	1.13011232	0.65029	0.64643	0.30271	1.18375
0.79278366	0.571139176	0.98421129	0.5846367	0.85615115	0.38755	1.02674	0.98327	0.38799
	0.016511526	7.31403005	0.00551135	7.39509056			0.56318	0.07913
0.77595482	0.278384409	1.17245412	0.0301634	2.23750337	0.37928	1.09197	0.89951	0.47293
1.03249112	0.513795157	0.6890911			0.65316	0.68912	0.50329	0.57281
	0.725898254	0.5473943					0.74888	0.54739
1.94409348	2.73388E-06	2.45643348	0.00035005	2.73342015	0.00555	1.89129	0.00015	3.49497
1.11129217	0.297308918	1.35169905	0.51734003	0.79500083	0.36685	1.26442	0.27921	1.437
1.46712945	0.746742144	0.66715569	0.7830721	0.60810317	0.54129	0.86071	0.54258	0.85137
	0.375189977	1.04793793	0.34373834	1.04754445			0.40034	9.159
3.24816987	1.17678E-06	3.3138812	0.0022343	2.59876522	0.00021	3.83046	0.00038	4.04198
0.8932391	0.888651803	0.69993761	0.44527724	0.93973384	0.58293	0.8926	0.96421	0.50661
0.87120102	0.040602175	2.43521983	0.01795234	2.47128961			0.53378	0.71638
1.83671937	0.029765795	1.73490782	0.00993182	2.38009054	0.7069	0.68019	0.09015	1.64
1.08034908	0.046500608	2.13876647	0.02208404	2.15448438	0.49924	0.55303	0.48609	0.86227
1.14098093	0.539955759	0.96163563			0.35124	1.18555	0.77262	0.61418
1.1213941	0.97178174	0.60915789	0.93362148	0.56688414	0.94452	0.55781	0.73691	0.75895
0.76129906	0.616237523	0.96665859	0.38712153	0.96854023	0.45183	0.94319	0.46494	0.90535
1.80459774	0.013045945	1.69702913	0.05436142	1.73198594	0.05698	1.55723	0.06773	2.18324
1.09653372	0.583612845	0.9789878	0.39068119	0.97150553	0.67028	0.7007	0.3608	1.12987
0.8934215	0.555277132	0.98196892	0.65614778	0.80816248	0.28977	1.09116	0.91423	0.60262
	0.025004493	4.68479901	0.00991416	4.68479901				
1.17911417	0.310292714	1.18472233	0.15705034	1.36558892	0.60742	0.74159	0.72132	0.64597
1.36309724	0.66660541	0.48159			0.95449	0.47079	0.53332	0.83268
	0.534551569	0.71639159					0.47254	0.71639
0.79165472	0.836269918	0.54586678			0.66156	0.76438	0.92077	0.33859
1.05114551	0.889441517	0.63457017	0.54198815	0.82489494	0.91662	0.58218	0.67169	0.76135
1.15369374	1.62812E-05	2.90643109	0.00022884	4.57350876	0.00463	2.28781	0.005	2.88544
1.40575134	0.034114902	1.33454338	0.09415305	1.3691904	0.25073	1.14274	0.0222	1.7243
1.13794411	0.459538954	1.04336008	0.19761945	1.61711628	0.4331	0.94422	0.676	0.63952
	0.183277114	1.44981351	0.1017072	1.58357991			0.6254	0.72291
0.90286754	0.895282443	0.41927678			0.51117	0.81603	0.84797	0.41542
	0.425622407	1.0009594	0.31909521	1.11264099			0.40335	1.00093
1.12704463	0.451876613	1.04639873	0.48558361	0.83370656	0.83119	0.61832	0.21501	1.27176
1.24133149	0.283290163	1.15666266	0.53401422	0.84753113	0.56417	0.90351	0.20696	1.19712

0.55688849	0.797856459	0.92260858	0.3025657	1.04816148	0.99974	0.31166	0.98932	0.44022
	0.357861197	1.05965293	0.34285337	1.05275042			0.31676	1.6415
1.19783438	0.981210871	0.50768609	0.45618491	0.92646315	0.66604	0.80873	0.99847	0.31078
	0.115703538	2.387018	0.07561078	2.387018				
	0.245448621	1.35655976			0.3474	1.26162	0.24191	1.43256
1.32852122	0.503209331	1.00992043			0.39797	1.02238	0.83799	0.55391
0.82191271	0.168479382	1.22398085	0.19324554	1.20057733	0.08614	1.70117	0.69166	0.77319
0.8368595	0.714122317	0.90853801	0.40761137	0.96066048	0.67985	0.80399	0.79511	0.68207
1.19260156	0.670609609	0.71464137	0.67333786	0.70817363	0.57318	0.7436		
1.44103293	0.932930007	0.59133519	0.87944885	0.55628667	0.46566	0.95464	0.95811	0.38663
1.20027962	0.774761168	0.8665684	0.86606136	0.54918826	0.84485	0.62126	0.43525	0.96934
0.96276353	0.345882917	1.03743968	0.08370162	1.40953399	0.39353	1.02149	0.83013	0.66744
1.16267539	0.501311813	1.00298794	0.28477295	1.06536405	0.74567	0.75154	0.88323	0.65041
0.79641745	0.710712315	0.76431217	0.7244344	0.62085859	0.66181	0.731	0.4656	0.94008
1.18792776	0.095878546	2.00461281	0.01231147	5.91807562			0.35908	1.21446
1.28739729	0.155769192	1.28227837	0.19968919	1.42547183	0.20295	1.35138	0.30463	1.16865
1.24671419	0.614626573	0.83299421	0.59846356	0.8275186	0.46604	0.90575	0.57719	0.72896
	0.316832521	1.22237072	0.27717484	1.22237511			0.50166	0.48836
0.5925875	0.491441437	1.01360179	0.20154012	1.25529302	0.57433	0.85438	0.92069	0.46612
	0.096691958	3.14410041	0.05973719	3.14410041				
	0.017702537	4.43075999	0.00624285	4.43075999				
	0.538536979	0.60250239					0.53214	0.6025
	0.305428885	1.04495077	0.349332	1.02883606	0.33585	1.12153	0.18025	1.47209
1.48324466	0.6461811	0.70258767	0.50580585	0.82726386	0.66053	0.68182	0.52064	0.87648
	0.318966412	1.11249379	0.32505263	1.0990917			0.34921	1.15789
0.50852529	0.226584622	1.45956007	0.08890591	1.88083168	0.4905	0.7886	0.72608	0.58478
1.07755437	0.176956912	1.33326794	0.0154627	1.90739568	0.49492	0.86976	0.92437	0.48627
	0.580569932	0.64399103					0.58144	0.64399
1.56536429	0.629213919	0.78652749			0.51228	0.80478	0.59893	0.78619
0.77326029	0.632565246	0.57803168					0.64213	0.57803
	0.52960757	0.99334501			0.31528	1.27649	0.41776	0.96455
0.92986663	0.177915107	1.24269032	0.20362211	1.21494488	0.2219	1.30659	0.50333	0.90108
	0.412507684	1.14851126	0.80615625	0.49323649	0.47635	0.8794	0.15226	1.86046
1.02524779	0.743751412	0.88948977	0.73706729	0.74934396	0.31513	1.0966	0.98305	0.45595
0.9707033	0.872386833	0.64571061	0.70159647	0.75497857	0.55587	0.90146	0.92514	0.46122
	0.996136745	0.2751875	0.52954259	0.8195372	0.35092	1.31394	0.99998	0.11309
0.78279612	0.882733512	0.67523876	0.64055082	0.81175566	0.65094	0.84862	0.95192	0.4264
1.26908511	0.04830169	1.41005753	0.08851774	1.43395115	0.00679	1.99464	0.83587	0.6793
	0.305149797	1.09815757	0.3219509	1.08148246			0.32007	1.15562
0.7079693	0.65998483	0.9185735	0.6137957	0.82898337	0.16017	1.25942	0.98982	0.42136
0.8985933	0.03726122	1.65646885	0.01958536	1.91268771	0.18917	1.37899	0.573	0.47602
	0.395668866	1.19479309					0.36588	1.19479
	0.230852151	2.00749111					0.18531	2.00749
0.87562138	0.507113742	1.00472697			0.41155	1.00579	0.81224	0.60693
1.28104888	0.532819517	0.96846371	0.53939394	0.77267956	0.65996	0.7364	0.37066	1.26298
1.35210292	0.50314236	1.01246657	0.56017954	0.79302683	0.64099	0.68552	0.37247	1.24174
2.61822539	0.181272461	1.90984491			0.01118	2.36293	0.68152	0.67525
1.24516022	0.519182638	0.55793041					0.49057	0.55793
1.25712077	0.613493961	0.98465466			0.54263	0.75329	0.41561	0.98485
1.0404727	0.986397964	0.58980962	0.9358748	0.58159347	0.98503	0.51132	0.68331	0.80925
0.97197432	0.789836029	0.75768355	0.70603671	0.74895294	0.54069	0.91741	0.77837	0.72886
1.08108505	0.423867141	1.05506917	0.70788309	0.74272794	0.67779	0.78089	0.22042	1.21069
1.15403451	0.411182134	1.02002841	0.30021747	1.05805795	0.94203	0.56017	0.36845	1.03001
	0.777590231	0.50060401			0.50833	0.78859	0.7304	0.49835
0.68243429	0.497428386	1.0309853			0.393	1.03465	0.5843	0.79609
0.7468307	0.990628727	0.48821828			0.48296	0.94888	0.98164	0.45927
	0.329058975	1.35237636					0.2907	1.35238
1.19888637	0.375214676	1.11590426	0.5640064	0.70927626	0.49051	0.73455	0.3336	1.12442
	0.222522753	1.16292003	0.31006837	1.1299065	0.34569	1.0949	0.09089	2.49219
	0.138119278	3.12025938	0.66554027	0.46744676			0.04093	5.6649
	0.734446619	0.40316233	0.76264054	0.34122668			0.43308	0.65081
0.86435718	0.84469319	0.75091299	0.43605742	0.946591	0.49488	0.95123	0.93548	0.57669
	0.088273685	1.9652136	0.07742878	1.90307871			0.21479	2.37037
0.62852497	0.452688118	1.016761	0.32006497	1.06898748	0.4341	0.9783	0.6048	0.74549
	0.107152335	2.97203737	0.06836849	2.97203737				
	0.338800363	1.13879333	0.0771958	1.66656788	0.43882	0.93758	0.83121	0.54678
0.89541544	0.988943199	0.49112311			0.54231	0.91366	0.98608	0.4339
1.53325674	0.486138328	1.09263532			0.35309	1.11067	0.62105	0.59115
0.89301631	0.178440496	1.34476822	0.58086444	0.78655498	0.83378	0.58459	0.02757	1.82718
	0.601374873	0.94070951	0.80197044	0.50994254	0.90581	0.60058	0.16133	1.34685
0.72739893	0.781418256	0.66449441	0.75539853	0.59396218	0.81806	0.53493	0.34221	1.60197
0.73704975	0.840484175	0.74519386	0.70859909	0.77449718	0.81136	0.75225	0.71573	0.49432
1.11261688	0.362786944	1.04728084	0.34178609	1.04342382	0.48747	0.7662	0.29459	2.22485
	0.277996662	1.46052548	0.23491087	1.46052548				
1.88918711	0.176032273	1.18484201	0.00393754	1.9812755	0.98614	0.51116	0.1536	1.27212
0.69727342	0.632686161	0.93738479	0.40462356	0.9575078	0.53297	0.78279	0.78413	0.40558
1.12762488	0.468723288	1.05657371			0.19075	1.28179	0.92078	0.41472
1.3718851	0.867528209	0.62570601			0.44047	0.8074	0.8329	0.60487
1.08463376	0.491252376	1.04481366	0.5133362	0.68534438	0.29155	1.76864	0.68707	0.58788
1.8986886								
0.79316906	0.603402305	0.96965978	0.72523905	0.75116631	0.34902	1.04828	0.94765	0.54869
1.99024831	0.388725017	1.20587431	0.64354991	0.61472601	0.59469	0.65041	0.25541	1.4715
1.06325017	0.083739078	1.25974256	0.14751387	1.21346234	0.74873	0.79956	0.01148	1.88769
0.83136892	0.523368199	0.99296847	0.40466381	0.9485493	0.34183	1.19794	0.49348	0.28233
1.12056912	0.436676813	1.00421888	0.41296613	0.95513515	0.41194	1.00431	0.39173	1.08077
1.14619565	0.008022152	1.60513955	0.00871252	1.77714931	0.61005	0.88601	0.01577	1.77798
2.25022886	0.630330187	0.78019266			0.58819	0.77185	0.59667	0.78622
1.73363174	0.483248467	1.00839626			0.39444	1.02276	0.40867	0.96723
0.96248933	0.999359234	0.29983252			0.62248	0.78618	0.99964	0.21423
1.92047677	0.397784851	1.24090317			0.26989	1.37878	0.45598	0.90452
1.26872323								
1.34283993	0.30557406	1.19417243			0.64291	0.73631	0.2355	1.33348
0.98791633	0.418276751	1.12740068	0.57697021	0.60162002			0.37779	1.14787
	0.449755939	1.13164576	0.44471148	0.87156603			0.35059	1.43881
	0.25736639	1.31604164	0.20849139	1.32666235			0.47794	0.87103
	0.233111377	1.4325183	0.14250827	1.56933651	0.65192	0.29211	0.64708	0.53127
0.95473372	0.000300315	1.78125835	0.00040801	2.44907513	0.13728	1.24159	0.00044	2.88629
	0.524893967	0.81543248					0.48387	0.81543
	0.589782585	0.76813236					0.40777	0.76813
0.42525143	0.395499355	1.02107179	0.35871519	1.02237852	0.45582	0.94327	0.59146	0.37616

	0.54758642	0.61260329					0.45724	0.6126
0.86203811	0.627894689	0.7163278	0.62163309	0.67489724	0.53575	0.84116	0.43406	0.69522
0.88318568	0.641801096	0.81021093	0.59673868	0.78242215	0.61558	0.82679	0.45624	0.71004
0.93383293	0.859524136	0.66958732	0.60708417	0.73904064	0.86789	0.65671	0.6755	0.6946
0.86560016	0.414150291	1.09668966	0.28759852	1.21769744	0.59544	0.67636	0.69439	0.62697
0.54629575	0.735887329	0.50794535	0.65933611	0.57125171	0.71726	0.39729	0.57652	0.61912
	0.88039498	0.70540758	0.99006182	0.39673612	0.34923	1.15076	0.66026	0.65198
0.7066576	0.855453599	0.56632815	0.56265181	0.81913675	0.89131	0.53403	0.45031	0.51129
0.8563025	0.612748289	0.60258027			0.71885	0.59958	0.42108	0.62451
0.71584224	0.643511009	0.72243801	0.58524657	0.65334886	0.61314	0.75301	0.42547	0.66875
1.8904525	0.279536722	1.02356775	0.00880919	1.85472747	0.4052	1.00793	0.04571	1.65019
1.03554998	0.936094841	0.46523386	0.47895051	0.79848607	0.96761	0.4199	0.46665	0.90186
0.55605843	0.159113691	1.66525228	0.07277386	2.68863198	0.28445	1.38414	0.70421	0.38901
	0.628962922	0.41405467					0.63794	0.41405
0.73064011	0.792877606	0.83732584	0.40427563	0.94815162	0.69243	0.73021	0.9312	0.46796
0.84029166	0.78065505	0.63525946	0.51772478	0.75541098	0.79927	0.62521	0.60083	0.69706
1.0502068	0.709093314	0.62065918			0.82506	0.59988	0.62087	0.7126
1.21656078	0.594035387	0.9211348			0.44948	0.90536	0.43615	0.92694
0.64671604	0.70213973	0.75151932	0.60393651	0.41701998	0.70852	0.72424	0.57085	0.85322
0.77031968	0.613098672	0.83685218	0.51302287	0.73149855	0.66504	0.39104	0.42223	0.88741
	0.630574331	0.83793311	0.71321431	0.43333971			0.42812	0.90948
0.7878286	0.622450825	0.95193032	0.33300369	1.06893957	0.61593	0.58126	0.99582	0.24066
	0.563802666	0.7241857					0.43821	0.72419
0.86519785	0.70112848	0.60072927	0.56317931	0.69599189	0.72065	0.53117	0.54769	0.79528
	0.608191869	0.35509346					0.61374	0.35509
	0.997995349	0.2215445	0.97693995	0.07392645	0.5342	0.75756	0.99777	0.25089
0.84716487	0.249812646	1.14965955	0.14157254	1.33973749	0.16896	1.26884	0.89977	0.57139
1.75559233	0.612241454	0.97259037	0.39306076	0.84333539	0.63558	0.62242	0.40461	0.9777
	0.000173059	3.26185124	0.00018851	18.1636122	0.00078	3.489	0.10777	1.75396
0.71565588	0.44583755	1.02501769	0.4715274	0.85976837	0.40231	1.03249	0.70132	0.48233
1.59477563	0.796513536	0.61856501	0.82284701	0.57248508	0.49609	0.9292	0.61397	0.75337
0.98112642	0.738826155	0.65301459			0.81898	0.6019	0.61261	0.78623
0.65980048	0.573500791	0.69753354	0.50931486	0.8298761			0.57311	0.68987
0.83521297	0.63290342	0.73949625	0.47661622	0.8848174	0.54233	0.88219	0.67395	0.53366
0.66228017	0.865790886	0.70088617	0.63402428	0.82320816	0.58593	0.89699	0.92879	0.53699
1.57977769	9.02745E-05	2.29322951	2.3918E-05	5.13189069	0.00498	1.99988	0.09094	1.5862
0.90036257	0.769440789	0.72974922	0.54298929	0.85314103	0.7932	0.71013	0.57391	0.81085
0.85923299	0.29994907	1.06987292	0.23082474	1.10824732	0.2463	1.12508	0.88141	0.63347
0.91045807	0.783308883	0.77032966	0.72719585	0.67658888	0.85614	0.53163	0.44275	0.94737
	0.748860712	0.75275771	0.63200027	0.67119535	0.96878	0.34628	0.19313	1.61851
	0.419616047	1.14672993	0.62129699	0.43908486	0.36154	1.20166	0.5647	0.44969
1.46920907	0.182508217	1.49075648	0.16339984	1.5053935	0.28742	1.57106	0.45961	0.80683
1.46562139	0.003736694	1.83434721	0.00676674	3.0624094	0.017	1.87826	0.11713	1.42952
0.80499593	0.668212589	0.89172939	0.42656117	0.95211119	0.50397	0.93669	0.76836	0.65813
2.23220503	0.91232322	0.7207084	0.91705526	0.45780714	0.9873	0.45437	0.33877	1.13117
1.14838425	0.187630031	1.23971317	0.03889375	1.54775439	0.72858	0.81023	0.4872	0.93326
	0.262763925	1.34560982	0.47385448	0.64811137	0.30132	1.25985	0.25528	1.64567
0.96742684	0.620853906	0.81441737	0.6351497	0.68101387	0.45451	0.91201	0.43724	0.70438
0.65337476	0.602322719	0.92217201	0.4142098	0.93597011	0.59962	0.65547	0.44597	0.67696
0.9210688	0.504397457	1.00503516	0.43370741	0.89972558	0.77129	0.66421	0.29421	1.18899
1.08592025	0.561245195	0.97812426	0.49813867	0.72481958	0.92436	0.54098	0.35302	1.06205
	0.555140006	0.62540415	0.45078354	0.62626394	0.51566	0.61638	0.50045	0.59339
1.25237978	0.68757301	0.92182757	0.7737478	0.65394125	0.9384	0.58933	0.34732	1.07136
1.01563155	0.729547921	0.6290174	0.59227248	0.63657452	0.63885	0.60647	0.70416	0.63589
	0.572033672	0.90266971			0.49971	0.76699	0.44935	0.90267
0.89901645	0.583859421	0.99933026	0.6477514	0.68163503	0.41812	0.99936	0.92105	0.44181
0.75903879	0.786170098	0.49179456	0.5220499	0.64233418	0.54323	0.74756	0.81708	0.47094
	0.999882736	0.09371702					0.99999	0.09372
0.92843934	0.641360555	0.6070081	0.6448248	0.48486271	0.55357	0.68031	0.44231	0.73887
0.80012481	0.816443407	0.60064825	0.84533596	0.59643167	0.51103	0.91417	0.57301	0.50441
1.02408885	0.794118344	0.62742874	0.76454325	0.59863873	0.71887	0.65292	0.44746	0.71208
0.46702174	0.32922967	1.15708303	0.46682052	0.90784194	0.27706	1.17484	0.54951	0.48166
1.71077637	0.046930021	1.32814318	0.03438192	1.54884412	0.16885	1.22548	0.26816	1.21668
	0.620862451	0.88971751	0.74603081	0.43970328	0.44282	0.9479	0.49732	0.78658
	0.416121793	1.0763984					0.38936	1.0764
0.89216197	0.755821101	0.79559845	0.75069557	0.7159788	0.58901	0.88948	0.66874	0.79995
0.79774311	0.146576878	1.27496281	0.47397785	0.92736853	0.01575	1.64236	0.83528	0.70146
	0.328485667	1.11403345			0.5206	0.82895	0.34556	1.11594
1.00325795	0.885757091	0.71197969	0.76426883	0.61307166	0.95571	0.47542	0.41653	0.93236
0.52632176	0.837845808	0.58705892	0.63632627	0.65619971	0.85873	0.57279	0.5086	0.89313
0.61418298	0.638041756	0.76403484	0.43422902	0.87210258	0.63994	0.49506	0.61623	0.57313
0.9109082	0.422554307	1.03884151	0.31274042	1.07786843	0.72731	0.74612	0.42808	0.7789
0.71167805	0.838453303	0.60712223	0.80980995	0.37301565	0.77879	0.65973	0.6407	0.68148
0.85045834	0.35093942	1.0411316	0.47440257	0.87444033	0.329	1.09291	0.37087	1.03086
0.65279005	0.541285714	0.65667475			0.59646	0.64532	0.48945	0.83763
	0.41175955	1.02142855	0.75578641	0.45687686	0.38604	1.06321	0.3992	1.01983
	0.565140641	0.84475176			0.47107	0.87642	0.44851	0.82395
0.83346173	0.255842181	1.15308516	0.16890482	1.39929817	0.83446	0.74133	0.08555	1.46172
	0.326828051	1.1713744	0.09715929	4.7157333	0.37849	1.09575	0.61266	0.60117
1.19771053	0.697782447	0.54763049	0.70242684	0.51718205	0.56645	0.59172	0.43397	0.65867
	0.374101242	1.29250919					0.34129	1.29251
0.96218847	0.863542268	0.54439619	0.62735865	0.65632666	0.53371	0.85838	0.89406	0.50495
	0.54829811	0.51488146			0.59621	0.5337	0.54923	0.3462
	0.520442446	0.5814207					0.51091	0.58142
1.57075889	0.484597919	1.02290801	0.54710548	0.77858039	0.73064	0.71289	0.3088	1.18881
1.16597923	0.779824833	0.62091488	0.65180897	0.62954113	0.77168	0.5919	0.60437	0.71424
1.37056077	0.634076649	0.91469861	0.39862673	0.9379029	0.68547	0.62478	0.49557	0.7093
0.69530256	0.664732697	0.90399882	0.75781937	0.73586632	0.52102	0.93485	0.44802	0.96735
0.65971312	0.66321935	0.48964357	0.57237993	0.66110754	0.68125	0.33607	0.47145	0.68427
	0.56000159	0.63777212			0.63329	0.6362	0.46184	0.65534
2.07879504	0.268057564	1.08309656	0.11811234	1.62463598	0.41357	1.02629	0.25011	1.20239
1.0517764	0.599693006	0.99664591	0.74018967	0.5515439	0.76275	0.66085	0.40568	0.99696
2.08565802	0.810340519	0.56808428	0.82109217	0.48747257	0.6755	0.67632	0.56121	0.64079
	0.654282407	0.6772237	0.71529408	0.3545015			0.431	0.83505
	0.612871522	0.83001519			0.55395	0.71986	0.4233	0.84533
	0.600493637	0.8199924	0.77085685	0.44425822			0.37085	1.40081
1.58420073	0.754235805	0.54055498	0.59923869	0.65097702	0.73523	0.4392	0.66507	0.59024

1.85705522	0.357809878	1.07081093	0.49157742	0.82774454	0.36778	1.05465	0.33342	1.2161
0.81732575	0.693206872	0.71386691	0.42044797	0.65996025	0.56809	0.84471	0.70483	0.64286
0.95771093	0.86657482	0.66603152	0.79138095	0.63364055	0.84217	0.65726	0.55046	0.87247
1.13956386	0.000794002	1.79749639	0.00186635	2.39728045	0.01036	1.79414	0.08967	1.43386
1.46271538	0.172755419	1.14532163	0.06675764	1.55334182	0.34729	1.05393	0.18835	1.68246
0.9494902	0.614526	0.96976613	0.39087413	0.96826267	0.44565	0.97411	0.51862	0.74774
1.09910634	0.703374039	0.58296402	0.72375638	0.5284981	0.55009	0.75779	0.54517	0.73411
1.06793458	0.714114935	0.46363901			0.53682	0.59781	0.67709	0.45245
1.19218247	0.02009361	1.74684188	0.03763846	1.88779454	0.00387	2.71075	0.76123	0.70484
0.80705098	0.914897081	0.65936883	0.72220988	0.7561608	0.84382	0.55342	0.87157	0.65008
0.82603225	0.907522102	0.6209284	0.72438479	0.75924838	0.53043	0.92485	0.9491	0.46432
0.97204203	0.91069114	0.60043021	0.87722607	0.52802194	0.85527	0.64349	0.51979	0.83506
0.87873999	0.420555972	1.0267474	0.48630383	0.9129215	0.3765	1.03173	0.65796	0.68824
	0.54555007	0.64482848					0.45963	0.64483
	0.556237525	0.80410956					0.44709	0.80411
	0.567569723	0.46334392					0.5662	0.46334
	0.54548986	0.71618792					0.4597	0.71619
1.11837922	0.934675844	0.56472852	0.91451441	0.40692338	0.88888	0.61117	0.58005	0.79728
0.64223467	0.768410102	0.8709865	0.94733432	0.5834387	0.12373	1.30096	0.9705	0.50163
0.70663198	0.805808034	0.54476433			0.79375	0.48342	0.71167	0.61246
	0.702205968	0.88308513	0.23156517	1.29907663	0.98344	0.50176	0.22044	1.40891
	0.632586407	0.71899398			0.62762	0.56484	0.43757	0.81769
4.78603667	0.018374834	1.86445154	0.0020496	5.6498298	0.09796	1.47985	0.28406	1.46728
2.85712805	0.793814096	0.33107394	0.81760723	0.30312659			0.60013	0.49231
1.02203949	0.629981532	0.72598716	0.54901072	0.68854352	0.4785	0.81395	0.6299	0.72456
0.86332507	0.574890156	0.96268746	0.98765664	0.44634693	0.0939	1.38225	0.47048	0.86965
1.01120027	0.36771001	1.07808121	0.74704111	0.74293787	0.19083	1.19133	0.60816	0.84174
1.31687938	0.78613559	0.84067493	0.81114286	0.64512493	0.99146	0.43165	0.15282	1.30763
0.51302777	0.406540289	1.01830235	0.9614441	0.55381779	0.10418	1.32492	0.37994	1.01903
1.25089485	0.633851057	0.8881551	0.71884384	0.59902123	0.51558	0.91756	0.43464	0.94398
	0.577882743	0.97773812	0.55747174	0.72040788	0.42717	0.97925	0.5707	0.59876
1.23677971	0.70064524	0.9049989	0.84143411	0.66453547	0.94192	0.61822	0.16017	1.26761
	0.516708654	0.49626672					0.50653	0.49627
1.079344	0.66419552	0.89265059	0.54914188	0.76897064	0.93386	0.5417	0.28286	1.19442
1.06551582	0.755338651	0.81006351	0.77476065	0.61156163	0.75306	0.70493	0.44558	0.95108
	0.369670389	1.13784894	0.42230634	0.88411844	0.26363	1.58255	0.37109	1.14024
1.41437799	0.208642909	1.10589164	0.62206325	0.64292139	0.36762	1.03803	0.02977	1.69043
	0.403704342	1.25822479	0.56867444	0.67223878	0.47109	0.88079	0.31886	1.48769
0.68001477	0.826299531	0.66210581	0.66038112	0.73955066	0.84435	0.61652	0.54864	0.8341
0.74047819	0.640723053	0.95216868	0.62269618	0.70027257	0.76948	0.66973	0.42427	0.97545
1.69001519	0.21474122	1.16107847	0.52447338	0.85383448	0.37607	1.05903	0.08769	1.5125
0.2112005	0.567569554	0.71413527			0.4936	0.84274	0.54857	0.70569
0.62874209	0.938488125	0.59734656	0.46042132	0.93555319	0.55501	0.91453	0.98369	0.45198
	0.592309507	0.87847146					0.40482	0.87847
1.68307635	0.441027737	1.00390515	0.62403952	0.62568164	0.41529	1.00405	0.61646	0.60635
1.30592429	0.944172445	0.1638327	0.53104967	0.70648568			0.96859	0.15194
0.58658222	0.550792992	0.55958622			0.78302	0.55831	0.4786	0.68587
0.77479426	0.496588213	1.00163848	0.85662463	0.61996517	0.90848	0.60708	0.39279	1.01057
	0.525428332	0.62744114					0.48324	0.62744
0.64270192	0.957300075	0.43755211	0.9870088	0.33350731	0.54694	0.86026	0.44069	0.86338
	0.853857949	0.31405597	0.58061385	0.62802071			0.89072	0.27035
0.81603325	0.617328624	0.98221949	0.3862126	0.98276527	0.27035	1.1189	0.95474	0.49917
0.9433774	0.195020679	1.3991747	0.09799029	2.47335717	0.17666	1.61817	0.41585	0.8971
1.19547397	0.405954719	1.0661118	0.55234068	0.84218387	0.61426	0.86572	0.3069	1.12258
0.82280319	0.627351869	0.91375195	0.66847423	0.76826095	0.7386	0.80102	0.26751	1.37149
0.96258804	0.445786754	1.02533067	0.64027614	0.69858843	0.7378	0.51593	0.37292	1.04376
	0.603835503	0.99129159	0.37005795	0.9895071	0.25539	1.35451	0.37366	1.40172
1.03204542	0.710547605	0.88218236	0.58571706	0.6526497	0.88978	0.48073	0.42394	0.95922
1.43404016	0.41989253	1.04785072	0.3243825	1.09894234			0.41933	0.93758
1.29711743	0.026000131	2.23564636	0.00911747	2.882804	0.64373	0.65216	0.14456	1.94706
0.65329029	0.429807942	1.03799432	0.17637138	1.18322268	0.81614	0.72961	0.72963	0.69152
0.80325313	0.004832068	1.88282014	0.0002818	4.00663888	0.15179	1.3222	0.09844	1.95184
0.85531898	0.569264063	0.97431945	0.54185578	0.82682158	0.92584	0.53522	0.35645	1.06156
	0.590733298	0.98204132					0.40666	0.98204
1.15404975	0.566974052	0.61812963	0.56121404	0.62792471			0.52482	0.49795
0.72253431	0.622074892	0.63890754	0.49233719	0.83304707	0.53711	0.74951	0.62721	0.6106
0.79711931	0.92794739	0.61738355	0.74045613	0.67787353	0.82239	0.66905	0.90523	0.52231
0.72924975	0.624267123	0.7772234	0.45872087	0.86396734	0.59782	0.7503	0.58872	0.74051
0.57891538	0.61419008	0.737675	0.44860576	0.84442506	0.56128	0.62771	0.61066	0.61205
0.93693173	0.871034254	0.58713083	0.66511296	0.68700345	0.87898	0.52448	0.67917	0.6669
1.0528057	0.017862181	1.41732775	0.01043796	1.73109048	0.19097	1.18822	0.09281	1.61116
0.9013745	0.612989229	0.97010863	0.64409588	0.75259449	0.65857	0.71958	0.41742	0.97905
	0.390907004	1.41267205					0.36043	1.41267
0.70057195	0.464014887	1.04258405	0.6912938	0.58914616	0.38454	1.09655	0.51611	0.58281
0.96405103	0.631986448	0.95295348	0.86270168	0.31527313	0.61795	0.51501	0.4173	0.97234
	0.541949443	0.77272438					0.46386	0.77272
1.2624763	0.585970186	0.96066177	0.5707483	0.67579802	0.50694	0.67042	0.41773	0.96299
0.86987453	0.330738522	1.18283476	0.29175782	1.18379712			0.47394	0.53249
0.97854299	0.060250503	1.44165775	0.04910682	1.56298262	0.50548	0.91432	0.17245	1.3148
	0.518295822	0.74417477					0.49161	0.74417
	0.543028579	0.52613698					0.46259	0.52614
0.92011805	0.943452582	0.55478091	0.84563774	0.54872093	0.93511	0.55644	0.51292	0.82694
1.46303913	0.607945623	0.96336895	0.42244646	0.93152289	0.91264	0.64076	0.35399	1.05893
1.89233953	0.557620578	0.82309719	0.46827545	0.85503734	0.49991	0.8667	0.54582	0.78974
1.09268874	0.047858118	1.57258328	0.03614034	1.68539819	0.54014	0.88418	0.15773	1.47366
1.19036001	0.499074739	1.01647661	0.56285211	0.65882353	0.71485	0.52738	0.37085	1.18487
0.9395487	0.829948707	0.66360767	0.71211289	0.68692045	0.84231	0.56109	0.41243	0.84657
	0.764413798	0.56267459	0.73131725	0.45763848	0.79391	0.43968	0.39722	1.53129
0.90472512	0.428939779	1.041051	0.62861771	0.75399025	0.37554	1.05512	0.55388	0.556
0.76234993	0.63779506	0.96097667	0.50371142	0.90701058	0.44195	0.98461	0.91344	0.44011
0.71002702	0.442702403	1.02746804	0.64193637	0.68009666	0.40017	1.03487	0.45894	0.62416
0.65934995	0.494098273	1.00205803	0.34244331	1.01705375	0.88368	0.68213	0.95985	0.52837
0.71557917	0.391259941	1.10145567	0.50972902	0.82892607	0.35651	1.10515	0.57295	0.3976
	0.631825916	0.54200547			0.66468	0.49075	0.56788	0.66411
1.65352585	0.419385379	1.00274556	0.1777146	1.23772271	0.80662	0.62964	0.40232	1.00251
0.92628125	0.279706894	1.14456191	0.01391563	1.91638334	0.99996	0.25483	0.00299	2.5972
1.53124194	0.593133083	0.99998919	0.381813	0.97486014			0.40391	0.99999

0.75887062	0.402405212	1.00776066	0.36138643	1.00854826	0.51685	0.71465	0.85281	0.43993
0.59495502	0.71753272	0.94160918	0.70551969	0.72787614	0.43658	0.9845	0.95522	0.5111
	0.662787093	0.53636123	0.64282712	0.5120489			0.61044	0.56758
0.82790692	0.65249852	0.6587672	0.57042622	0.69981537	0.59582	0.67968	0.621	0.61574
	0.474059336	1.05181242	0.75696844	0.45314783	0.65469	0.66912	0.23399	1.52754
0.83485985	0.838846157	0.66476033	0.60324061	0.69719727	0.86442	0.65377	0.54622	0.83031
0.6211837	0.725923512	0.83871464	0.41203895	0.92964738	0.79287	0.68817	0.55594	0.81917
0.83261534	0.6859912	0.95536227	0.39693379	0.97745837	0.46729	0.76614	0.91011	0.57485
1.0416591	0.864425478	0.63749828	0.90088837	0.6175138	0.47204	0.64793	0.53154	0.90609
	0.176032351	2.06592808	0.12264792	2.12838757			0.60745	0.21242
0.94864953	0.794698734	0.65466845	0.60709838	0.75065805	0.76895	0.62024	0.70063	0.65684
0.86858274	0.702131487	0.68409521	0.52679506	0.81085141	0.71009	0.66764	0.41894	0.73096
0.65451076	0.733617945	0.55038561	0.53422024	0.75218909	0.75163	0.54207	0.43169	0.44369
1.92412373	0.005634309	2.57595171	0.00015194	5.48617897	0.1428	2.30804	0.40036	1.13565
0.78303187	0.643115484	0.71815435	0.52732773	0.75724927	0.47195	0.75106	0.64996	0.71493
	0.640634912	0.92800104	0.98893186	0.12632719	0.80926	0.41625	0.39147	1.05673
0.90646296	0.904979647	0.75711682	0.85863883	0.66166251	0.99981	0.31545	0.05823	1.54789
	0.590650214	0.59970713					0.59324	0.59971
	0.536189583	0.6111506					0.47062	0.61115
	0.685614312	0.46179084	0.70302063	0.46184995			0.48881	0.43806
0.76161682	0.588990693	0.99595499	0.62848579	0.72769029	0.41863	0.99681	0.909	0.5792
0.56135277	0.370686274	1.16928385	0.26160002	1.28068471			0.7621	0.37764
1.29433573	0.35648435	1.05846509	0.27170698	1.13678591	0.67195	0.80557	0.38645	1.04673
1.2445763	0.196407026	1.07886176	0.04759541	1.53879447	0.13604	1.37564	0.38041	1.02449
1.18152563	0.866040534	0.6193106	0.59270092	0.74610449	0.73203	0.68028	0.8676	0.56242
1.15428299	0.707758575	0.7245235	0.4956222	0.82981476	0.7127	0.71439	0.59453	0.76178
	0.536932322	0.75714676					0.46974	0.75715
0.98687216	0.762971093	0.75522386	0.4290923	0.90689916	0.81681	0.66189	0.48641	0.90346
0.92802947	0.694323133	0.59525063	0.6197449	0.62867866	0.54657	0.77498	0.68709	0.51339
0.70774306	0.970102382	0.59643839	0.72958297	0.75726415	0.72979	0.78368	0.99279	0.38414
1.11826175	0.564664955	0.99768553	0.07885681	1.38857285	0.68122	0.7879	0.40745	0.99657
0.73954258	0.154216596	1.208625	0.15964775	1.2307097	0.58695	0.878	0.18889	1.24651
1.51686539	0.681879601	0.70846886	0.5682972	0.70447118	0.57755	0.81519	0.68663	0.63315
1.3814737	0.488048314	1.00579797	0.39426942	0.96125949	0.39052	1.0295	0.53461	0.83137
0.80416491	0.405250106	1.06878668	0.6166722	0.73904064	0.30552	1.11933	0.70683	0.56807
1.07900157	0.661184642	0.70266631	0.44073335	0.84918358	0.57749	0.64778	0.67628	0.56045
1.24452372	0.666596092	0.73642539	0.68913981	0.66393252	0.46768	0.91312	0.56683	0.62771
0.8711296	0.643588169	0.93542323	0.84404785	0.61944292	0.31821	1.09551	0.90204	0.53758
0.98809778	0.91811471	0.68728486	0.80229194	0.67366944	0.6532	0.85119	0.9283	0.58769
1.31469699	0.508123787	1.00052725	0.06404949	1.7890336	0.49941	0.81508	0.40884	0.98622
0.75235672	0.627325472	0.76467241	0.4417026	0.85219966	0.62476	0.69697	0.44287	0.56759
0.94342364	0.695950897	0.65849263	0.51004829	0.74279182	0.71362	0.64662	0.53982	0.78427
1.74260137	0.646175137	0.92260663	0.98378432	0.48808401	0.68021	0.84026	0.034	1.81545
1.37399207	0.78953147	0.7604998	0.85568709	0.49879973	0.91992	0.50229	0.2479	1.3752
1.1861625	0.798762465	0.60545755	0.76127408	0.49230086	0.66762	0.71378	0.70782	0.56462
0.82265256	0.694478319	0.64102364	0.58392092	0.61965467	0.69907	0.64215	0.51417	0.78285
2.0745145	0.000645328	2.17488278	0.00033267	3.88428217	0.09075	1.45358	0.00828	2.94661
	0.630975706	0.62827393	0.63928716	0.62397824			0.52002	0.73149
0.85491026	0.539384567	0.98894506	0.39842655	0.95949799	0.29381	1.15564	0.72398	0.7145
	0.5356349	0.55444305					0.52873	0.55444
0.7942255	0.910089536	0.41629412	0.56335593	0.6791808	0.90762	0.29387	0.81864	0.50176
1.27986784	0.312628914	1.08862793	0.20208333	1.22805359	0.39114	1.04948	0.70006	0.65752
0.7441032	0.63242892	0.94108927	0.97758184	0.51678188	0.09536	1.34025	0.772	0.74957
	0.036837022	1.90996105	0.04997435	2.48224654	0.09609	1.63535	0.21479	2.99244
1.39304276	0.012354182	1.67075794	0.00490774	2.47698547	0.08451	1.52581	0.24245	1.27521
1.10084113	0.15113455	1.21658611	0.06657753	1.45763982	0.15008	1.27331	0.85563	0.64472
	0.708135546	0.80224475	0.81796155	0.35253253	0.45216	0.94771	0.67602	0.71688
	0.006668346	3.79260115					0.00168	3.7926
	0.311775832	1.22364907	0.51957028	0.73799272	0.32672	1.24877	0.33788	1.20655
0.18021988	0.702433436	0.40023848	0.58337667	0.64643544			0.74295	0.21696
	0.537955862	0.58749676					0.53146	0.5875
0.83523915	0.670463788	0.91804473	0.83032086	0.5762719	0.36081	1.07468	0.90798	0.53831
	0.69117983	0.58880828	0.52393011	0.70580322	0.72446	0.48673	0.45303	0.82411
	0.625863784	0.65755695	0.62182229	0.5474225	0.57506	0.74213	0.50989	0.62843
0.70183077	0.648076503	0.55924625	0.63655884	0.55167291	0.47995	0.81119	0.59407	0.47434
	0.365123059	2.58894091					0.33112	2.58894
	0.446700323	1.0586227	0.69539968	0.45913294			0.38347	1.095
0.9731597	0.960076558	0.57500291	0.7622444	0.69220612	0.60009	0.8824	0.99047	0.36645
1.02849201	0.867833402	0.59742799	0.67214586	0.64226482	0.88968	0.55886	0.56261	0.8266
1.06786482	0.915347279	0.59375485	0.62072564	0.74949647	0.9426	0.57101	0.51364	0.90085
	0.593001703	0.85099609	0.85841845	0.28828635			0.32499	1.44435
1.01665218	0.471993525	1.00505828	0.68727921	0.74899193	0.40304	1.01089	0.8555	0.58734
	0.669025398	0.42887558					0.68427	0.42888
0.90527402	0.532638168	0.72175784	0.49505156	0.82675737	0.49529	0.85392	0.4747	0.6834
	0.638752141	0.92142183	0.85486829	0.32783566	0.43242	0.96354	0.52359	0.77566
1.51062884	0.647625998	0.96057796	0.38467009	0.9711792	0.72252	0.65058	0.62169	0.80992
1.00900144	0.91659718	0.60379804	0.69029968	0.58310824	0.93194	0.57844	0.64607	0.74632
1.15253346	0.823806998	0.86796019	0.81343355	0.5242287	0.96951	0.52569	0.42905	0.97379
0.63078136	0.780649295	0.39822572	0.64208386	0.53812483			0.79579	0.33052
	0.385431495	1.05834756			0.53725	0.77021	0.39234	1.06033
	0.367857023	1.35181303					0.33422	1.35181
0.93478476	0.873568292	0.58910173	0.50595938	0.46329745	0.90399	0.58525	0.55	0.73872
0.77756642	0.621425822	0.49206877	0.53176631	0.68886472			0.62929	0.44957
0.77077443	0.461079829	1.02617635	0.77349938	0.65050773	0.34476	1.07646	0.54631	0.46574
0.87892608	0.453405162	1.03144403	0.51537149	0.88583262	0.2738	1.1235	0.88095	0.5251
0.79346889	0.968498395	0.64154165	0.76669132	0.71595763	0.86929	0.71403	0.96718	0.51085
0.77847766	0.743495668	0.6219931	0.59469725	0.67431641	0.63765	0.69996	0.73471	0.54136
0.77644767	0.481557425	1.01697158	0.7823499	0.51303053	0.28703	1.12388	0.82016	0.53568
	0.587018503	0.96454911					0.41101	0.96455
1.25323764	0.628131555	0.89149481	0.45972337	0.89013543	0.61703	0.83611	0.41995	0.91944
	0.370100006	1.01349342	0.35661571	1.0118263	0.21136	1.29164	0.75686	0.52641
2.16255531	0.135286059	1.29287611	0.06885812	1.76279833	0.29251	1.16939	0.35353	1.14676
0.74661564	0.95766923	0.53283933	0.88691417	0.58200399	0.48482	0.95272	0.95517	0.44341
	0.2678216	1.30917558	0.41912841	0.89227091	0.19131	1.73745	0.22599	1.65565
0.70817497	0.378088969	1.03425808	0.23635542	1.29209102	0.40811	1.02053	0.50268	0.43784
1.20699899	0.847648487	0.68071789	0.75669227	0.60094244	0.83005	0.6973	0.5536	0.80437
0.73873517	0.631911451	0.94421458	0.39286425	0.94138362	0.4319	0.96134	0.65627	0.59775
	0.699905617	0.53473633	0.71955105	0.53397621			0.49219	0.73109
	0.796894623	0.64417802	0.37493103	0.59187163	0.55576	0.86831	0.82529	0.59361
0.96239556	0.908251849	0.64022318	0.91786246	0.54928684	0.76919	0.74104	0.63498	0.52521
	0.51717757	0.65312969					0.49292	0.65313
0.83000859	0.662822676	0.9457246	0.90354467	0.49229533	0.43314	0.97922	0.45693	0.76708

	0.533904342	0.97004019	0.78334328	0.41658477			0.39161	1.14653
	0.577117761	0.62128977					0.5774	0.62129
0.8548506	0.803300878	0.74705055	0.72782242	0.72061655	0.77119	0.76258	0.57684	0.48946
	0.75276741	0.68294996	0.49995614	0.60879431	0.6416	0.7775	0.76665	0.59602
	0.468633158	1.00594269	0.01547587	2.81268251	0.42466	0.99111	0.11637	1.89943
1.29365871	0.812221943	0.57459675	0.64968691	0.61887921	0.82627	0.54962	0.46085	0.79749
0.5826565	0.848463265	0.59048416	0.85308294	0.54156106	0.67569	0.68547	0.63852	0.62836
0.97509209	0.674957944	0.77332369	0.49089472	0.8176262	0.70175	0.72788	0.46643	0.91823
	0.118431599	2.15231232	0.08879568	2.11184768			0.31996	3.06795
1.02790364	0.809222124	0.67002437	0.70966334	0.56611667	0.77687	0.6974	0.64322	0.65211
0.82304527	0.640769061	0.69473297	0.59570356	0.65970237	0.62017	0.71069	0.5132	0.57773
0.46082191	0.752508143	0.61857025	0.72409438	0.4482561	0.47352	0.77242	0.70922	0.67277
0.95356821	0.743730593	0.74672922	0.60364925	0.59876654	0.44499	0.93278	0.83881	0.50631
0.98346687	0.390190506	1.03927211	0.47569084	0.90780282	0.51588	0.90394	0.35701	1.04018
	0.951141181	0.17272538	0.97193133	0.16935879			0.54854	0.45241
0.74585165	0.505128641	1.00319612	0.55671709	0.87025156	0.19088	1.19937	0.94067	0.54103
2.35056157	0.593768153	0.98527799	0.64221207	0.74027215	0.48773	0.94222	0.41358	0.98684
0.73789152	0.751334676	0.5868939	0.80254183	0.42977057	0.58931	0.79614	0.51886	0.8137
	0.669013716	0.6519779					0.68425	0.65198
0.88169776	0.7478903	0.75880916	0.54680592	0.79429379	0.77208	0.70918	0.4085	0.86161
0.85425295	0.761766127	0.72787042	0.66849149	0.67246301	0.76875	0.69335	0.47357	0.93976
0.90914073	0.288070879	1.14868248	0.48815343	0.85882951	0.23899	1.15477	0.55984	0.751
1.13887483	0.462820341	1.01846376	0.43852386	0.94074894	0.74195	0.75304	0.33452	1.06319
0.77717846	0.589218569	0.95819449	0.90363156	0.5202104	0.34002	1.08904	0.67567	0.72791
0.65409698	0.640670427	0.96024238	0.71321837	0.77816636	0.35707	1.0418	0.98451	0.44528
0.55566192	0.732975438	0.79493148	0.40679033	0.91929809	0.55922	0.72439	0.90303	0.29472
0.9724358	0.634283916	0.97865858	0.41281783	0.92142848	0.86373	0.57735	0.41645	0.98752
0.69947835	0.036934786	1.79406271	0.10015849	1.59847283	0.03781	2.09756	0.47272	0.71596
	0.276771244	1.826361					0.2336	1.82636
	0.54643115	0.25080616					0.5414	0.25081
0.93716346	0.663274035	0.55642069	0.51337776	0.75118918	0.48931	0.81779	0.67851	0.54614
1.07365826	0.716719149	0.70026151	0.61918502	0.69955533	0.69972	0.6808	0.58662	0.76069
1.38618058	0.836612496	0.45915198	0.8802477	0.40159447	0.545	0.79626	0.52986	0.82365
0.82736988	0.906866757	0.66007212	0.82641234	0.55958552	0.46131	0.96048	0.95609	0.46242
0.82883842	0.793005382	0.88188768	0.80877318	0.58714572	0.43369	0.97612	0.9858	0.32
	0.372157814	1.29917001	0.51021808	0.72485946	0.25196	1.62361	0.63165	0.64922
0.65624189	0.661973108	0.87490109	0.42148933	0.93423089	0.69532	0.69739	0.59411	0.80485
0.86582853	0.442506375	1.00444989	0.66435861	0.74533323	0.41299	1.00484	0.44464	0.89884
1.00303601	0.667915905	0.95661223	0.53123047	0.74857091	0.42978	0.98334	0.94234	0.46349
	0.527068529	0.7003062	0.51868094	0.7003062				
1.49000252	0.455250824	1.00876065	0.06057311	1.70648294	0.42115	0.9892	0.25131	1.22088
0.71895188	0.773085286	0.79160648	0.76838382	0.66854261	0.46005	0.96285	0.81023	0.58795
1.12222966	0.451881179	1.03568404	0.55268406	0.80682655	0.78204	0.64318	0.30702	1.1156
0.7106831	0.606843864	0.97134268	0.28004466	1.06740866	0.70093	0.83425	0.98964	0.43712
0.71902184	0.708757309	0.42427183	0.71949087	0.36862665	0.50405	0.87213	0.59449	0.55402
1.4978897	0.399583078	1.63385839					0.37036	1.63386
0.84583732	0.657487279	0.77245178	0.60192539	0.80811575	0.56783	0.82379	0.63857	0.6529
1.43726422	0.483774195	1.43772408			0.30838	1.44791	0.48981	0.84955
1.22076898	0.008128426	2.36554929	0.00264226	4.17610096	0.24647	1.40834	0.07	2.30241
1.39525737	0.428816243	1.0452193	0.49579402	0.79492813	0.75793	0.59829	0.33361	1.08414
0.98411628	0.527659575	0.85938241	0.48530277	0.87153446	0.49441	0.8332	0.51165	0.83153
0.57062047	0.102526197	1.29334342	0.076619	1.47801837	0.55089	0.8687	0.19817	1.20529
1.23461255	0.272484701	1.43280354			0.49467	0.54567	0.29976	1.43312
0.53346756	0.61835176	0.88981978			0.43825	0.8251	0.42036	0.90157
0.88341046	0.537749918	0.95875617	0.72489346	0.43820068	0.62651	0.70821	0.34085	1.33082
0.99897483	0.480471354	1.01005277	0.57224661	0.79945969	0.84353	0.58188	0.37311	1.03756
	0.554887533	0.79238838					0.44867	0.79239
	0.415080688	1.12466436					0.38816	1.12466
1.0402822	0.568817365	0.80148732	0.46825871	0.87216236	0.56064	0.66086	0.53321	0.78491
	0.821164992	0.30879693	0.84919699	0.31078131			0.56641	0.18633
0.80027764	0.826829314	0.86810825	0.22437142	1.1240586	0.98481	0.48637	0.99513	0.35836
1.39604875	0.819469109	0.7407381	0.96351386	0.45487612	0.92474	0.44236	0.05692	2.28351
0.97200917	0.642300639	0.90142906	0.61744327	0.74252571	0.36475	1.11636	0.88656	0.52803
1.19212226	0.583997743	0.98131189	0.79187129	0.6861813	0.95463	0.50508	0.37567	1.02933
1.36556718	0.426013531	1.02443429	0.58777505	0.49907982			0.3981	1.02513
	0.370555943	1.33015923	0.52957023	0.65763113	0.5134	0.6396	0.33204	1.34663
0.90995198	0.815179884	0.55178318	0.63703896	0.5239697	0.60281	0.66097	0.82341	0.53811
0.71265019	0.642412507	0.74856214	0.51212788	0.76026548	0.46574	0.89659	0.6635	0.68315
0.87182472	0.735827345	0.71430688	0.57564592	0.73584059	0.70656	0.66644	0.66508	0.75145
1.17357969	0.722318088	0.61532916	0.64820973	0.66325092	0.48907	0.76642	0.7074	0.57438
0.73306453	0.614690668	0.96764767	0.38191291	0.96847089	0.55717	0.76393	0.4736	0.57167
0.95607052	0.96619715	0.51722404	0.60509943	0.84025653	0.60353	0.79124	0.99054	0.40193
	0.614467043	0.5493544	0.49975641	0.75291898			0.62106	0.54935
0.72876852	0.834543858	0.60919086	0.4431384	0.89308322	0.56119	0.64218	0.89211	0.5041
1.32489568	0.168541676	1.21522484	0.23754651	1.1568366	0.76426	0.70469	0.03331	1.99947
1.00960658	0.424473867	1.08862435	0.51377098	0.77395049	0.8013	0.45328	0.27516	1.23639
1.00771252	0.58748126	0.99360104	0.75261823	0.64139415	0.42244	0.99446	0.45125	0.68331
1.38121653	0.78507635	0.40128922	0.84729912	0.27539512			0.45961	0.83672
0.86072573	0.444181057	1.01963369	0.59333249	0.76168008	0.70122	0.70574	0.3818	1.03055
0.75393447	0.982277136	0.59010375	0.65179763	0.80475584	0.89255	0.68385	0.99133	0.41659
	0.714877009	0.48612356	0.73648858	0.48612356				
	0.43141005	1.03317254	0.6180635	0.65097702	0.60471	0.50998	0.38948	1.03996
1.06171701	0.69739213	0.83700575	0.42189729	0.92711009	0.76883	0.65348	0.46794	0.90214
	0.536310855	0.65382702					0.47047	0.65383
0.83195733	0.643558432	0.57772468	0.65063047	0.54621076	0.5004	0.81314	0.5484	0.70185
1.73032529	0.247169288	1.19621015	0.16837129	1.33330393	0.30734	1.20766	0.64254	0.81989
	0.41758626	1.0172827	0.38226604	0.98095929	0.07173	1.64988	0.05497	1.69235
0.89281311	0.729302866	0.87656602	0.81896113	0.60471304	0.45462	0.97423	0.74348	0.73527
0.91613425	0.019316393	1.49392097	0.05406577	1.421899	0.60332	0.87022	0.01171	1.87219
2.30976098	0.09323787	1.29271207	0.08528972	1.47150113	0.21599	1.39857	0.24799	1.16513
2.635289	0.270684914	1.18176464	0.26840327	1.23533718	0.46146	0.92586	0.29831	1.18251
0.93313715	0.890029581	0.66212756	0.75708155	0.61253319	0.76447	0.71011	0.84217	0.6428
2.7595491	0.000193147	2.15000993	0.00128466	2.73548283	0.13508	1.37161	0.00035	3.12731
1.75628895	0.546561433	0.96711988	0.81770923	0.5090853	0.78398	0.51446	0.23828	1.3209
0.73646348	0.409994507	1.10903287	0.70974333	0.45871267	0.58531	0.7412	0.30109	1.21199
0.82022714	0.568080414	0.78807443	0.45786629	0.83163541	0.53548	0.79447	0.4333	0.30341
0.93211465	0.346598551	1.13278858	0.30767574	1.13538936	0.51317	0.78062	0.52375	0.82066
1.4839356	0.313992271	1.38596294	0.64392796	0.60125462	0.46832	0.90225	0.17017	1.88489
	0.687902975	0.58526089	0.83539174	0.26510238			0.4033	1.42316
1.16486894	0.475168622	1.02274144	0.41875078	0.89329306	0.61991	0.599	0.40329	1.05866

2.05757868	0.164741591	1.16729698	0.31012761	1.07308022	0.51865	0.90724	0.02772	1.95453
0.84198098	0.561714822	0.7512918	0.55588057	0.64864397	0.48682	0.81999	0.47138	0.82506
0.94552443	0.609981996	0.66451891	0.59845383	0.54621076	0.53179	0.7452	0.43358	0.72729
1.77441025	0.369506264	1.27841408	0.5077787	0.7601643	0.56907	0.80728	0.28279	1.46029
2.03915894	0.005648568	1.89853812	0.00787666	2.29598176	0.61598	0.86383	0.00644	2.24809
1.44304175	0.689674113	0.94338567	0.92797675	0.45561132	0.70294	0.66709	0.42499	0.97945
1.1026688	0.160015114	1.16406312	0.08265687	1.79188605	0.37369	1.04928	0.12162	1.40655
	0.880671302	0.64253522	0.99913502	0.25542199	0.24281	1.58068	0.06062	3.28118
0.48999932	0.541536904	0.9902527	0.39886609	0.96174704	0.78366	0.629	0.36	1.06031
1.45126166	0.617777202	0.9848023	0.3808536	0.9852412	0.90957	0.62015	0.12916	1.47105
0.62933261	0.735153472	0.45437961	0.70670429	0.46830756	0.6157	0.24331	0.6413	0.47688
0.78034991	0.788077013	0.89288085	0.42274263	0.96040787	0.45165	0.97886	0.97511	0.50233
1.40493588	0.827660008	0.77826639	0.5105381	0.85602327	0.97179	0.53071	0.35383	1.13099
1.29086953	0.681861228	0.85888445	0.85792754	0.44124094	0.86591	0.50404	0.3032	1.20813
6.10210081	0.046421162	2.10223881	0.06739315	2.20084642			0.09061	2.00991
1.02155252	0.266206494	1.09805478	0.29140688	1.08495382	0.82183	0.7154	0.08557	1.44516
1.34950584	0.361284671	1.26431483	0.66972887	0.58295143	0.23959	1.50663	0.51578	0.75072
	0.57164005	0.9840318	0.66708499	0.65818476	0.43286	0.98478	0.35855	1.50114
1.35052346	0.990613342	0.5297612	0.91766457	0.51994271	0.99684	0.41654	0.46299	0.9552
0.79982858	0.639335381	0.73661206	0.62474518	0.69955533	0.55133	0.76366	0.57417	0.78019
0.7761584	0.67099927	0.85949136	0.02982983	3.83892898	0.51546	0.93883	0.93035	0.59229
	0.559255515	0.65877241			0.49106	0.80273	0.54338	0.63577
1.60959226	0.251128449	1.2211798	0.49291018	0.78899294	0.36166	1.12134	0.20004	1.36716
1.12706352	0.618265272	0.79963763	0.6216152	0.58863667	0.59124	0.68265	0.4528	0.90264
	0.366517572	1.3350234	0.4994051	0.80089242	0.60727	0.62311	0.28033	1.52369
	0.999990184	0.00306375	0.99999967	0.00306375				
1.32054362	0.03928066	1.70481344	0.08845545	1.8057345	0.1266	1.74567	0.1268	1.59464
0.8916576	0.101998093	1.48197047	0.17602737	1.3153844	0.48586	0.86139	0.06846	2.24664
0.89320316	0.254086845	1.2089928	0.208371	1.47650659	0.39398	1.082	0.2851	1.47373
1.46070037	0.362983756	1.22162676	0.57743019	0.74816172	0.54442	0.79665	0.28456	1.31963
0.82514266	0.391721065	1.09585456	0.47900453	0.84604616	0.56004	0.7782	0.34879	1.10719
	0.004394686	1.96102705	8.4135E-05	3.60156658	0.85458	0.69015	0.00158	4.02124
1.26137763	0.630485435	0.99530668	0.36757861	0.99555953	0.50912	0.66137	0.79446	0.63378
1.24526519	0.359378637	1.30676707	0.47327367	0.79182869			0.31814	1.32615
1.36143032	0.838278898	0.68482721	0.68828131	0.67903346	0.89281	0.54025	0.45216	0.93447
0.94681276	0.444363346	1.02839795	0.77296229	0.41784207	0.37669	1.04625	0.60928	0.61626
	0.973184341	0.57609296	0.84168735	0.61379307	0.69715	0.82079	0.99258	0.34681
	0.716861732	0.53239634	0.74255883	0.48769265	0.55075	0.75519		
1.00351885	0.579432384	0.88778941	0.57119641	0.7348497	0.55969	0.70032	0.45458	0.92854
	0.438299547	1.09834764	0.41652051	0.89329306			0.25165	1.65867
	0.62474437	0.96884604			0.59864	0.66097	0.41215	0.97119
0.83469311	0.582833435	0.91136814	0.52948376	0.74801062	0.61148	0.66192	0.44994	0.94362
	0.602807954	0.97692648	0.4859648	0.80340049	0.73712	0.49965	0.41167	0.98101
	0.39588282	1.02467075	0.35327126	1.02724349			0.6957	0.57334
2.00450746	0.36620908	1.08307202	0.75274961	0.54666499	0.33638	1.15961	0.33399	1.10044
0.97968908	0.588169457	0.79009439	0.50651009	0.78754481	0.58187	0.78357	0.53862	0.81213
	0.040674248	5.44770854	0.52206411	0.70721554			0.01784	5.64378
	0.48977975	1.0337809	0.85831147	0.29927635	0.57681	0.81085	0.18346	1.91646
1.21416537	0.440780938	1.0476917	0.6421297	0.69788322	0.86638	0.68231	0.08048	1.54587
1.23623755	0.730201413	0.73451811	0.64400394	0.66325382	0.68179	0.75905	0.63699	0.72593
0.77598886	0.633907992	0.91093824	0.56642498	0.71755012	0.92501	0.45313	0.35947	1.10933
0.86673624	0.667334777	0.93183703	0.40957243	0.76096726	0.42815	0.97262	0.9082	0.37696
0.84617917	0.792712383	0.61049142	0.66359771	0.64457909	0.64039	0.68402	0.7755	0.55765
0.53265706	0.631698373	0.95460108	0.72209096	0.64085704	0.65432	0.80156	0.42974	0.97653
1.02630894	0.490981244	1.0077609	0.40288588	0.96136289	0.74782	0.71608	0.20129	1.23472
1.78106318	0.000262659	2.02036661	0.00012473	3.96568332	0.14542	1.27295	0.00031	3.43195
2.18991018	0.641061629	0.93352635	0.63033374	0.70185961	0.95246	0.59361	0.22739	1.17656
	0.464827776	1.02910814	0.83188406	0.33252523	0.5634	0.75772	0.36661	1.0764
	0.937294185	0.66103752	0.84644402	0.60481382	0.91814	0.63967	0.70122	0.77529
	0.025766407	2.41476654	0.01097956	2.80504909	0.5221	0.82919	0.23154	1.70999
0.69705163	0.999798873	0.36684111	0.9994786	0.19166405	0.9622	0.51175	0.99031	0.38057
	0.342209326	1.77989243					0.30536	1.77989
1.36656187	0.664526003	0.65720328	0.50016076	0.75702714	0.67326	0.65532	0.54864	0.67888
	0.33897137	1.245129	0.79026146	0.35959734	0.2931	1.33859	0.24378	1.76092
1.02347039	0.081902104	1.29465525	0.12266491	1.27659911	0.57968	0.87578	0.08836	1.39297
	0.762380228	0.38025114	0.78933184	0.38006235			0.49709	0.7282
	0.36635018	1.39349239					0.33251	1.39349
1.28065014	0.621419582	0.98737441	0.37177856	0.98746707			0.55367	0.75951
1.07390735	0.076455072	1.70554228	0.14555699	1.50051409	0.21309	1.66843	0.07422	4.10134
1.52286944	0.641019494	0.95911734	0.38267026	0.96767136	0.69114	0.67882	0.43523	0.91522
	0.346301465	1.13930403			0.47982	0.88875	0.35653	1.14653
2.67893619	0.511220012	0.99995541	0.79062121	0.58826782	0.26627	1.14342	0.85066	0.52482
	0.64420873	0.8224202	0.89181687	0.23202519	0.37829	1.19053	0.71677	0.36442
	0.494280239	1.06091431			0.39356	1.06475	0.46897	0.87684
1.12474725	0.825375288	0.55988093	0.72563391	0.5836997	0.81146	0.54438	0.49464	0.89903
1.01331661	0.547282428	0.97880117	0.77289966	0.7122462	0.34966	1.09682	0.62568	0.81194
	0.443880635	1.02596816	0.6735803	0.52343986	0.39754	1.03471	0.45358	0.90292
	0.327038652	1.2797925			0.28846	1.27979		
1.79978554	0.390284905	1.26340041					0.35972	1.2634
	0.999742716	0.03425336	0.99997297	0.03425336				
1.11475757	0.000187765	2.30495158	0.00196441	2.12432642	0.52478	0.93277	0.00061	2.79944
1.89717178	0.000733752	3.23457455	0.00577816	3.72253852	0.06739	2.62382	0.00845	3.2224
1.00930763	0.536351227	0.99439782	0.38371738	0.96811839	0.38847	1.03054	0.72845	0.67727
1.74814596	0.427455889	1.16112554			0.24152	1.22859	0.65027	0.7188
6.70446824	0.261175292	1.37736627	0.21551177	1.38061235			0.46153	0.40615
	0.619013558	0.97570087	0.37363822	0.97570087				
0.47226752	0.281518023	1.3386937	0.13319617	1.79785285	0.44599	0.91147	0.65424	0.40921
1.62811344	0.278605258	1.18782203	0.06232106	1.60236741	0.77782	0.74154	0.4821	0.92973
3.84857192	0.528070343	0.66200631					0.51986	0.66201
1.0683896	0.593247477	0.68710021			0.68262	0.68317	0.56078	0.71676
	0.418226165	1.06393991					0.39179	1.06394
	0.576091457	0.57866205					0.57619	0.57866
0.65942955	0.496126457	1.38605983			0.19417	1.38784	0.52465	0.52352
1.18093414	0.161603369	1.38175537			0.46955	0.92988	0.15629	1.47389

2.36499605	0.000116614	2.36499815	0.00302491	3.28393457	0.04541	1.61907	0.00028	3.4312
0.92148275	0.414453943	1.03885666	0.28738527	1.10034966	0.65657	0.56378	0.426	0.96044
0.82747651	0.851138429	0.63502187	0.48951392	0.91338803	0.51003	0.93757	0.8853	0.62644
2.35365356	0.004845581	1.76719126	0.0345399	1.62883655	0.01516	1.80973	0.08551	2.81996
	0.174637492	2.02003329	0.12931093	2.02003329				
1.18686928	0.81538564	0.77107227	0.44457872	0.93286725	0.84714	0.68237	0.68321	0.79195
	0.535950203	0.64278368					0.5291	0.64278
	0.5876423	0.92520999					0.41028	0.92521
0.98734147	0.494127301	1.039041			0.36899	1.10111	0.76518	0.45682
	0.541887335	0.38029803					0.53607	0.3803
	0.387487939	2.79779606					0.35653	2.7978
1.46438236	0.174907713	2.38978542			0.54537	0.58431	0.15294	2.57731
1.64043322	0.613808356	0.8102825	0.39544305	0.81037277	0.44426	0.82353	0.45323	0.25931
	0.389836913	1.10276357	0.08193698	2.48390885			0.4056	0.93125
	0.023675957	6.32727132	0.00921585	6.32727132				
0.770061	0.56294411	0.75539276			0.67399	0.74818	0.51915	0.88286
1.30517191	0.591141715	0.9407694			0.56447	0.67462	0.44145	0.94783
1.02038341	0.259854851	1.05325879	0.00131416	2.15280537	0.9024	0.68714	0.373	1.023
0.90764311	0.305240747	1.21702992	0.25968814	1.22457328	0.52256	0.69819	0.52286	0.85756
	0.503033884	1.01293156	0.41855661	0.87754763			0.35373	1.46661
	0.128002593	1.290014	0.15998426	1.46477413	0.33743	1.10554	0.07951	1.95446
0.9313859	0.584570801	0.98185464	0.30562735	1.04650209	0.81793	0.74842	0.98447	0.42456
1.23514933	0.999742078	0.40396335	0.80757591	0.69017876	0.99999	0.20235	0.9665	0.5124
0.86559282	0.002182651	2.36034848	0.00847187	2.32862462	0.28244	3.00296	0.01028	2.37421
0.76118639	0.154155568	1.2158284	0.00426007	3.09100494			0.39402	1.04721
1.90144897	0.10835737	1.23247793			0.08752	1.41884	0.26622	1.13276
0.87961277	0.482132272	1.03779539			0.30815	1.18629	0.7415	0.6711
0.71217499	0.722783456	0.65202138			0.61049	0.71146	0.69883	0.62036
1.14497426	0.347430108	1.12715629			0.49388	0.90682	0.36315	1.12787
1.04274219	0.826764099	0.7275882	0.734995	0.73132864	0.57536	0.86586	0.81254	0.68648
0.9566235	0.806096246	0.63990647	0.47284481	0.87400696	0.65607	0.74731	0.83083	0.5556
	0.654701442	0.49984133	0.6677636	0.49984133				
1.61546142	0.034590267	1.3566723	0.10887893	1.28485128	0.31184	1.13475	0.01323	1.95218
1.25478042	0.477603361	1.0257797	0.42512974	0.93068342	0.23265	1.32157	0.82445	0.43142
0.99331767	0.028659815	1.44572039	0.04600827	1.46734094	0.59215	0.89043	0.03333	1.62509
0.90452431	0.620295593	0.93370481	0.45480529	0.93237145	0.17191	1.27879	0.98928	0.37893
1.38410551	0.13813368	1.22576736	0.14367192	1.24735217	0.18876	1.2456	0.57133	0.88087
1.05590879	0.268508291	1.09451143			0.2936	1.17105	0.34467	1.06985
0.83542766	0.820076043	0.69457556	0.59838617	0.83913393	0.55563	0.88473	0.86822	0.60111
0.75014303	0.953126318	0.63091943	0.6012462	0.82247273	0.77925	0.76893	0.97938	0.46931
1.21306186	0.91084862	0.60301668	0.83361655	0.5945431	0.78037	0.68197	0.8447	0.467
	0.570633576	0.81580131	0.54792197	0.79473367	0.49244	0.77693	0.44907	0.82898
0.72077151	0.033232587	3.20371795	0.00934382	5.4301065	0.52571	0.80562	0.2447	1.75968
	0.161769421	1.46637367	0.1154016	1.68088473			0.32713	1.23999
1.31745618	0.000123964	2.1589803	0.00298462	2.12300265	0.03446	1.75082	0.00128	2.95868
	0.018552469	5.90026197	0.00664797	5.90026197				
1.13601354	0.170567744	1.28627767	0.00520448	2.03556076	0.50674	0.8621	0.92368	0.59924
0.98684237	0.565410673	0.95606175			0.37287	1.04016	0.99136	0.38916
0.67769796	0.852870526	0.66133491			0.33684	1.38924	0.92524	0.49438
0.78093319	0.221731382	1.55019216	0.1759652	1.55019216				
	0.588777211	0.6303799					0.40895	0.63038
	0.293205724	1.26377162	0.46964001	0.88357499	0.17685	1.43474	0.647	0.71061
0.94960784	0.401599588	1.05865941	0.52108907	0.88656399	0.29354	1.10639	0.71377	0.73687
0.84144505	0.117120943	1.4284598	0.10746681	1.47895651	0.21281	1.40412	0.55388	0.81825
1.54216239	0.002298291	2.34646982			0.00924	1.80647	5.6E-05	4.01343
	0.968997779	0.35027028			0.99264	0.49483	0.99999	0.04887
0.57091568	0.310135252	1.2663929	0.20432861	1.40773422	0.60183	0.6087	0.63192	0.65575
1.34346474	0.51219796	0.99844466	0.57000181	0.75945313	0.36463	1.25835	0.64202	0.72654
1.12404191	0.818569184	0.70755138	0.73051085	0.64933446	0.80112	0.68875	0.58844	0.84494
1.21225243	0.444307724	1.09188833	0.63981276	0.6224815			0.36794	1.1735
0.77501417	0.059697581	1.46472679	0.04273986	2.00358585	0.33419	1.13405	0.08663	1.74572
1.27250451	0.421096219	1.02779536	0.92664623	0.60334465	0.31713	1.06861	0.2849	1.10156
1.14836879	0.310184049	1.07922598	0.23471281	1.16549459	0.34018	1.06805	0.72317	0.71889
1.22468514	0.530198353	0.99559614	0.32073747	1.03942607	0.83465	0.71868	0.89396	0.63718
	0.458082004	1.02206438	0.41630414	0.91096774	0.40419	1.03643	0.56256	0.5959
0.88477638	0.09243149	1.73774155	0.0352789	1.95482501	0.61063	0.56862	0.58542	0.77528
	0.282799979	1.80056792					0.24008	1.80057
	0.588145293	0.98718723					0.40969	0.98719
0.831838	0.335798434	1.19221253	0.45365554	0.90589705	0.64573	0.75825	0.1777	1.46483
0.87361591	0.663644063	0.93406632	0.60441864	0.84527615	0.28823	1.09831	0.98377	0.4691
	0.236244779	1.36310156	0.2726233	1.25029649			0.14933	3.66395
	0.085797964	3.19637198	0.05103812	3.19637198				
1.69935065	0.000548594	2.2301078			0.00155	2.5088	0.00888	2.00743
0.91280923	0.132398239	1.19604243			0.04562	2.13468	0.34303	1.07938
0.70346465	0.649752995	0.80249267			0.45645	0.82846	0.61929	0.79772
	0.394722397	1.41021538					0.36479	1.41022
	0.308957236	1.44205997	0.56404792	0.65096037			0.25141	1.50324
0.89125034	0.631166972	0.97987506	0.41991924	0.94847427	0.42761	0.98939	0.84476	0.65983
0.72307206	0.878697774	0.71647043	0.710777	0.78590584	0.55393	0.91803	0.91077	0.62577
0.78234479	0.605092236	0.95079842	0.39882258	0.95341327	0.46717	0.92707	0.45941	0.8815
1.67989687	0.893709436	0.55662724	0.50447826	0.76026548	0.94451	0.46516	0.44928	0.90422
1.21782043	0.42185758	1.07558983	0.49105267	0.8210614	0.47102	0.90536	0.38775	1.08382
1.13188259	0.505054759	1.00441228	0.52755754	0.83161383	0.89028	0.57258	0.20437	1.27569
0.80867872	0.507964676	1.00132977	0.42243843	0.95434695	0.23855	1.14299	0.93871	0.43917
1.17047829	0.565466738	0.75469171					0.56374	0.75469
1.07950208	0.443059709	1.31194987			0.17065	1.32719	0.45696	0.81307
1.10242774	0.493174983	1.15707463			0.32975	1.1592	0.5106	0.90135
0.78965904	0.062693999	1.46652821			0.1254	1.75865	0.14218	1.37299
1.3511419	0.600545664	0.99151281	0.66141181	0.74686317	0.43989	0.95411	0.40801	0.99252
1.13696864	0.790529854	0.63442499	0.55288004	0.77972034	0.80576	0.59251	0.63284	0.71675
1.70479283	0.003984009	1.59764943	0.01804298	1.74376941	0.12543	1.30025	0.00845	2.0138
3.07172354	0.232106525	1.22330229	0.16569151	1.28888928	0.58828	0.84448	0.38629	1.17749
1.22591215	0.192025916	1.17591555	0.10461907	1.42693322	0.57782	0.87102	0.30504	1.10171
	0.015784196	7.87844164	0.00535254	7.87844164				
0.96017108	0.422323717	1.06561839	0.61241447	0.64752623			0.37759	1.07951
	0.505822914	1.00642644	0.79194239	0.4485364	0.61927	0.47819	0.32526	1.23095
1.12177452	0.403758401	1.10463267	0.41446262	0.91774986	0.53593	0.81512	0.20238	1.54251
1.12147136	0.579552824	0.98459136	0.32242319	1.03706612	0.89586	0.51365	0.99308	0.37059
2.78517608								
1.38117713	0.144290786	1.11220812			0.05675	1.48559	0.36044	1.043
0.9216985	0.649215741	0.9122827	0.72214529	0.73922596	0.24788	1.20774	0.95086	0.42537
1.02447482	0.669155502	0.75758164	0.62650434	0.74378316	0.63926	0.76679	0.50087	0.89521
1.75561119	0.000731544	2.0703746	0.60226354	0.84690116	0.0004	2.67639	0.00892	1.94401
1.63812812	0.501889426	1.00199492	0.63028765	0.78266354	0.39916	1.01925	0.88774	0.56729
1.17958983	0.451062597	1.04537368	0.69185642	0.68755735	0.65873	0.63995	0.31538	1.14113

1.47475364	0.047454369	1.52346528	0.47958365	0.92163856	0.25043	1.20287	0.00883	2.23856
1.02519604	0.697658811	0.85380251	0.60097891	0.79538567	0.7364	0.71121	0.41509	0.92906
1.8007434	0.000303762	2.16928655	0.00795681	2.23925233	0.00456	2.51175	0.02044	1.88532
1.11479486	0.368693189	1.09072489	0.18107244	1.23484284	0.75539	0.64157	0.67386	0.76886
1.30311388	0.477411078	1.05953412			0.31606	1.11742	0.77217	0.54038
1.24097097	0.507925989	1.12853269			0.36446	1.12881	0.51187	0.58357
1.00361164	0.912440917	0.63489505	0.81020921	0.64025721	0.65005	0.80101	0.90869	0.54547
0.48717204	0.757879799	0.70181407	0.63031898	0.77273313	0.77388	0.64709	0.48382	0.92782
	0.702817465	0.75032289	0.69403573	0.72001315			0.62503	0.79123
1.11382292	0.416124094	1.08196497	0.48105705	0.84686572	0.38176	1.08914	0.4628	0.82139
0.90973758	0.57723246	0.94738831			0.27014	1.11471	0.9846	0.42999
0.82175564	0.482655537	1.02184048			0.06758	1.39408	0.98726	0.44241
	0.315653215	1.76439948	0.61374227	0.64319423	0.51484	0.78739	0.15398	3.55818
1.01915463	0.808253172	0.78145203	0.81010913	0.6816808	0.65868	0.84716	0.66737	0.81978
	0.131213547	1.7209659	0.21386777	1.44654138			0.09348	2.90318
	0.867002223	0.23186972	0.89810702	0.23186972				
0.93120916	0.999960954	0.29340844	0.97587387	0.40198217	0.99448	0.30079	0.9997	0.21185
1.44882151	0.39579424	1.06231481	0.44980389	0.93284465	0.28158	1.11703	0.75631	0.5676
2.0897724	0.00201762	2.05142978			0.00555	1.85211	0.00173	2.39483
1.67346615	0.004047258	1.89789405			0.01033	1.74407	0.00414	2.14443
0.94958229	0.877739623	0.53047801			0.99468	0.4756	0.47117	0.95246
0.95170521	0.900584392	0.63382158			0.57158	0.902	0.93496	0.51559
2.28423635	0.356308261	1.06673837	0.31945248	1.06755713	0.52928	0.8191	0.49177	0.85161
1.09520035	0.129312298	1.20344333	0.60758233	0.82683015	0.29646	1.09158	0.03117	1.63475
	0.315393811	1.08560243	0.31447148	1.07012998			0.25758	1.61852
1.24303113	0.381605536	1.09597127			0.35788	1.0461	0.09779	1.54463
1.15280448	0.449126605	1.03341527			0.32276	1.13357	0.42547	0.95329
1.0488669	0.443132119	1.33557985			0.29462	1.63954	0.63976	0.4815
0.82193617	0.743454517	0.9460821	0.6890753	0.76490465	0.43296	0.98696	0.99579	0.35112
	0.415797772	1.07960606	0.42192914	0.88940659			0.33798	1.13613
	0.564938369	0.91221001	0.87663498	0.30890793			0.27069	1.53721
1.32225774	0.666999665	0.91688902	0.87413138	0.60316923	0.32035	1.10493	0.90555	0.45045
1.07555126	0.496187366	1.00470574	0.95633187	0.49211085	0.38453	1.04304	0.33302	1.07776
1.38765013	0.984626898	0.50035213	0.88647677	0.61193717	0.49095	0.95183	0.98987	0.40959
	0.262235896	1.90629501					0.2181	1.9063
1.12840811	0.331140122	1.04501945	0.61638623	0.81322687	0.22673	1.1894	0.36662	1.03008
	0.349752742	1.07029744	0.34149046	1.06040855			0.34755	1.28117
1.20535832	0.764878149	0.67694342	0.51219399	0.81499745	0.62587	0.72063	0.77359	0.66416
1.3416195	0.690237284	0.64555675	0.53110393	0.77158824	0.71058	0.61728	0.52683	0.84518
0.95135468	0.411289339	1.10707481	0.56971891	0.7034997	0.32869	1.17273	0.66776	0.52081
1.22908472	0.208924091	1.38129789	0.52779103	0.82447931	0.61504	0.78101	0.11335	1.54536
1.09895363	0.621323305	0.99601556	0.36804083	0.99591509	0.40173	1.0532	0.67505	0.71351
1.1641928	0.626847464	0.97248628	0.39746222	0.97695101	0.9736	0.57369	0.10242	1.35086
	0.534281265	0.51988563					0.47286	0.51989
	0.327803246	1.27484879			0.36089	1.15948	0.23196	1.57279
0.8435613	0.495944098	1.18734649			0.22093	1.18862	0.53332	0.63459
1.42327267	0.285116705	1.12690478			0.50504	0.94708	0.31	1.12752
1.12778465	0.578745018	0.72228091	0.57913176	0.72230883			0.49473	0.71557
1.11203716	0.425699875	1.01008052	0.52357457	0.79116865	0.52497	0.79499	0.39991	1.01013
	0.222408021	1.41887076	0.45214426	0.8391731	0.27069	1.31354	0.17245	2.13342
	0.569103705	0.85270039	0.43300832	0.85446665			0.48181	0.51482
1.01181143	0.974980245	0.50010767	0.77762941	0.67643108	0.50616	0.9185	0.98806	0.42099
1.28922479	0.778368752	0.70860521	0.71374601	0.70810453	0.70177	0.67774	0.65466	0.74279
0.58298462	0.435926685	1.05525195	0.31816382	1.16354449	0.44496	0.94916	0.65968	0.41825
0.9739479	0.580645538	0.99491009	0.51130645	0.744813	0.4195	0.99497	0.59205	0.59465
1.35960448	0.670115898	0.66308398	0.49592831	0.85628941	0.69214	0.62387	0.52698	0.87271
2.35684482	0.710951659	0.4488596	0.69839022	0.44588172	0.51114	0.69898	0.6319	0.44903
1.04435387	0.039121871	1.37517577	0.04066209	1.68864541	0.11318	1.34069	0.22049	1.21845
0.57986392	0.126803337	1.23917848	0.24084681	1.1282448	0.03531	2.00991	0.52567	0.84383
0.62722551	0.402194424	1.01692428	0.3511208	1.02038366	0.62439	0.70937	0.41078	0.93305
0.69734449	0.652276195	0.96992664	0.37909013	0.97799951	0.73191	0.61299	0.7653	0.55969
1.97374191	0.518605561	0.99862594	0.9985177	0.27965687	0.40084	1.01628	0.16179	1.43988
	0.587610813	0.23587541					0.58969	0.23588
1.14537589	0.424217165	1.21619395			0.38917	1.15868	0.35482	1.49401
0.96842727	0.041400169	1.2426414	0.06617739	1.413924	0.33859	1.05439	0.00081	2.74536
1.40096765	0.31672814	1.07498691	0.46906499	0.87957437	0.34269	1.06888	0.32798	1.08536
	0.663282092	0.68964401	0.85986686	0.27099739			0.36453	1.45397
1.18992412	0.396321772	1.05413721	0.49263976	0.81689036	0.50539	0.85373	0.36643	1.05423
	0.796685646	0.49650475	0.76921227	0.51615187	0.50061	0.84197	0.72213	0.45576
0.76989088	0.393618559	1.00389523	0.36250458	1.00392599	0.61007	0.72602	0.50163	0.5497
0.96973018	0.164121803	1.37031747	0.16532626	1.86729217	0.61685	0.84046	0.12364	1.48225
	0.310486919	1.10396492	0.3345419	1.08778862	0.36807	1.12994	0.37786	1.15082
0.9099977	0.831733412	0.59730247	0.52797351	0.67135293	0.86525	0.57246	0.43472	0.80172
1.154033	0.114230094	1.8103941	0.077373	2.49758047	0.24049	1.45905	0.53429	0.5684
0.714826	0.65120804	0.90987013	0.96405574	0.5454622	0.11415	1.47304	0.5939	0.82535
	0.503218491	1.00314721	0.28731465	1.0850347	0.91391	0.58952	0.43358	0.83976
	0.523975733	0.23114306					0.51505	0.23114
	0.150003334	2.56430333	0.10610853	2.56466518			0.49419	0.24116
	0.245421176	1.47480773	0.23167453	1.47470287			0.34092	1.47514
1.61262807	0.496349626	1.00689714	0.27240324	1.11836946	0.67999	0.82276	0.80176	0.68248
	0.996978625	0.3041989	0.82398222	0.32248312	0.60098	0.39969	0.9988	0.30133
2.65063749	0.12052156	1.31266095	0.11548051	1.36695717	0.46844	0.96182	0.15598	1.43258
0.9886409	0.746476006	0.83563306	0.40827644	0.93871446	0.87607	0.54894	0.52445	0.72427
0.74397617	0.836692314	0.57441095	0.53386551	0.7794467	0.82647	0.55597	0.72884	0.59488
	0.626440734	0.60935162	0.63009065	0.51865691			0.43987	0.72924
	0.590125039	0.87830593	0.41616662	0.8881116			0.43516	0.55566
	0.521521293	0.70878451					0.48783	0.70878
0.86468218	0.785084282	0.51094111	0.60788948	0.50218066	0.74436	0.54794	0.71164	0.42098
2.52086712	0.000952922	2.12824221	0.01929182	1.72185956	0.0009	3.9778	0.07293	2.06429
0.55443124	0.894013125	0.54566471	0.79546842	0.53363407	0.68894	0.70978	0.88228	0.41077
0.62642429	0.533700505	0.99376426	0.29050448	1.05723334	0.6595	0.85645	0.97064	0.49536
	0.450850506	1.03893816	0.73361876	0.46056807	0.52857	0.69144	0.38469	1.06623
	0.131249622	1.67414575	0.09505822	2.30485171	0.15968	1.7984	0.42496	0.85599
0.90660057	0.654764393	0.70679479	0.52386144	0.54678722	0.66647	0.70429	0.51605	0.83238
0.42234366	0.628321799	0.73768894			0.72916	0.70368	0.47062	0.91361
2.29246214	0.490702422	1.31001896			0.31988	1.31722	0.52319	0.6908
1.77470575	0.084766078	1.32077768	0.09469648	1.37496152	0.76045	0.79225	0.0142	2.10822
1.21370738	0.378330744	1.05720115	0.48380236	0.91278448	0.25444	1.12108	0.40598	0.94402
0.81964548	0.884105879	0.66885666	0.91281018	0.5218451 2	0.63903	0.86253	0.79014	0.5091
	0.531474402	0.97942972	0.73802751	0.66642303	0.49772	0.8605	0.36556	1.15314
0.90002576	0.612928368	0.51373132	0.52465796	0.74552596	0.57031	0.54931	0.60439	0.38259
0.81219902	0.522858725	0.99573719	0.52453401	0.82408352	0.33	1.05978	0.90463	0.62086

0.84277722	0.16629795	1.18193171	0.21934192	1.14870484	0.18018	1.24342	0.49555	0.9163
0.9880994	0.581548945	0.96889756	0.98025046	0.46732285	0.19889	1.30969	0.38175	1.06031
0.92729875	0.696987446	0.7149599	0.52338218	0.76596593	0.65516	0.69674	0.65793	0.7274
	0.581930678	0.91846162	0.86195543	0.38941491			0.36683	1.1691
1.06063309	0.803777028	0.61558779	0.68640992	0.66868605	0.80175	0.58703	0.51117	0.57862
0.65339103	0.293777492	1.18336673	0.12371592	1.61842531	0.20181	1.36515	0.92177	0.42799
0.86998796	0.412312755	1.033633	0.31758912	1.08374576	0.44049	0.97541	0.39891	1.10028
1.30396265	0.654924252	0.94035441	0.38032837	0.95199338	0.78325	0.74116	0.34547	1.20055
	0.620014519	0.12536941					0.62753	0.12537
0.84039858	0.002542878	5.15413118	0.00010214	7.15041263	0.66338	0.55883		
1.36197157	0.429170364	1.02379182	0.51908418	0.78121829	0.40369	1.02399	0.523	0.70185
0.89522283	0.629747921	0.96464149	0.86911109	0.57736584	0.92133	0.61728	0.37515	1.03519
	0.576992942	0.99773301	0.87862019	0.28357551	0.4186	0.99761	0.15789	1.65851
	0.581416385	0.9998778	0.63306303	0.55164162	0.4175	0.99988	0.34232	1.41569
0.79338241	0.717160692	0.78960279	0.39796192	0.88762559	0.75938	0.64156	0.56466	0.63167
0.71820112	0.408615416	1.05712896	0.94125248	0.58919332	0.05938	1.43154	0.63019	0.799
1.94362091	0.003948114	1.79383055	0.00734615	2.19136645	0.06119	1.48458	0.04957	2.27491
	0.984117951	0.10193778	0.99350099	0.10193778				
0.83564963	0.808268888	0.74963153	0.84862796	0.65365196	0.46627	0.96248	0.76053	0.49185
1.07171484	0.793763777	0.77267486	0.80061759	0.55929806	0.84589	0.68026	0.38297	1.16414
	0.425965823	1.09448277	0.6399043	0.4938134			0.37367	1.12482
1.02940553	0.32840775	1.07864932	0.09482263	1.3221541	0.94096	0.62242	0.25124	1.15959
	0.532389042	0.80654267					0.47508	0.80654
	0.499635689	1.05134901			0.39524	1.05592	0.42358	0.6678
2.18961041	2.3599E-11	5.56072262	8.1048E-07	8.2640931	2.8E-06	4.32896	1.2E-05	5.92633
	0.524521602	0.35744433					0.48431	0.35744
0.66331175	0.67934501	0.61861757	0.57419327	0.61572958	0.69249	0.53357	0.45063	0.81133
1.28543764	0.399804273	1.15934014	0.66840971	0.6954488	0.48497	0.94038	0.23575	1.49795
0.95411884	0.561924553	0.98722326	0.43474045	0.66810889	0.42599	0.98408	0.24893	2.55825
1.38316657	0.633920435	0.93091772	0.80970705	0.6327353	0.90857	0.62373	0.17893	1.26949
1.11078224	0.436222753	1.04917015	0.6953238	0.4345074	0.36672	1.07839	0.62264	0.62395
0.36502985	0.53664708	0.56718935			0.6242	0.56106	0.50729	0.82271
	0.613138668	0.95989579	0.43991169	0.86183843	0.43256	0.97701	0.82752	0.35716
1.15757097	0.491400569	1.00934591	0.55315115	0.69058866	0.81153	0.60104	0.37255	1.0559
1.71051322	0.022452989	1.62046382	0.07355461	2.49660185	0.07485	1.42324	0.05786	1.99323
	0.629992827	0.86929285	0.69623547	0.51148677	0.57054	0.71134	0.42971	0.92792
1.31103043	0.67076889	0.91921997	0.70445198	0.61045824	0.82271	0.4783	0.42458	0.96611
	0.557314713	0.82664061					0.44583	0.82664
0.9149298	0.69859918	0.70240361	0.65722051	0.67890638	0.63566	0.71841	0.58929	0.72095
	0.535837118	0.31988425					0.52897	0.31988
	0.511065841	1.00119859			0.41704	1.0012	0.49186	0.85647
0.92440168	0.602193135	0.96419357	0.96017013	0.53535035	0.33559	1.06376	0.51236	0.91649
0.67083081	0.666667475	0.79389913	0.65027581	0.67989944	0.45541	0.93126	0.684	0.56603
0.67824552	0.735773385	0.68524468	0.46135378	0.71432398	0.53158	0.88672	0.76378	0.65913
0.58466688	0.740728071	0.90881957	0.21918156	1.13592962	0.91452	0.67366	0.9704	0.52025
1.98910496	0.177038882	1.30786403	0.26568023	1.31391451	0.46969	0.94382	0.15088	1.37767
	0.197665482	1.4725761			0.50406	0.69403	0.23336	1.47282
1.07423323	0.370573346	1.11878616	0.67551524	0.59352231	0.59175	0.72764	0.27435	1.18329
0.89066214	0.595498663	0.91891552	0.53687168	0.78943323	0.81604	0.6163	0.33495	1.20632
1.3364134	0.452541691	1.02116234	0.69153909	0.6611501	0.39466	1.03346	0.58231	0.74032
	0.725251523	0.56755457	0.80000864	0.32685914			0.43194	0.8282
	0.156629556	2.06121812			0.63087	0.66658	0.06627	3.54956
	0.342402714	1.11545953			0.609	0.64206	0.33542	1.13788
1.16954518	0.542133705	0.98230675	0.40572505	0.95174274	0.49774	0.9231	0.34314	1.26921
0.74090864	0.79154463	0.69136784	0.7079554	0.70111969	0.76936	0.68419	0.52196	0.78069
	0.368859046	1.17581803	0.70170512	0.52024307	0.35707	1.26748	0.30887	1.28973
1.81730878	0.32810238	1.07306429	0.21454331	1.14269312	0.87252	0.69107	0.22159	1.20324
	0.416485591	1.02253696			0.79216	0.3925	0.3899	1.03198
	0.073337353	1.40327951	0.06455352	2.05816029	0.11926	1.47904	0.27494	1.18275
0.76364522	0.755590227	0.73239671	0.6262331	0.72746722	0.75308	0.72591	0.57733	0.78686
0.60195573	0.106781123	1.5280431	0.10287226	1.92985902	0.16455	1.39738	0.45523	0.74431
0.85098084	0.822712674	0.83290601	0.37058954	0.92876267	0.76359	0.78101	0.87481	0.58872
5.40103479	0.658775414	0.82922039	0.74911784	0.33588381	0.72898	0.7534	0.21056	2.66267
0.84945364	0.343170425	1.0885807	0.2966909	1.19383177	0.16057	1.5379	0.42416	0.95926
1.32332222	0.334672243	1.10180445	0.65107808	0.63542058	0.38106	1.06033	0.15532	1.83019
1.4574837	0.421317152	1.05926438	0.55572345	0.78315106	0.68019	0.65755	0.34023	1.09731
	0.51759776	0.42968452					0.50757	0.42968
1.25081805	0.402956885	1.02841889	0.35739279	1.03791127	0.84092	0.6755	0.31028	1.09801
0.60365768	0.429894367	1.08524961	0.15209878	2.33993716			0.41996	0.92713
	0.351324737	1.54830545					0.31557	1.54831
1.01957763	0.006001182	2.09055649	0.20473927	1.51836028	0.01012	2.07683	0.02359	3.70097
0.81174111	0.892344916	0.66957028	0.83399434	0.57545289	0.66076	0.82591	0.86689	0.60019
1.05164771	0.65384602	0.90026654	0.70363544	0.58718012	0.68892	0.67563	0.43562	0.95796
0.99426469	0.721346312	0.53101194	0.71318215	0.4654245	0.60209	0.6505	0.60418	0.52431
0.94766523	0.949494945	0.62034522	0.85953946	0.60892863	0.8842	0.63223	0.83889	0.61415
1.02962835	0.830563826	0.62216112	0.55825388	0.79302683	0.86415	0.60042	0.52908	0.85445
0.91403979	0.424430743	1.03940662	0.74167865	0.62123695	0.35711	1.05836	0.35861	1.8363
	0.423501453	1.05116361	0.84956475	0.40075601	0.39239	1.0666	0.31237	1.19288
0.39711072	0.448208551	1.05582165	0.60918034	0.64558891	0.69266	0.69771	0.30986	1.17692
	0.527909754	0.98549304	0.93723664	0.52663597	0.10767	1.94633	0.21266	1.70724
0.93156361	0.848193377	0.67957037	0.82992144	0.47733218	0.79596	0.73671	0.42395	0.66705
1.13166568	0.273466129	1.27375108			0.75712	0.63172	0.10194	1.80149
0.84366888	0.580985212	0.90030198	0.60731923	0.64722658	0.45098	0.93574	0.5154	0.83735
	0.376490243	1.8937924					0.34401	1.89379
1.07613925	0.576173685	0.98166113	0.52087662	0.61217165	0.4258	0.98213	0.4675	0.88381
1.02831109	0.5611122	0.98933843	0.38221834	0.97716744	0.69602	0.80065	0.22141	1.21365

0.83156728	0.739282524	0.7069595	0.75639613	0.58685136	0.62621	0.81403	0.4176	0.58272
0.79513424	0.801516714	0.67554997	0.47468455	0.90487055	0.6891	0.75796	0.82129	0.5533
	0.585659807	0.61481744	0.57870797	0.6337207			0.5427	0.4353
	0.580332677	0.48584683	0.51653306	0.71294669			0.58211	0.44499
	0.374057425	1.31136679					0.34124	1.31137
0.33665177	0.394005038	1.00420116	0.36310259	1.00422929			0.64762	0.473
1.71824689	0.756226984	0.39426548	0.77036028	0.39496934			0.59838	0.38787
	0.154246744	3.51274758					0.11006	3.51275
0.82775939	0.900833347	0.51002721	0.60257063	0.81072352	0.58931	0.73276	0.95147	0.36665
	0.624577322	0.92609648	0.98395655	0.16867074	0.39783	1.06286	0.53761	0.63011
0.91579218	0.361252717	1.08327677	0.2882332	1.12715055	0.74224	0.58447	0.40374	1.08854
	0.527531825	0.56534363					0.48078	0.56534
1.75659602	0.65344401	0.50459076	0.37408422	0.45979435	0.60142	0.54155	0.44642	0.54199
	0.693292561	0.41338141	0.40550485	0.44816077			0.6937	0.40399
0.85891834	0.760324746	0.49357899	0.78009207	0.45987324	0.54143	0.773	0.60008	0.48012
0.64929379	0.999278681	0.17851367					0.99989	0.17851
	0.709251158	0.53241538					0.73014	0.53242
1.09067961	0.83130455	0.517707	0.58526381	0.62601075	0.85862	0.50934	0.5041	0.81501
1.03330462	0.685855549	0.74689481	0.52254329	0.79225688	0.67336	0.76605	0.62126	0.63301
0.94321381	0.786048835	0.4943736	0.81538219	0.48834219			0.52802	0.72924
0.75645254	0.386287586	1.04724856	0.34580839	1.05061227	0.54273	0.52485	0.67535	0.31815
	0.623901138	0.64160586	0.44910482	0.82605199			0.68236	0.26773
1.65182463	0.202770781	1.36227705	0.09330529	1.56633638	0.52679	0.75056	0.66495	0.73435
0.55845184	0.984123774	0.60488538	0.89949598	0.62643562	0.93758	0.60888	0.93115	0.57882
0.87353792	0.125018819	1.26210811	0.01378024	1.80111428	0.99312	0.48534	0.00349	2.39449
0.95292507	0.715851074	0.63291556	0.49640663	0.7927395	0.71063	0.58257	0.6311	0.69921
1.16103272	0.636605193	0.83581851	0.56043789	0.71050563	0.45954	0.93574	0.66095	0.7385
0.91099016	0.800664786	0.71791316	0.46690024	0.87547276	0.74549	0.7251	0.75832	0.69521
0.86673235	0.565087856	0.97880457	0.39049161	0.94597975	0.40068	1.04822	0.80816	0.51297
0.97586302	0.594485784	0.85606455	0.45332498	0.89571641	0.59076	0.81544	0.48808	0.92234
	0.403022875	1.01593412			0.72806	0.5885	0.39107	1.01948
1.16180399	0.178842624	1.19800897	0.15542116	1.23489889	0.46576	0.96156	0.24754	1.24192
1.19320751	0.604367975	0.80102409	0.46128954	0.85122438	0.60541	0.71359	0.45974	0.87488
1.70182612	0.747904231	0.63701125	0.56806924	0.61337549	0.766	0.62555	0.55134	0.77237
1.15411821	0.527396603	0.98943223	0.71805968	0.58718012	0.87645	0.50762	0.27641	1.15909
0.88931089	0.754321422	0.84942574	0.74948146	0.67225843	0.80179	0.70015	0.44561	0.96404
1.19276505	0.313397209	1.06944821	0.00493804	3.30260956	0.39797	1.04919	0.41005	0.96733
1.17128331	0.466385731	1.0113952	0.65093327	0.71074481	0.38615	1.02556	0.82025	0.53652
1.29149703	0.220384206	1.39701332	0.08886131	1.73430693	0.67541	0.69066	0.58094	0.70363
	0.66533606	0.39167303					0.68002	0.39167
	0.583360113	0.94143424	0.00208194	3.11089			0.99934	0.27509
1.08013505	0.682102287	0.90529041	0.70854971	0.65878837	0.93002	0.60164	0.2932	1.13939
	0.271994563	1.24047399	0.29102309	1.18619911			0.26027	1.68243
0.88757402	0.747204407	0.92938955	0.76146036	0.68965147	0.43929	0.98441	0.97483	0.44901
	0.618209662	0.67074606	0.53596734	0.73146311	0.48551	0.80591	0.62083	0.65519
0.67313247	0.989191973	0.43382345	0.76412686	0.6605712	0.48451	0.95275	0.99762	0.33024
0.71635427	0.598436037	0.97311431	0.40176109	0.97415744	0.50464	0.9464	0.42208	0.68714
1.19437315	0.12194286	1.45988017	0.03053774	1.86918786	0.46751	0.95488	0.40694	0.82902
0.78380219	0.740511981	0.70861806	0.70350435	0.74953029	0.51618	0.93364	0.73842	0.44467
0.87405558	0.675208375	0.77766801	0.56925026	0.70052007	0.6264	0.8127	0.64066	0.70775
	0.594168	0.51729684			0.75008	0.50978	0.54727	0.63818
1.46615258	0.64692012	0.75912332	0.73846487	0.39967556	0.45195	0.91182	0.47912	0.55651
0.93442815	0.389087803	1.01880577	0.35712196	1.01898589			0.54486	0.81338
0.90449197	0.929350592	0.64178564	0.67612648	0.78368148	0.58315	0.89714	0.97266	0.49072
0.60793852	0.611346913	0.96216119	0.38650496	0.96331122	0.44976	0.81865	0.51856	0.7616
0.92114984	0.708072645	0.72295913	0.52552179	0.79941376	0.68091	0.71669	0.64926	0.72753
1.17189814	0.753976321	0.72834988	0.52602513	0.79084148	0.77385	0.72975	0.43145	0.65816
0.62389573	0.687698645	0.73160542	0.65334781	0.43593214	0.65076	0.77583	0.40629	0.69924
0.96698958	0.6297467	0.61953848	0.48507877	0.76096726	0.59765	0.61814	0.60031	0.61205
0.71986081	0.400922136	1.01855795	0.35341931	1.02145187	0.44827	0.86896	0.75864	0.51132
	0.338509353	1.08017341	0.19684915	1.50846327	0.59475	0.66438	0.38395	1.04719
	0.60674107	0.95997677	0.38233022	0.95776697	0.54645	0.73612	0.3998	1.59808
0.97889841	0.16791219	1.12187869	0.06767197	1.50016156	0.41868	0.97695	0.00735	2.10025
0.97314504	0.428763893	1.00002357	0.3889642	0.9526716	0.47477	0.86284	0.40389	1.00002
0.98958629	0.679217887	0.72789422	0.6971102	0.72185734			0.4864	0.89762
0.87234409	0.990357537	0.48032637	0.93800996	0.50084251	0.84063	0.51099	0.97747	0.4556
1.35364784	0.440110276	1.00049268	0.49336698	0.84840373	0.417	1.00049	0.57487	0.69489
1.03320537	0.467108118	1.0226937	0.85169401	0.29517471			0.38691	1.05166
0.89382233	0.583376623	0.98619808	0.55804159	0.71616358	0.42256	0.98737	0.61111	0.70586
0.80635584	0.244227748	1.1046323	0.00185435	2.57742763	0.44819	0.97524	0.43025	0.971
0.94950643	0.607974841	0.99455135	0.37187634	0.99379793	0.28819	1.12215	0.67876	0.75281
1.18564891	0.448085016	1.02545521	0.65460772	0.52430449	0.40332	1.03387	0.65972	0.39382
	0.750638306	0.49196135	0.77476676	0.49274986			0.5368	0.4184
	0.899874276	0.30534198	0.84698972	0.32191183			0.85429	0.28751
2.58075579	0.008503951	1.87768739	0.00163742	3.50613356	0.35977	1.16318	0.04938	1.73207
0.74867939	0.769625896	0.88502443	0.55021507	0.87883433	0.43873	0.97515	0.9494	0.55729
0.87129471	0.627387556	0.76718761	0.42790631	0.86188619			0.6878	0.36054
0.75064806	0.773101009	0.82418969	0.49039861	0.89299855	0.45799	0.97089	0.90634	0.59165
0.59673749	0.384324559	1.09002721	0.2911308	1.14110991	0.61135	0.76136	0.65734	0.62236
	0.418539206	1.06101789					0.39215	1.06102
	0.667050259	0.58586395	0.68327111	0.46745757			0.4239	0.7355
1.09061905	0.412317002	1.03647435	0.58134185	0.79326685	0.36115	1.04504	0.63452	0.67279
1.93713064	0.469770665	1.06397791	0.63429983	0.58217878	0.7453	0.45168	0.27261	1.43981
1.45343608	0.63821349	0.85838929	0.41913339	0.91332423	0.67827	0.61718	0.53964	0.8234
0.77119101	0.916062045	0.62994743	0.6245796	0.783396	0.94381	0.55026	0.67691	0.76667
3.0335188	0.314769945	1.36598747	0.51204942	0.72028885	0.2353	1.52772	0.46421	0.90269
	0.708702991	0.4405078	0.66504144	0.46760771	0.66797	0.40549	0.46875	0.45842
	0.737623224	0.49509995	0.78173941	0.39773631			0.45337	0.81174
2.12747046	0.438287753	1.08727637	0.6654323	0.54219742	0.35332	1.16685	0.42975	0.63307
0.98620168	0.913817399	0.57541985	0.9485007	0.45374893	0.6753	0.77641	0.63676	0.62412
1.53048929	0.490759474	1.01678497	0.4858182	0.76154481	0.76965	0.63685	0.32802	1.14925
	0.605864628	0.97944267	0.73548507	0.48775001			0.40445	0.98231
0.93378064	0.616967039	0.80063594	0.63354075	0.60961737	0.46076	0.91332	0.57022	0.74553
1.55335157	0.997618084	0.43169055	0.98923136	0.40067342	0.98757	0.44343	0.76183	0.53216
1.53345545	0.682503492	0.80989401	0.77174021	0.53913621	0.44337	0.93465	0.57793	0.68621
1.08987524	0.785460601	0.57055507	0.64020763	0.58879292	0.58966	0.69211	0.7878	0.54185
1.01915459	0.791408768	0.61641994	0.6963573	0.62966344			0.77676	0.60962
1.14125711	0.721327266	0.71243884	0.56259889	0.73592723	0.73756	0.69644	0.54315	0.83843
1.12421075	0.955704344	0.46216334	0.6912902	0.56847361	0.70193	0.58396	0.96821	0.42557
	0.981921422	0.09576424	0.99229584	0.09576424				

	0.583509271	0.56607273					0.41512	0.56607
	0.570625984	0.69173993					0.56979	0.69174
1.16110675	0.25847366	1.39547999	0.5416878	0.67873272	0.23336	1.68512	0.31906	1.27985
0.95328725	0.900165119	0.49678419	0.74029211	0.50004491	0.90691	0.49574	0.49683	0.86934
	0.667237286	0.58760261	0.68979474	0.49227982			0.44518	0.77943
0.95196683	0.814668888	0.6775106	0.79598383	0.6032873	0.74031	0.71613	0.45998	0.85825
1.20142748	0.359627954	1.04316628	0.25810207	1.19544045	0.40148	1.025	0.51282	0.83745
1.50969441	0.805958478	0.6196542	0.78856452	0.60791886	0.69169	0.64734	0.60341	0.60037
1.48129115	0.633338982	0.60356958	0.56490876	0.68929424	0.64252	0.4123	0.45696	0.76591
0.64502602	0.99997097	0.22325388	0.99416612	0.22406482	0.99987	0.1872	0.94973	0.32702
1.75368218	0.543671881	0.97748217	0.99460802	0.31395631	0.139	1.65771	0.158	1.41786
	0.551653872	0.81926227					0.45247	0.81926
	0.726073863	0.76650305	0.85053187	0.39956272			0.40892	0.903
1.29358716	0.873429935	0.6386297	0.85539399	0.49169514	0.47962	0.94442	0.8244	0.67102
1.34541332	0.020342088	1.52424749	0.02251693	1.68738134	0.82226	0.74351	0.00098	2.82786
	0.829441622	0.46217208	0.98340784	0.10194028			0.32785	1.53019
0.87608632	0.73991118	0.69182426	0.52849276	0.75829795	0.76591	0.68135	0.48115	0.8964
1.48670728	0.795253757	0.67536513	0.82307732	0.56815898	0.64438	0.77188	0.57093	0.83059
1.0794282	0.021198259	3.76836607	0.00578471	5.55723957	0.25591	1.88234	0.52435	0.78014
1.71254915	0.467679738	1.05411011	0.54920081	0.67947153	0.74388	0.38778	0.36364	1.16358
1.05950424	0.787458543	0.64033028	0.61216159	0.65121125	0.68915	0.66951	0.75909	0.61833
1.81019265	0.497857621	1.01120472	0.82403566	0.62422188	0.23886	1.2835	0.53353	0.85176
1.23114282	0.84316333	0.57402151	0.79158019	0.50364906	0.77867	0.5795	0.63748	0.68966
	0.626250202	0.60977852					0.63479	0.60978
0.1776526	0.725289824	0.52999614	0.65735381	0.55148951	0.72014	0.42521	0.47114	0.84344
1.68046544	0.785408782	0.89373447	0.97809969	0.51127201	0.90722	0.67803	0.29824	1.08445
0.81779449	0.577193873	0.68741266	0.55733329	0.67650943	0.55065	0.70482	0.51647	0.49059
1.1073867	0.548867168	0.79044716	0.54126741	0.71592293	0.48749	0.84901	0.4809	0.85294
	0.326343584	1.13990623	0.90314935	0.40724377	0.21936	1.49062	0.21577	1.2498
0.98050877	0.244375292	1.27151112	0.18624138	1.4396656	0.16205	1.64545	0.77302	0.619
	0.522596603	0.79184824					0.48657	0.79185
1.30855699	0.797568449	0.51063902	0.60486245	0.65782209	0.79301	0.37393	0.69471	0.58065
0.98541044	0.501492617	1.0067286	0.66451827	0.70130347	0.10041	1.46759	0.94265	0.50457
0.60236398	0.558567944	0.9817907	0.21952651	1.12101875	0.96061	0.59883	0.68203	0.45066
1.33716431	0.592839379	0.93469014	0.61299816	0.57691171	0.43052	0.95147	0.58516	0.64313
	0.464494398	1.05877136	0.7811972	0.37827809			0.33759	1.20321
1.14448404	0.722100312	0.81035681	0.38939932	0.65961062	0.75065	0.73396	0.42788	0.91823
0.97728494	0.429574394	1.00169074	0.95394453	0.56099783	0.26908	1.10534	0.40173	1.00175
0.83836123	0.535934658	0.99609026	0.3881885	0.9841329	0.20217	1.16506	0.7411	0.61713
1.08951655	0.063247749	1.31339802	0.00419847	2.07671984	0.46103	0.97027	0.25684	1.15232
1.15762116	0.379864408	1.12635991	0.46685882	0.4482561	0.53655	0.52364	0.3452	1.12901
0.79021897	0.909513369	0.66610328	0.82053508	0.62213686	0.70961	0.79126	0.889	0.57832
	0.613406549	0.98986645	0.36979486	0.98895484			0.22882	1.97098
1.01865493	0.799773206	0.65833672	0.47737971	0.86321319	0.82923	0.61807	0.59955	0.78936
1.16883686	0.9947779	0.42872621	0.99621383	0.24357737	0.97778	0.42069	0.64707	0.81288
0.54843437	0.187411426	1.276969	0.11887763	1.85311657	0.33401	1.2453	0.31949	1.14654
0.6924463	0.701475811	0.74183287	0.71316852	0.63296051	0.62108	0.7632	0.45755	0.90099
2.87387145	0.579907126	0.87882662	0.58752268	0.57040262	0.44408	0.90869	0.47384	0.85365
1.18290396	0.678905789	0.57951858	0.50217389	0.72869063	0.50915	0.78801	0.69572	0.57758
	0.543285376	0.56848012					0.53771	0.56848
1.20503283	0.587306813	0.67414101	0.57862322	0.69102707	0.45361	0.52082	0.49093	0.77488
1.29156314	0.38558996	1.06142554	0.55367206	0.73182669	0.52989	0.75791	0.34923	1.06399
1.05127526	0.210710697	1.33841284	0.23762209	1.38197338	0.46858	0.94163	0.20213	1.47543
0.93613772	0.441447108	1.01234871	0.56931902	0.6736048	0.7721	0.57992	0.39282	1.01645
1.66772128	0.765546675	0.73549161	0.8683313	0.5325035	0.66196	0.7936	0.23678	2.45138
	0.364308182	1.90245721					0.3302	1.90246
0.78525008	0.716660844	0.64445423	0.62609011	0.69887088	0.71231	0.61197	0.5053	0.85465
1.06910463	0.363196466	1.12419691	0.69083362	0.69664005	0.45175	0.95379	0.13445	1.57998
1.47886282	0.110060586	2.27472385			0.36033	1.50433	0.09852	2.77357
1.20824008	0.910482048	0.69058901	0.61594808	0.83152122	0.71328	0.81385	0.94851	0.54744
0.82303882	0.778090187	0.6412085	0.49407443	0.86919486	0.4955	0.92433	0.80694	0.63934
1.31828863	0.514332862	0.98765383			0.41974	0.98792	0.44067	0.75609
0.57138772	0.612908655	0.95437552	0.38344826	0.95535485	0.53761	0.64935	0.54327	0.65446
0.86834582	0.576203686	0.61131126	0.5754523	0.60647604			0.51275	0.70296
	0.733325248	0.36772449	0.75718042	0.36772449				
1.10502866	0.448204155	1.052276	0.40563797	0.91929809	0.54982	0.65045	0.26919	1.31354
0.71550744	0.946139817	0.57299732	0.62502908	0.83243445	0.51271	0.94108	0.97756	0.48693
0.39072668	0.236955232	1.59752253	0.16497483	1.71655455	0.56669	0.50311	0.59298	0.54931
	0.586831238	0.92836642	0.19605911	1.54584341	0.34648	1.48433	0.90906	0.52347
0.99707408	0.558162267	0.97284478	0.77806307	0.72399739	0.07087	1.4908	0.95714	0.50243
	0.632369901	0.70187405	0.46771043	0.83844747	0.60601	0.69996	0.60038	0.61557
1.0389292	0.775541037	0.79233383	0.60256487	0.77225512	0.83948	0.6528	0.41538	0.92269
0.83534786	0.550083732	0.84620807	0.54202972	0.81396083	0.5212	0.88901	0.50411	0.86869
1.09865293	0.342794122	1.1437637	0.44297831	0.91563208	0.73051	0.76462	0.07949	1.74737
	0.555490241	0.46838825					0.55203	0.46839
1.42235266	0.042029525	1.70782736	0.26877575	3.1087725	0.60394	0.86358	0.00822	2.04463
0.78434448	0.813151526	0.7661974	0.5257765	0.6477193	0.91389	0.57522	0.4379	0.94708
1.14705227	0.623025074	0.93054155	0.92251314	0.53797514	0.33637	1.11015		
	0.702681429	0.48303356	0.72730831	0.41227813			0.43937	0.70701
0.92609129	0.538607413	0.98621474	0.6236557	0.82803079	0.15421	1.22846	0.97355	0.4717
1.01640845	0.90398572	0.66817554	0.91532896	0.53517453	0.61085	0.86675	0.81017	0.67671
1.02400529	0.685780846	0.62476666	0.69261791	0.60226189	0.57745	0.67219	0.51816	0.83484
	0.728134033	0.38537734	0.75235176	0.3749314			0.52405	0.67559
0.66374106	0.41205774	1.08283398	0.69039646	0.67424041	0.14074	1.43972	0.7935	0.63507
1.57934582	0.747465608	0.87559327	0.99185195	0.43316216	0.20644	1.20464	0.67427	0.80104
	0.554778634	0.15980868					0.5512	0.15981
	0.518632487	0.98440201	0.82084218	0.35155414	0.56957	0.68337	0.19308	2.40207
0.90342776	0.707411213	0.69292467	0.57131103	0.55080727	0.72038	0.6984		
0.83957284	0.588743744	0.99908617	0.71219838	0.75834851	0.41869	0.99918	0.96692	0.51875
1.31218654	0.038516752	1.79274742	0.09994999	1.72879653	0.56726	0.83658	0.03243	2.04963
	0.442328301	1.06600381	0.71836259	0.54686815	0.65528	0.67117	0.28782	1.21677
2.65787448	0.804747339	0.90418845	0.38071185	0.96834585	0.52192	0.77576	0.99918	0.21916
0.96889902	0.883087996	0.62727527	0.85991141	0.61076955	0.79741	0.64844	0.4705	0.7065
	0.436776108	1.02973237	0.39954618	0.45387595	0.40382	1.03329	0.45564	0.86783

	0.415632946	1.06025057	0.58989278	0.69340582	0.36998	1.07201	0.5844	0.56512
1.10272449	0.669315216	0.85823403	0.73175855	0.50450194	0.61603	0.78048	0.41397	0.92443
2.10786173	0.013552376	1.50610574	0.01671973	1.82734108	0.29606	1.13734	0.01756	1.87495
0.77988255	0.639632082	0.90797576	0.42106399	0.94477363	0.62693	0.79248	0.61688	0.8
1.15762055	0.425823894	1.02391427	0.69296653	0.72449999	0.51799	0.9145	0.36993	1.03203
0.83511701	0.37945755	1.10958332	0.74415676	0.73250883	0.17993	1.33986	0.51063	0.57775
0.80682073	0.43050053	1.00808433	0.58130744	0.64697145	0.57418	0.60846	0.40375	1.00828
0.81395366	0.583580722	0.97515979	0.71775058	0.77622169	0.33291	1.05738	0.918	0.60573
1.21200329	0.856255711	0.5720649	0.89780228	0.49783192	0.50823	0.83669	0.60866	0.79199
1.21803951	0.590647938	0.95259124	0.5105714	0.73581331	0.64748	0.5553	0.42585	0.9619
1.50972093	0.368497931	1.01721422	0.0886513	1.67028754	0.4095	1.00949	0.38744	1.05404
	0.841738728	0.77906706	0.91950019	0.49669805	0.30131	1.15821	0.97973	0.37298
0.84071357	0.791349016	0.88710965	0.40144622	0.79642238	0.44331	0.98036	0.99112	0.37535
1.22162924	0.925623649	0.63052294	0.98144732	0.4510115	0.46813	0.96143	0.59897	0.83607
	0.780620111	0.34256956	0.79465705	0.35209189			0.6211	0.23563
0.92789825	0.417745753	1.01463273	0.39683964	0.95933245	0.40168	1.01422	0.21835	1.27347
1.68951412	0.659747572	0.84509562	0.44287969	0.92460032	0.68533	0.78028		
0.87614159	0.655834347	0.73145069	0.51964595	0.79883294	0.65791	0.66875	0.57984	0.80727
	0.376349269	1.14165557	0.67794897	0.56462839	0.38433	1.10985	0.1602	3.64667
1.7530196	0.518142227	0.99903768	0.38022899	0.9851651	0.09807	1.77735	0.31523	1.08386
0.83615965	0.894669961	0.60950927	0.85631873	0.57185918	0.53478	0.8908	0.84306	0.61167
0.65596256	0.921425828	0.58017249	0.74525768	0.66161005	0.62819	0.78571	0.94266	0.47624
1.07179195	0.602496594	0.78296847	0.53556684	0.80852646	0.59833	0.78238	0.52796	0.65561
1.43355319	0.582370691	0.70639954	0.58134149	0.68127521	0.48548	0.84801	0.52219	0.73772
1.01663935	0.601812947	0.96573685	0.83298073	0.68442938	0.82943	0.74092	0.30275	1.08169
	0.594171288	0.44631741					0.59736	0.44632
1.4848217	0.359685016	1.23470457	0.62366403	0.60674315	0.52405	0.78104	0.28012	1.32981
1.26897814	0.746627486	0.68542466	0.74548655	0.56151249	0.49848	0.8488	0.67178	0.75826
	0.559742684	0.8818523					0.44298	0.88185
	0.519744874	0.9910528	0.73624836	0.43822746	0.73164	0.48046	0.35842	1.15135
	0.596017165	0.98940596	0.66191112	0.54703254	0.65943	0.60504	0.41063	0.99049
2.79267798	0.748067712	0.44555346	0.76259628	0.43935959			0.59174	0.49185
	0.797861846	0.39741981	0.83753612	0.35301628			0.53698	0.78952
0.79111045	0.334738128	1.25414955	0.48028286	0.8131674	0.47147	0.88811	0.28136	1.29154
	0.813842121	0.43139058	0.68483064	0.50442013	0.49544	0.77252	0.81642	0.39734
	0.8302113	0.29517471	0.8613618	0.29517471				
0.8875017	0.583328158	0.9806961	0.85706179	0.58871554	0.39426	1.02566	0.93032	0.48698
	0.594634503	0.89764441	0.49124276	0.7652229	0.59769	0.65247	0.42425	0.91755
	0.400930303	1.23702737			0.3719	1.23703		
0.83322178	0.767132798	0.66521312	0.66951498	0.55600432	0.70415	0.66114	0.68068	0.70662
1.08509539	0.174723928	1.64557751	0.59163447	0.6435804	0.2268	1.54477	0.15612	2.08402
1.22399624	0.914139077	0.62380853	0.78089087	0.63192971	0.46861	0.95574	0.95126	0.48261
	0.615964029	0.76550003	0.55286361	0.76187149	0.61042	0.76631	0.48404	0.76412
3.04347371	0.085880201	1.81306627	0.45267745	0.85980518	0.52811	0.86301	0.03721	1.99268
	0.633917752	0.83237723	0.84081231	0.48570928	0.4856	0.86139	0.32598	1.36889
1.39276611	0.773071353	0.6457976	0.59573954	0.59967184	0.76958	0.61394	0.64226	0.71941
1.41029116	0.27146798	1.16479419	0.77438462	0.72474879	0.57155	0.90492	0.07044	1.45958
	0.58994076	0.42417995					0.59241	0.42418
	0.744625373	0.39989032	0.76974576	0.39989032				
1.5864443	0.151605608	1.20830741	0.2573076	1.14948722	0.29392	1.18527	0.15525	1.36055
	0.519463289	0.63573296					0.50976	0.63573
1.82781422	0.451837907	1.00267236	0.97384854	0.42872246	0.41522	1.00328	0.26727	1.22759
0.82271476	0.65312776	0.94408622	0.76257238	0.72592781	0.31541	1.07521	0.96845	0.48586
0.89149294	0.466360841	1.00694288	0.70160968	0.66872168	0.40055	1.01345	0.76101	0.72263
1.8360137	0.822377346	0.557212	0.63455317	0.39321732	0.8335	0.53191	0.62595	0.68849
1.05073214	0.654906299	0.69622109	0.67152112	0.66881865	0.52598	0.86987	0.4968	0.82479
1.14662343	0.917224907	0.65134429	0.78799295	0.65723143	0.85128	0.65676	0.8164	0.63797
0.95936775	0.670732095	0.79272535	0.55028291	0.77983992	0.46641	0.93367	0.70016	0.722
	0.740744215	0.51959398	0.68028409	0.52959344			0.70959	0.51173
1.21460884	0.748001405	0.6142544	0.52329204	0.70871722	0.77298	0.61187	0.51251	0.7963
0.80619834	0.822932746	0.70930727	0.37030844	0.70907219	0.56353	0.89125	0.85333	0.66317
1.27163128	0.615663007	0.89499711	0.62458492	0.69103241	0.25344	1.36902	0.88887	0.476
	0.27440266	1.20587486	0.67692614	0.61297818	0.31907	1.16135	0.19715	1.48343
0.809023	0.932522758	0.63973304	0.67157146	0.81008125	0.4774	0.96334	0.97559	0.49957
	0.390634222	1.35949362					0.36012	1.35949
1.32461405	1.5205E-07	3.78346052	5.672E-05	4.24553941	0.00248	2.83829	6.7E-05	4.64154
1.07015756	0.819345838	0.63160262	0.66520664	0.67714873	0.64419	0.72384	0.81644	0.57084
0.88854279	0.189464613	2.06279658	0.14286795	2.06855537			0.54362	0.07726
0.90428576	0.942405487	0.63506612	0.82014604	0.68180002	0.56822	0.90319	0.96015	0.52475
0.69433323	0.841906258	0.48184413	0.78775167	0.45068715	0.52193	0.79948	0.7959	0.49476
1.04127334	0.389148387	1.03511441	0.34777476	1.03849639	0.4504	0.93029	0.53086	0.80625
0.67926307	0.93617801	0.66034366	0.71873738	0.75669381	0.62082	0.87703	0.97343	0.5053
	0.361184615	1.4323044					0.32667	1.4323
0.36084212	0.671548153	0.74862867	0.59574666	0.74914205	0.6715	0.71157	0.47626	0.9134
1.06721697	2.08431E-07	3.77323542	1.7992E-05	5.0835876	0.00584	2.64312	0.00011	4.03649
	0.707371035	0.71133959	0.78191373	0.47820492	0.50312	0.79851	0.4284	0.88182
1.05835887	0.677666998	0.5180243	0.69418274	0.5180243				
0.90057814	0.709310041	0.6947982	0.62934587	0.59741105	0.68575	0.7137	0.58326	0.70767
	0.598520692	0.93961556	0.41336222	0.9032134	0.48645	0.70876	0.43233	0.95338
	0.56332024	0.88644745	0.52754287	0.61116808	0.45269	0.90696	0.54652	0.72539
0.84280698	0.740728231	0.72738147	0.55101859	0.81597233	0.63469	0.79907	0.74754	0.65129
	0.515732696	0.62998475					0.50538	0.62998
	0.487209647	1.03229789	0.66800235	0.56331364	0.38766	1.15225	0.56994	0.70955
1.99999965	0.159116681	1.07181733	0.05082039	1.43489867	0.3944	1.01651	0.00531	2.05797
	0.454257661	1.00553512	0.6322533	0.60961737	0.41371	1.00722	0.81799	0.52939
1.55880413	0.757969384	0.67278407	0.74904591	0.54616607	0.69831	0.69485	0.46262	0.89226
1.51322386	0.460714819	1.01161838	0.46884086	0.89076478	0.4385	0.98084	0.37492	1.03233
1.30364184	0.538019117	0.9941589	0.84466382	0.60506699	0.9015	0.59585	0.37467	1.02465
	0.21399831	2.0503091	0.27735276	1.81859363			0.21805	2.36549
0.81428812	0.886134776	0.66607209	0.58618531	0.83597739	0.63539	0.84155	0.93556	0.53919
0.54458212	0.335499658	1.13102798	0.28218367	1.14521301	0.56798	0.66287	0.56464	0.75135
	0.999460015	0.17876829					0.99993	0.17877
	0.615625012	0.96962655	0.37905406	0.96998228			0.55101	0.6666

0.89812487	0.415985218	1.04851735	0.61565141	0.72064801	0.37083	1.05775	0.49576	0.50883
1.25174647	0.626808494	0.99386855	0.36868108	0.99406022	0.70842	0.57964	0.45894	0.85464
2.91910031	0.235556538	1.41179664	0.26601544	1.33034154			0.2525	1.67291
1.15416974	0.950883808	0.11844412					0.97161	0.11844
0.82747978	0.384186532	1.2427662			0.15122	1.40348	0.74164	0.59012
	0.584901451	0.91745457					0.41349	0.91745
	0.320567504	1.22037167	0.27870393	1.22457328			0.47533	0.78498
	0.563321442	0.75113045					0.43878	0.75113
	0.265922036	1.19375076	0.3047582	1.14498687	0.24483	1.3914	0.59289	0.42
0.89489484	0.394741062	1.00014383	0.36499133	1.00014364	0.69834	0.70355	0.13109	1.93878
0.82263795	0.411608723	1.10197599	0.0684387	1.79468598	0.45889	0.79257	0.96299	0.32558
0.77171315	0.951762436	0.59432583			0.68006	0.83241	0.98596	0.43006
	0.367582014	1.45583953					0.33391	1.45584
1.12125812	0.328430977	1.09537241	0.02220207	1.57883585	0.74321	0.80833	0.8894	0.65061
0.67458559	0.505784194	1.00263329	0.39714214	0.95299944	0.50213	0.71551	0.26399	1.30282
1.5401053	0.436049393	1.05612952	0.84482191	0.55469425	0.53764	0.56229	0.23415	1.21869
0.82418611	0.602473632	0.97871511	0.39962089	0.9757899	0.30506	1.08023	0.92794	0.59883
	0.469406318	1.05408281	0.50505021	0.76517772	0.34566	1.20071	0.75249	0.44533
1.20230794	0.567040679	0.95545147	0.64163608	0.77622391	0.87864	0.56138	0.19366	1.38691
3.82862989	0.060423621	1.31434812	0.04079273	1.74978783	0.1224	1.34107	0.29022	1.13004
1.02471528	0.058097961	2.44325709	0.01454306	3.05565702	0.49166	0.83706	0.66965	0.55872
	0.533618204	0.68850319					0.47363	0.6885
1.06412951	0.000243044	2.44749142			0.00101	2.34262	0.001	2.58423
0.83976818	0.623139438	0.88788422			0.35952	1.16562	0.83886	0.60838
0.74408156	0.149236098	1.3752089			0.00482	1.88369	0.84341	0.69544
	0.490988538	1.05158583	0.74391089	0.38754609			0.29153	1.77931
	0.835456905	0.30932093	0.86671937	0.30932093				
1.43772527	0.036421147	1.62252249	0.00453438	2.71419839	0.39489	2.02231	0.23986	1.22142
0.84678744	0.88053023	0.73533152	0.80454325	0.70212918	0.39178	1.10209	0.97677	0.42233
	0.539949202	0.58586247	0.49345202	0.77991359			0.46583	0.55176
	0.141898589	1.691622	0.0759773	2.75312175			0.28573	1.32658
2.91909198	0.895494737	0.68049139			0.68387	0.82178	0.92535	0.57967
	0.376216498	2.39757557					0.3437	2.39758
	0.174237658	4.33681678					0.12893	4.33682
0.82830845	0.624740663	0.98317501	0.3763035	0.98429626	0.64546	0.53599	0.44105	0.93111
1.5251426	0.716647512	0.80884618	0.437167	0.90241003	0.58219	0.73723	0.73114	0.78119
1.61224535	0.764275666	0.74138204	0.65371923	0.6057254	0.828	0.57256	0.44296	0.92947
1.39946774	0.964249099	0.61855891	0.71512418	0.75757163	0.96048	0.55237	0.86374	0.63382
0.97418056	0.99977775	0.33482731	0.97382612	0.41762127	0.99274	0.30167	0.99657	0.29223
	0.163481539	2.20107329	0.11869899	2.20107329				
0.55791684	0.397790324	1.01607536	0.34186164	1.01957703	0.77007	0.59664	0.64267	0.72103
	0.010714033	5.6474556	0.00318039	5.6474556				
1.08344015	0.297539018	1.58656147			0.02253	1.64333	0.5423	0.89964
	0.611942268	0.92551992			0.59992	0.68282	0.43496	0.9421
1.05653412	0.370517277	1.43140169			0.10065	1.4816	0.55676	0.84165
0.81099435	0.012643294	1.57664762	0.06773105	1.37645482	0.00703	2.03096	0.51198	0.92387
1.20483717	0.667183032	0.75382766	0.40794503	0.83493661	0.46251	0.87266	0.70015	0.52584
0.96433737	0.717274975	0.66163028	0.48857452	0.83715325	0.50041	0.87447	0.73935	0.65993
0.91695388	0.50165319	1.00299882	0.49295839	0.85902022	0.36789	1.06997	0.42822	0.97724
0.97312924	0.573269872	0.96888714	0.70394551	0.76716094	0.29695	1.11052	0.91583	0.49477
1.68500289	0.001159052	1.98757693			0.0106	2.99156	0.01971	1.74271
1.52072334	0.296857997	1.1282325			0.53886	0.85798	0.31065	1.13669
0.58443503	0.532888935	0.83215884			0.44722	0.85649	0.55217	0.58715
	0.366042365	1.46102283					0.33216	1.46102
1.47914222	0.251105052	1.11221993	0.26755526	1.0927445	0.25581	1.23721	0.47797	0.94356
2.88614297	0.250330637	1.09395388	0.30939924	1.06073445	0.52921	0.8633	0.16916	1.31352
1.23944512	0.349891285	1.03888668	0.33673024	1.03693971	0.30634	1.11184	0.72822	0.72676
0.95204073	0.398783605	1.00689037	0.35896279	1.00747504	0.58063	0.8194	0.76056	0.64242
0.88727946	0.116769443	1.24794478	0.11036667	1.55119396	0.24082	1.17448	0.23873	1.20364
	0.116284485	2.35412385	0.07610858	2.35412385				
	0.03614745	3.92758048	0.01621822	3.92758048				
	0.060881283	4.1490305	0.03243177	4.1490305				
	0.888187456	0.47825874					0.91826	0.47826
0.79321755	0.585314485	0.77101355			0.47513	0.61989	0.55931	0.77907
0.80714222	0.506049172	1.005705			0.06566	1.83544	0.9765	0.34371
1.03654566	0.630581897	0.93054717	0.56786043	0.81710617	0.65751	0.81365	0.42598	0.95928
1.18887766	0.708313235	0.70789747	0.73022938	0.6868043	0.54466	0.84628	0.50048	0.83571
2.72077404	0.65016316	0.63798018	0.58946241	0.6984483	0.57071	0.58756	0.62345	0.59249
	0.379477166	1.43665223	0.5996676	0.58225817			0.28929	1.7656
3.01696768	0.336143601	1.25668869	0.631423	0.69704185	0.23356	1.41055	0.4912	0.84026
0.75715972	0.76784878	0.90582214	0.53675365	0.88633013	0.44447	0.98237	0.98245	0.45965
1.58649225	0.71144797	0.95512693	0.6371256	0.80955039	0.94612	0.61467	0.42392	0.98535
1.66201567	0.107176651	1.89774268	0.06084119	1.97273961			0.56181	0.70878
	0.074038114	3.29564794	0.04201518	3.29564794				
0.71313318	0.028277025	2.38773236	0.01032916	2.46633228	0.47765	0.88604		
0.74870209	0.58639663	0.6922619					0.58826	0.69226
1.44977485	0.437068688	1.07092725	0.59926531	0.6476037	0.6843	0.65961	0.31612	1.17849
1.44204107	0.45247626	1.0705608	0.65153875	0.61028317	0.6304	0.49184	0.35139	1.17546
	0.61396487	0.95746136	0.9933989	0.42169016	0.26715	1.21609	0.29796	1.09915
0.77930621	0.515339789	0.99901919	0.31557897	1.0399762	0.49838	0.95132	0.98308	0.47425
	0.696404101	0.92508574	0.3871961	0.95986485	0.45599	0.93013	0.90867	0.41043
0.84286414	0.775047463	0.65942285	0.44626266	0.88898418	0.67853	0.68856	0.81046	0.4667
1.42698656	0.46658091	1.01602827	0.42852626	0.92782593	0.60891	0.86446	0.39498	1.03544
	0.164276106	1.54630738	0.11927362	1.5470046			0.50894	0.70802
1.11964142	0.133613624	1.27666083	0.12542966	1.31420159	0.21015	1.27878	0.43501	0.87003
1.09554192	0.61617756	0.95777365			0.93742	0.61917	0.25881	1.13419
1.03678614	0.08586557	1.3285894			0.13617	1.26733	0.08004	1.4125
1.35737149	0.904833375	0.61312171			0.98256	0.54503	0.65793	0.82913
1.60831603	0.955040071	0.64038636	0.85016308	0.61869006	0.95694	0.58548	0.65566	0.82413
1.02946384	0.819801799	0.71395547	0.77775484	0.54055499	0.643	0.83784	0.78226	0.66579
	0.586050289	0.9151224					0.41214	0.91512
	0.273637583	1.41721999	0.23023991	1.41721999				
	0.089494084	3.30322678	0.05395462	3.30322678				
2.53556032	2.97909E-05	4.50790039	7.894E-05	5.83897534	0.00682	3.20427	0.04017	6.84146
0.9399506	0.551410107	0.95341073			0.22724	1.25622	0.96159	0.36578
1.38456827	0.365709761	1.51803485			0.10026	3.37618	0.81408	0.29763
0.38797994	0.650701354	0.73259471			0.53647	0.89986	0.67707	0.61862
1.19080503	0.247391292	1.28527398			0.04291	1.49238	0.72014	0.77992
0.87618426	0.572933604	0.95421515			0.2298	1.14525	0.98202	0.46731
0.72566212	0.43898305	1.03590894	0.59652588	0.72519286	0.3788	1.05362	0.65043	0.65714
1.35177094	0.081836096	1.22024805	0.11575107	1.28292169	0.22666	1.15291	0.16678	1.24742
2.70174857	0.170801263	1.38293012	0.7215856	0.66018682	0.26561	1.29862	0.06042	2.03331
	0.30712157	1.07575859	0.32185195	1.05660487	0.46686	0.9148	0.10361	2.85888
0.9843381	0.425500718	1.0117827	0.22746337	1.12068383	0.39958	1.01252	0.97988	0.40403
0.69804289	0.755185965	0.88926724			0.9628	0.55301	0.35531	1.08248
1.11400138	0.613710608	0.99620154			0.38925	1.069	0.40579	0.99582
	0.332370972	2.22432651					0.29439	2.22433
	0.439975528	1.21046822	0.81274939	0.33066455	0.57506	0.53275	0.07265	8.34179
	0.6556821	0.82059141	0.94044541	0.41036226			0.09578	2.63291
	0.387557253	1.00985958	0.36162959	1.00949863			0.20024	4.05347
0.71991887	0.82230508	0.87752622	0.41092559	0.96827507	0.68652	0.84194	0.97498	0.49739
	0.565563196	0.60318084	0.55072544	0.50261594			0.54252	0.66219
	0.365299358	1.08324292	0.33132288	1.08324292				

1.55008731	0.630069837	0.73207709	0.60946173	0.73175581	0.58707	0.70925	0.47641	0.83234
0.87568039	0.105453329	1.16090688	0.27085638	1.07085461	0.00873	1.74891	0.60458	0.86577
	0.333365828	1.13427398	0.2954919	1.13427398				
	0.986361136	0.4758079			0.99468	0.47581		
0.36131306	0.536637337	0.74737488			0.48592	0.86837	0.54165	0.56326
1.0821582	0.633177955	0.93098816	0.76225178	0.5711533	0.52742	0.80955	0.42447	0.96223
	0.000901053	3.64630055	0.01028385	3.78319691	0.04196	2.84809	0.00912	4.61713
1.12225187	0.490897841	1.00758965	0.38861432	0.95896125	0.63292	0.64784	0.25214	1.18373
1.30791959	0.19589925	1.13529392	0.1812157	1.1714289	0.22162	1.15321	0.66251	0.82304
1.02518842	0.589493385	0.8162835	0.43772255	0.86183843	0.47771	0.74957	0.41149	0.57345
1.20874068	0.456388197	1.01748578	0.66070091	0.68737091	0.77917	0.62295	0.36206	1.03962
	0.365676846	1.05001699	0.33174971	1.05001699				
3.24604265	0.083563649	1.31698392	0.01948009	1.92583568	0.36237	1.0747	0.12653	2.17305
0.94033909	0.409028785	1.02554182	0.32889378	1.03808318	0.66787	0.65511	0.78827	0.58116
0.73738573	0.48329707	1.12712658			0.34978	1.14806	0.40533	0.60921
1.00383804	0.953517085	0.34489437			0.99532	0.38525	0.97766	0.20989
0.83017029	0.730216649	0.61106085			0.52584	0.83443	0.70048	0.58641
0.92976196	0.119379604	1.26924977	0.20095801	1.28425314	0.16787	1.49209	0.22233	1.19664
	0.076120208	1.53327623	0.09449249	1.66306726	0.14528	1.96282	0.2468	1.29793
0.7679579	0.614310862	0.92218443	0.79335227	0.57482073	0.91734	0.4532	0.20732	1.30897
1.44861268	0.42809182	1.06705429	0.57293683	0.7472667	0.65052	0.72257	0.33516	1.12823
1.00496439	0.557876335	0.80533091	0.46943767	0.85450453			0.45102	0.74042
1.4138837	0.318254514	1.07512782	0.23283556	1.13885525	0.23963	1.14453	0.88225	0.63055
	0.416875059	1.09837538					0.39023	1.09838
	0.881300081	0.37213519	0.93057903	0.28745505			0.44629	0.81962
	0.480910379	1.00875976	0.83466274	0.54281756	0.40922	1.02312	0.39829	1.5673
	0.61518363	0.90812572	0.66922819	0.58270753			0.41801	0.93577
1.31976279	0.608023866	0.92821123	0.70080963	0.48009375	0.43111	0.95383	0.45934	0.9033
	0.171443299	1.63844293	0.23385965	1.40909571			0.11842	3.51088
1.38261189	0.483324405	1.00533587	0.55975455	0.83303766	0.39252	1.01822	0.84792	0.68026
1.0541092	0.733295625	0.81255612	0.44376087	0.91836826	0.71687	0.7648	0.67106	0.80018
0.94441513	0.543223946	0.96996138			0.41083	1.04883	0.80631	0.67397
	0.717796358	0.54371049					0.73978	0.54371
0.86587068	0.550279369	0.96788717			0.11528	1.32389	0.99111	0.38739
	0.564520327	0.84372227					0.43737	0.84372
	0.267874339	1.97942097					0.22409	1.97942
	0.409410092	1.09394518	0.55006627	0.62412459			0.37745	1.09786
1.24689773	0.569622037	0.94737959	0.66421408	0.75124877	0.31815	1.20642	0.80561	0.51389
1.00389853	0.601619089	0.98409435	0.57913225	0.7756084	0.70737	0.5646	0.40931	0.98639
1.06896482	0.777136239	0.69119248	0.65819281	0.72537745	0.76895	0.66502	0.41429	0.75118
1.02554365	0.629322349	0.78923083	0.69504188	0.68527746			0.40251	1.46679
1.05198889	0.335552915	1.38755962	0.46826712	0.86984544	0.59251	0.74511	0.19893	1.92624
0.96553284	0.351945316	1.17907832	0.29581117	1.21086783			0.4384	0.81338
1.60019734	0.010057435	1.99350788	0.02622549	2.25279039	0.15117	1.65545	0.04153	2.0202
	0.19523203	2.16670639	0.14936571	2.16670639				
0.92418338	0.418776082	1.06927437			0.05012	1.43399	0.97284	0.51292
1.02641456	0.491199254	1.01536886			0.28851	1.09453	0.84432	0.68887
0.87588451	0.982395252	0.60396571	0.6967079	0.7857715	0.95164	0.61903	0.97041	0.4842
0.93215041	0.472179877	1.00186245	0.57000504	0.86768175	0.41219	1.00362	0.98968	0.43154
0.93277806	0.604569941	0.97160299	0.72402492	0.76936511	0.35394	1.0428	0.95047	0.55949
1.04866738	0.942780338	0.60544896	0.8648934	0.58904095	0.92251	0.58544	0.65035	0.74487
0.9845367	0.646941137	0.91273154	0.40692904	0.94586812	0.59398	0.78697	0.70892	0.60438
0.84750242	0.624607526	0.98264056	0.38702264	0.9841794	0.30057	1.08164	0.96465	0.51306
1.18492164	0.020118311	1.47349265			0.01095	1.72027	0.13542	1.2811
1.44624322	0.334889801	1.16936496	0.71649929	0.65954665	0.47562	0.95382	0.17207	1.39666
	0.684328009	0.74583931	0.55100657	0.71273451	0.78259	0.62128	0.2836	2.40257
2.31798268	0.312438749	1.30266572	0.62576229	0.66885923	0.56994	0.59089	0.21114	1.45976
1.94741858	0.671700858	0.94209894	0.393328	0.96610593	0.79331	0.6964	0.48241	0.92372
3.90846518	0.312782246	1.15627969	0.6660329	0.6864325	0.29986	1.19558	0.2952	1.21871
2.08479649	0.005947422	1.67213653	0.02619762	1.59547124	0.0103	1.78527	0.48494	0.94276
	0.391498108	2.38009867					0.36111	2.3801
1.67061916	0.917735009	0.61387408			0.80829	0.75575	0.97722	0.42131
1.60043469	0.092958503	1.75049741			0.11382	2.50485	0.20902	1.49946
	0.592594734	0.92497277					0.40448	0.92497
1.03920073	0.645504366	0.9673194	0.36584373	0.97096466	0.83416	0.63425	0.34765	1.14516
	0.588754194	0.95762181					0.40898	0.95762
	0.530490951	0.66545742	0.52189287	0.67337145			0.50827	0.27501
4.2928231	0.203653067	1.30943888	0.16777823	1.70442113	0.27207	1.4219	0.36501	1.13304
0.99907483	0.607561406	0.97637571	0.41354939	0.9013223	0.67665	0.56679	0.41213	0.98135
	0.000190117	2.28121615	0.0043222	3.73478977	0.05092	1.50084	3.2E-05	5.33719
3.68852713	0.415128707	1.07644513	0.5609012	0.66410764	0.91176	0.53186	0.10191	1.49053
1.30343717	0.750015208	0.80297773	0.66878514	0.6320952	0.81077	0.74862	0.35958	1.3107
0.86439727	0.521880614	0.99421456			0.41968	0.99267	0.40255	1.06623
0.7836088	0.298884198	1.07415291	0.34683676	1.05020781	0.542	0.87618	0.24873	1.17578
	0.143569232	2.67406346			0.47316	0.83038	0.14187	3.2052
	0.988821597	0.14995795	0.99998247	0.02068076			0.20783	2.47898
1.27783849	0.174003862	1.51982492	0.51621329	0.80852646	0.5472	0.88479	0.1029	1.65249
0.57496589	0.664136044	0.93658565	0.15251704	1.20160934	0.94629	0.62017	0.90353	0.62352
0.57359996	0.785764986	0.78110053	0.03895974	3.48624776	0.91881	0.59851	0.84117	0.59606
	0.555139694	0.62384297					0.44838	0.62384
0.68998373	0.934640023	0.6565591	0.55907191	0.72913679	0.86518	0.71072	0.91939	0.57476
1.11540683	0.51461088	0.98475057			0.42908	0.98345	0.37629	1.95795
0.84585451	0.584670047	0.98989084	0.54115944	0.82015541	0.4264	0.99136	0.68238	0.70692
0.96934147	0.288901255	1.60264515			0.61012	0.45045	0.26228	1.85818
	0.787338187	0.32104584	0.81635198	0.32104584				
0.36026759	0.81658719	0.44610511	0.64971207	0.54588397	0.49519	0.8229	0.83205	0.41613
1.50842475	0.294873586	1.03451304	0.34119621	1.02164695	0.76952	0.78472	0.00749	2.21518
0.88157668	0.470661719	1.02638072	0.53289307	0.82957575	0.66946	0.81409	0.3531	1.09836
0.87924004	0.971472628	0.57828313	0.71289511	0.74595181	0.98983	0.4764	0.61622	0.83342
	0.235910467	1.24203136	0.25657944	1.19601095	0.80602	0.47636	0.04563	3.75353
3.04955131	0.113682874	1.4382658	0.0552846	2.28557261	0.21746	1.25285	0.47863	0.86565
2.05079916	0.35231419	1.16852783	0.29327783	1.20174075	0.47821	0.83016	0.42821	0.78103
0.90062927	0.513119648	0.99767383	0.51596378	0.77524519	0.91136	0.349	0.21022	1.45816
1.55060813	0.285183438	1.09830733	0.18076196	1.19688105	0.82684	0.74051	0.2148	1.19437
	0.464291349	1.03769626	0.73888779	0.51646319	0.51471	0.80199	0.37557	1.09232
0.68570888	0.290290875	1.08904357	0.04779649	1.43631844	0.94712	0.62766	0.27028	1.11748
	0.064503632	1.42833036	0.25997305	1.27560098	0.35891	1.09616	0.00044	6.15806

0.8369838	0.13170285	1.36120906	0.33040009	1.12344645	0.49515	0.89961	0.02704	2.41924
1.06114422	0.175070694	1.41910155			0.77322	0.55897	0.06991	1.91189
0.80324356	0.81078768	0.74831107	0.71524328	0.73675316	0.6311	0.85373	0.80115	0.65294
1.03249213	0.393247331	1.00501096	0.35766746	1.00527397	0.89806	0.68974	0.35169	1.0412
1.19538653	0.602118693	0.90582151	0.69144606	0.60839113	0.81273	0.64137	0.16411	1.86168
1.07939199	0.413145243	1.12948342	0.57971126	0.62586056	0.72195	0.50794	0.27683	1.31301
0.7904068	0.04250133	1.7354655	0.01758418	1.87997156	0.35694	1.24947	0.49848	0.74658
0.8606391	0.890819311	0.59728835	0.66304219	0.64218652	0.90966	0.58184	0.58525	0.73051
0.71274151	0.613251961	0.93735265	0.39656406	0.94528882	0.53519	0.5795	0.621	0.61766
0.74077259	0.945655029	0.65144926	0.6102828	0.83309927	0.858	0.71674	0.95403	0.49899
0.71004567	0.762087477	0.79375265	0.47629254	0.90902253	0.72038	0.8007	0.71129	0.77528
0.77603502	0.662017357	0.86713804	0.78227122	0.25382332	0.97172	0.34891	0.1735	1.43891
0.70466218	0.383187964	1.09955305			0.65631	0.72776	0.30765	1.19369
0.89229173	0.799350886	0.717475			0.89134	0.53416	0.45683	0.94787
0.74143843	0.130393276	1.21246176	0.26410801	1.12358779	0.07482	1.53	0.34255	1.15044
0.61735148	0.458974041	1.0055343	0.62378245	0.79308976	0.76647	0.77169	0.40368	1.00886
0.62695097	0.536226144	0.98363754	0.68763988	0.66911927	0.90367	0.58002	0.1676	1.31566
0.96376826	0.000286123	1.96370445	0.00555091	2.18069958	0.00654	1.86969	0.02122	1.89816
1.00682407	0.625456164	0.99437328	0.36786084	0.99444767	0.61887	0.71908	0.51499	0.52226
2.31131035	0.309284087	1.0438343	0.34021631	1.03941973	0.32015	1.1143	0.38821	1.03352
1.29027753	0.453063645	1.03168984	0.29162109	1.16027341	0.9246	0.39383	0.38174	1.08368
0.88801468	0.70545827	0.76553537	0.62954938	0.74540921	0.69208	0.77234	0.50871	0.79526
0.74326299	0.386559401	1.0108254			0.55082	0.43971	0.39632	1.01086
	0.267226309	1.33149405	0.5417732	0.69547531	0.85928	0.56988	0.01184	3.4683
0.97084148	0.395886991	1.00629657	0.36051898	1.00658504	0.85874	0.63618	0.22826	1.36628
0.92480647	0.782004729	0.77447458	0.63734534	0.79256774	0.81689	0.74404	0.2956	3.01734
0.98681131	0.420478553	1.06878482	0.46912162	0.87230666	0.89039	0.64944	0.04901	1.80866
0.92163128	0.316395326	1.2222847	0.6034473	0.6017841	0.17328	1.48694	0.41799	0.88405
1.44791844	0.178869554	1.19560849	0.18065503	1.2236458	0.71783	0.79914	0.10548	1.44439
1.14460709	0.267004213	1.07990975	0.29820055	1.11578788	0.36403	1.0553	0.3169	1.08643
0.88322393	0.290063958	1.07113472	0.29325856	1.08660438	0.15	1.28852	0.43294	0.97319
1.64435283	0.638351668	0.91941411	0.75412558	0.58393933	0.99706	0.3282	0.04917	1.68304
0.57982805	0.365488442	1.15223701	0.43860384	0.8298761			0.31007	1.18224
2.04207158	0.103597358	1.91467172			0.46275	0.94277	0.01566	3.7024
2.43164993	0.46891073	1.05731294	0.76759993	0.40427907			0.33822	1.22261
1.26901796	0.884186116	0.30130445	0.93883469	0.20089258			0.45123	0.81879
	0.5488298	0.55989751					0.45578	0.5599
	0.324878222	2.02853472					0.28607	2.02853
1.07418623	0.429244629	1.07224924	0.55507268	0.63511317	0.89952	0.61714	0.0268	2.39355
	0.471682192	1.06501309	0.78731102	0.48922574			0.22597	1.67067
1.13171017	0.615680405	0.93513597	0.76775583	0.58735948	0.90873	0.51538	0.28645	1.15286
1.25764779	0.001554197	1.77733457	0.002186	2.06338583	0.03205	1.50874	0.06091	4.00242
1.22745676	0.511900269	0.9995149	0.87850778	0.49815196	0.35576	1.10148	0.39066	1.15617
0.70063608	0.397143137	1.00510789	0.35771096	1.0055111	0.62411	0.87471	0.70801	0.73482
	0.208273984	1.76684656			0.49357	0.8597	0.241	1.77654
1.00932084	0.174748659	1.55709798	0.64115252	0.57032196	0.76563	0.47949	0.04536	2.11259
0.6297839	0.771947453	0.74887105	0.76575898	0.65206725	0.60576	0.81232	0.66974	0.80084
	0.065865022	1.53536295	0.43593215	0.60850117	0.23315	1.21008	0.00235	5.24689
2.65728218	1.02255E-05	2.99961484	0.03523442	3.13846408	0.00113	2.38376	6.9E-05	4.703
0.44265379	0.574131448	0.93318048	0.42996855	0.8881453	0.78051	0.6594	0.17088	2.12519
1.29401609	0.569346274	0.87190856	0.45542267	0.88174389	0.52896	0.90653	0.44875	0.76664
	0.304807314	2.13074363					0.26397	2.13074
	0.284832213	1.60315786					0.24227	1.60316
1.0439225	0.314135652	1.13622261	0.68679523	0.40179022	0.30719	1.14254	0.33396	1.16956
0.82575271	0.000117497	2.22496602	0.02567288	1.97611701	0.00143	2.32608	0.00592	2.33231
1.0936722	0.122288346	1.26156616	0.28800517	1.11606201	0.04748	1.9051	0.25657	1.42058
	0.455268665	1.11086168	0.4204583	0.66697186	0.67789	0.42214	0.3312	1.37115
0.40522388	0.859135725	0.63942018	0.64022434	0.65873583	0.826	0.64015	0.76051	0.63219
1.16289381	0.407675853	1.2097275	0.56357175	0.7355774	0.56446	0.67818	0.32995	1.3506
1.93230907	0.578519766	0.85046274			0.54426	0.71723	0.45259	0.87212
1.05029478	0.280421875	1.17204401	0.80984606	0.64071026	0.85523	0.66562	0.00646	2.23141
2.12523787	0.434650986	1.1807591	0.63145093	0.50858301	0.63845	0.49171	0.28782	1.61973
2.00407601	3.30883E-05	3.12468013	0.00553132	2.75658311	0.00653	2.68656	0.00061	4.6021
	0.300557339	1.24039136	0.64551252	0.65175112	0.68551	0.66875	0.13765	1.52068
	0.355036328	1.55707957	0.67723802	0.50499001			0.16185	3.35215
0.66271628	0.840740494	0.69297764	0.63102762	0.82142402	0.50154	0.94859	0.87286	0.64377
1.08627751	0.489194824	1.01108418	0.6465574	0.67363211	0.34758	1.07404	0.78511	0.6436
1.92757949	0.47686437	1.02441067	0.53727646	0.54310802	0.9199	0.55338	0.13621	1.37664
	0.103507905	4.37780076					0.06533	4.3778
	0.353992537	1.43208081					0.31857	1.43208
	0.651270357	0.9212702	0.99736876	0.29394881	0.25396	1.35917	0.25067	1.1786
2.43666848	0.000154998	2.50844461	0.00016942	3.51096646	0.00497	2.10665	0.30665	1.54708
	0.293739074	1.99399501					0.25191	1.994
0.76696307	0.634331824	0.95339797	0.53625895	0.83577027	0.44279	0.98067	0.77612	0.72014
0.79827496	0.034279924	1.41149128	0.21595776	1.25316953	0.07547	1.46339	0.06587	1.51455
0.74082555	0.56278613	0.99848586	0.32360305	1.03930022	0.42045	0.99799	0.44045	0.9702
3.2536682	0.39103144	1.1412557	0.50802723	0.74245702	0.63238	0.65788	0.31538	1.20506
	0.371954247	1.02610582	0.6254697	0.7337414	0.40457	1.01525	0.06028	2.13539
1.1903145	0.466461742	1.06892103	0.62647068	0.57724838	0.69955	0.47618	0.31977	1.30793
0.96306872	0.497219045	1.01449549	0.6249298	0.67759382	0.31736	1.35159	0.43335	0.92713
	0.281111101	1.17092634	0.59322708	0.69939538	0.26283	1.16553	0.32824	1.30748
1.47914056	0.514568255	0.99886824	0.30810911	1.07606791	0.98439	0.50739	0.24064	1.16093
1.35111496	0.45397787	1.01215821	0.49909107	0.50246665	0.39933	1.02022	0.43567	0.97153
0.3952025	0.543452533	0.97546577	0.51373069	0.76769079	0.81991	0.72059	0.20106	1.37688
1.41851401	0.577698175	0.96555387	0.93518588	0.57097778	0.6797	0.83739	0.15543	1.27553
	0.228765863	1.8292103			0.19272	1.5908	0.13562	2.82948
4.05229971	0.22671242	1.1682074	0.31416983	1.10234169	0.30268	1.1957	0.10469	2.97886
1.62224248	0.581844648	0.87130191	0.81457213	0.3154892			0.38685	1.24604
0.8265416	0.170484469	1.16080171	0.13228011	1.26190702	0.28084	1.10105	0.49723	0.79344
1.3547135	0.039291315	1.37726921	0.22496694	1.30783331	0.03315	1.58455	0.16468	1.25111
2.312449	0.513432523	0.97687606			0.42428	0.97701	0.4795	0.77675
0.92996165	0.314033532	1.18883797	0.59215308	0.60612324	0.85405	0.65147	0.02331	2.28705
	0.616463435	0.97713988	0.86516849	0.47695911	0.43035	0.98705	0.58771	0.8317
1.69193352	0.416782782	1.0386005	0.51667843	0.78121829	0.38973	1.03876		

1.39531771	0.16978232	1.25129407	0.02541813	1.69454163	0.89139	0.68548	0.02771	3.85207
	0.105795168	1.62299829	0.47727415	0.81211818	0.09066	1.77488	0.22394	1.45816
	0.410041568	1.13927729					0.38237	1.13928
0.82588048	0.403724578	1.06036343	0.62839362	0.75050923	0.15861	1.23903	0.84421	0.67078
	0.366816199	1.19384202			0.38187	1.13382	0.31679	1.31888
	0.434852547	1.01458284			0.411	1.01458		
1.1497664	0.408151103	1.11434284			0.37873	1.0612	0.18975	1.55458
1.8800181	0.546583906	0.95639302	0.52219041	0.72450643	0.76377	0.62828	0.30848	1.33064
0.96601742	0.693389201	0.72645008	0.71651054	0.5795204	0.65433	0.73924	0.38528	1.81681
1.0164665	0.229711914	1.07756002	0.39879165	0.97597033	0.05368	1.44045	0.04501	1.56272
	0.598228047	0.97400938	0.37718259	0.96840797	0.34344	1.37829	0.49762	0.74997
2.03129674	0.421602283	1.11574672	0.47043879	0.87691002	0.60582	0.7752	0.32302	1.24466
1.75428615	0.487864793	1.02300583	0.64067703	0.5885781	0.3605	1.14067	0.68088	0.6529
2.5547574	0.137036735	1.89108218	0.65755576	0.43582242	0.56521	0.83163	0.04437	2.58022
1.80517021	9.2734E-05	2.24610386	0.00789924	1.98107469	0.01824	1.85967	0.00024	4.20448
1.39874882	0.586353178	0.99373798	0.37213576	0.99071998	0.41923	0.96327	0.02853	2.1931
2.5046949	1.62228E-06	3.09734073	2.8459E-05	5.71235168	0.0005	2.63029	0.00866	2.51909
0.65799486	0.500730475	1.00243639	0.70342494	0.75393525	0.38226	1.02493	0.81319	0.70335
1.18457814	0.006079013	1.87711054	0.07578596	1.85069449	0.08229	1.63626	0.01164	2.14195
1.23941896	0.826163081	0.70068057	0.49848299	0.73997945	0.59627	0.8572	0.86548	0.64845
0.86745965	0.69751944	0.87241215	0.83363917	0.61461523	0.45366	0.96832	0.5309	0.90615
0.60305133	0.553710493	0.96206858	0.96517778	0.32350179	0.53645	0.7368	0.18286	1.38067
1.49140759	0.257737469	1.48112546	0.64707029	0.54428614	0.50998	0.79672	0.16861	1.64716
	0.408762507	1.06330303					0.38089	1.0633
	0.013805448	4.03354471	0.00831522	5.0575294	0.11635	2.82807	0.472	0.53833
1.21529989	0.920986398	0.65636357	0.50865973	0.89077103	0.73986	0.80301	0.95982	0.49582
1.31299524	0.819437667	0.61643024	0.5422691	0.83877039	0.80175	0.63415	0.74673	0.46881
	0.88330982	0.49389348	0.65553082	0.60674315	0.92524	0.38399	0.43818	0.8423
0.93491709	0.146280146	1.21906747	0.06206701	1.46514728	0.15392	1.49265	0.43548	0.96261
0.76153407	0.648377825	0.92225895	0.39390943	0.94757381	0.74588	0.50501	0.60975	0.54774
2.01212596	0.506099063	1.00160164	0.17533249	1.46702287	0.4391	0.97472	0.4271	0.97266
0.6972921	0.950418735	0.61333602	0.7330917	0.73216199	0.7181	0.78236	0.97848	0.42488
0.85753568	0.675086314	0.92554009	0.92185084	0.6203696	0.18783	1.19291	0.89542	0.6341
1.24454703	0.394532056	1.10256326	0.36455227	1.10258475	0.50343	0.57507	0.4987	0.8312
	0.384815072	1.39757625	0.37504118	0.54861271	0.58071	0.69624	0.19307	2.89823
	0.388963415	1.1613023	0.72726374	0.45739429	0.2576	1.34281	0.44709	0.81617
	0.42852184	1.00395804	0.45308888	0.26260124			0.40361	1.00396
1.21287647	0.695584614	0.88442777	0.61788987	0.6490799	0.83203	0.56877	0.42773	0.95792
	0.737209672	0.39662224	0.75395602	0.3968209			0.57294	0.39381
	0.538351139	0.99033028	0.36311314	1.77276423	0.18039	2.22635	0.40687	0.97148
	0.625205343	0.67247054	0.36643013	0.67247054				
1.07036566	0.630207121	0.98834358	0.37443738	0.98950629	0.69083	0.8041	0.51164	0.86799
1.16382878	0.842246253	0.61008565	0.7587227	0.63961331	0.82163	0.55208	0.56498	0.78962
1.58611152	0.863353504	0.40274933	0.87017746	0.33286236	0.68911	0.24177	0.67887	0.5788
0.92158333	0.608368847	0.90772884	0.40413678	0.92098285	0.56312	0.64532	0.60284	0.48355
1.47798842	0.550407389	0.93790189	0.75593565	0.50763602	0.47718	0.85573	0.35891	1.28488
	0.444520933	1.10188032	0.45672452	0.70653712	0.47105	0.94839	0.35765	1.28504
	0.675377297	0.59831099	0.6776182	0.4778775	0.59631	0.58596	0.44083	0.77772
	0.590167924	0.68919006	0.50220658	0.69803263	0.5885	0.6845	0.47175	0.72403
	0.175917113	1.59707869	0.11933813	1.96387396	0.255	1.57581	0.65545	0.60051
1.23572436	0.403731569	1.12175331	0.43179739	0.84691567			0.34009	1.17394
0.88766842	0.605038841	0.97578175	0.56192735	0.72432645	0.99233	0.40068	0.38233	1.0274
0.76910543	0.486303321	1.01962764	0.29129504	1.17909794	0.81119	0.58866	0.58126	0.6283
0.9847537	0.085304923	1.44858007	0.14253623	1.35865513	0.19291	1.45274	0.14356	2.12558
0.921883	0.6354084	0.97451402	0.44899278	0.89702269	0.86514	0.5787	0.41638	0.9853
	0.748937801	0.74696885	0.63807562	0.79293469	0.7496	0.7204	0.4709	0.82448
	0.701909586	0.53853053	0.46736436	0.65970237	0.58529	0.6548	0.71118	0.48898
	0.770410323	0.68227423	0.65415173	0.64652999	0.76345	0.69257	0.56799	0.61687
1.09995539	0.482893537	1.00783008	0.64565728	0.71939112	0.83515	0.55675	0.38961	1.02719
1.86510219	0.010744877	1.62563386	0.00135548	2.7059819	0.1999	1.26765	0.1473	1.39703
1.20905053	0.983238733	0.39383925	0.85540983	0.46566888	0.98946	0.33247	0.59068	0.75251
1.29673773	0.657077942	0.72217277	0.67217556	0.70172283	0.47282	0.87169	0.51493	0.63711
	0.879999911	0.28205858	0.90670639	0.2787			0.60107	0.34981
1.22079002	0.321046745	1.1205663	0.13554833	1.54222506	0.39022	1.06826	0.80626	0.48885
0.95714557	0.562114162	0.97587683	0.63979352	0.72480802	0.88101	0.61127	0.33975	1.07704
	0.625026536	0.07953535					0.63336	0.07954
0.55557453	0.439599901	1.0310569	0.33626547	1.06501314	0.81004	0.57137	0.48844	0.85583
0.90591648	0.717816301	0.8981008	0.6574265	0.6468032	0.83793	0.64851	0.41133	0.95972
0.96506433	0.463087215	1.06855212	0.6362159	0.62555177	0.68889	0.45873	0.34336	1.19312
0.61593897	0.880340045	0.52484483	0.6621633	0.60021567	0.90983	0.4716	0.45511	0.85428
0.75691886	0.7019714	0.82395379	0.55467532	0.7898201	0.76235	0.69638	0.44667	0.94182
0.78654348	0.64603544	0.68561962	0.47640089	0.86710822	0.51369	0.90398	0.66635	0.63092
0.80441508	0.333283459	1.18194751	0.52623598	0.82728319	0.68996	0.75691	0.16065	1.45259
0.98355226	0.918739658	0.65820247	0.84901057	0.6057158	0.88198	0.61539	0.70333	0.77772
1.1211149	0.455587505	1.0055925	0.47905739	0.77524519	0.8755	0.60055	0.39994	1.00871
	0.596862467	0.98646146	0.71941391	0.44816077			0.40815	0.98763
	0.272471261	2.41503992					0.22899	2.41504
	0.411036895	1.13758201	0.52718369	0.78311934	0.63567	0.63416	0.32695	1.23181
1.07991716	0.641890567	0.57308589	0.6605349	0.51185193	0.481	0.86141	0.52205	0.63661
2.57033843	0.509052436	1.0003628	0.65941049	0.75450652	0.90851	0.64271	0.38814	1.01727
0.95744233	0.728664408	0.69966816	0.70623794	0.62794122	0.64199	0.59021	0.62128	0.79426
1.30938573	0.285705845	1.1112481	0.18685508	1.21933673	0.22241	1.19304	0.89453	0.56075
1.33523793	0.912701142	0.60629293	0.7475013	0.6470066	0.78566	0.66124	0.8861	0.53381
1.47006183	0.40654347	1.02336788	0.84009418	0.6938129	0.35096	1.04788	0.35822	1.03599
0.94326046	0.601014393	0.96349885	0.51472176	0.90111345	0.30756	1.07936	0.96592	0.52856
0.88198935	0.827677987	0.68956162	0.82529011	0.64209936	0.69671	0.63702	0.63203	0.81114
0.49044724	0.645651966	0.52808165	0.50122452	0.7606484			0.6573	0.52802
	0.518413906	0.61635656					0.50853	0.61636
0.81396845	0.941848906	0.59069974	0.76571521	0.62307256	0.93584	0.55683	0.75756	0.65362
	0.972110915	0.35900105	0.98250126	0.13639242	0.92118	0.4455	0.46421	0.87779
0.96192411	0.783921543	0.62790053	0.61909081	0.67845078	0.77114	0.55259	0.66861	0.69719
0.89418263	0.773044944	0.73256361	0.61789745	0.68698292	0.7024	0.75946	0.72352	0.71013
1.21825592	0.140954877	1.09480327	0.03806076	1.55394394	0.38679	1.02201	0.019	1.76975
0.78321028	0.604861588	0.94526751	0.64460829	0.76673189	0.20105	1.23147	0.95278	0.51673
	0.192735232	1.17489321	0.30150236	1.08826082			0.04509	2.20085
0.6307404	0.731254268	0.95673701	0.39117183	0.98201669	0.59662	0.87629	0.98383	0.47212
1.04452319	0.758242061	0.87463114	0.93370813	0.5422995	0.95929	0.59034	0.1259	1.31342
1.29462268	0.442054945	1.01922942	0.77120301	0.56301778	0.63243	0.61299	0.37512	1.03053
	0.57494756	0.82631901					0.42515	0.82632
1.59429144	0.076328286	1.19183442	0.24797003	1.09402051	0.20669	1.17332	0.01469	1.91658
	0.573039453	0.73004373					0.42738	0.73004
0.78309579	0.645583759	0.81165597	0.71177398	0.46132629	0.49163	0.89187	0.41635	0.88878

	0.7095268	0.41703079	0.69308914	0.47008607			0.66894	0.13099
1.13659295	0.509765759	1.00122566	0.59320781	0.71679189	0.8304	0.57088	0.25419	1.27338
0.78561218	0.67268852	0.77286407	0.52549401	0.85806415	0.6861	0.76794	0.52711	0.80072
0.74864651	0.636619108	0.92404142	0.3968721	0.94427389	0.44012	0.84977	0.67141	0.65498
1.02577995	0.829529107	0.39563372	0.89300637	0.25684162	0.54198	0.75056	0.5575	0.79422
0.97630611	0.624603895	0.99161594			0.48544	0.78106	0.40522	0.99162
1.42924068	0.494443357	1.00844791	0.37411791	0.58766524	0.86523	0.54657	0.32499	1.08593
	0.515697924	0.684962					0.50534	0.68496
0.66483836	0.420835162	1.00508016	0.35546133	1.00709545	0.45668	0.97542	0.97628	0.44847
	0.048204966	2.44798812	0.04026132	3.45069135	0.15584	1.94712	0.31112	1.88843
1.00902867	0.442801655	1.03394467	0.59167897	0.74751049	0.83851	0.48258	0.31899	1.08416
0.91094677	0.419133985	1.05021897	0.94701317	0.58024995	0.05493	1.44082	0.65936	0.78285
0.9260459	0.437304999	1.00240377	0.69304376	0.71185636	0.76436	0.74096	0.40317	1.00271
0.49281338	0.335387507	1.14207028	0.29258651	1.14778015	0.4704	0.87076	0.49628	0.45338
0.96953522	0.648413231	0.9556155	0.38753665	0.96860419	0.7178	0.67732	0.67182	0.5768
	0.308766874	1.60629509					0.26831	1.6063
	0.583705124	0.78775621					0.41489	0.78776
0.94543365	0.96876603	0.52834041	0.61925267	0.74059338	0.98141	0.45758	0.77984	0.65118
0.72104398	0.980280674	0.5253938	0.8430443	0.53582719	0.66432	0.82205	0.99338	0.37536
	0.374101712	1.26648185					0.34129	1.26648
0.87360301	0.47468255	1.04679488	0.52713953	0.78541729	0.35113	1.19825	0.71008	0.5655
	0.619981692	0.65544762	0.56968128	0.65096037	0.59234	0.68254	0.56259	0.49925
0.82225115	0.555793127	0.98462026	0.18702037	1.15328742	0.45433	0.97751	0.98471	0.46345
0.94488839	0.636906376	0.71999706	0.50117651	0.7968064	0.62918	0.69603	0.57573	0.76201
1.51806787	0.888661406	0.4881868	0.71034967	0.4743758	0.90389	0.40611	0.65264	0.69302
	0.51343785	0.52443443					0.49731	0.52443
	0.521206123	0.68862965					0.4882	0.68863
0.64028784	0.459682843	1.00153381	0.63799014	0.82099888	0.41406	1.0022	0.98273	0.46594
1.22937009	0.647756293	0.9638994	0.77220773	0.46900236	0.86964	0.42986	0.41502	0.9808
0.89151314	0.334277312	1.05871309	0.16013055	1.20051654	0.32872	1.06282	0.94412	0.49785
0.85728806	0.789883187	0.74982897	0.73993684	0.72633988	0.60086	0.87888	0.77553	0.5905
	0.486879017	1.03629732	0.68430042	0.51533295			0.39637	1.1514
	0.277660738	3.55169515					0.23455	3.5517
0.88157796	0.996886178	0.53195392	0.94137806	0.56089843	0.99574	0.44805	0.8753	0.65098
1.49381888	0.559930308	0.98199208	0.30129158	1.09199022	0.99864	0.39377	0.09686	1.36529
1.19556476	0.890147082	0.52803127	0.62717841	0.56833938	0.91814	0.50169	0.4426	0.80407
0.97877675	0.672567993	0.91953179	0.78967185	0.70289424	0.21452	1.18491	0.95941	0.52516
0.8545946	0.778075582	0.66476262	0.59821818	0.7008558	0.68194	0.65646	0.752	0.66233
1.66109292	0.021536484	2.02870775	0.00345096	3.21656798	0.3574	1.20866	0.22016	1.63237
1.06877283	0.724902555	0.59762337	0.53787855	0.7560865	0.74722	0.58725	0.50418	0.71903
2.15151979	0.56835376	0.9396592	0.57223268	0.77359635	0.45975	0.96085	0.54306	0.85445
1.46649193	0.872209451	0.6184667			0.26301	1.39374	0.99322	0.27503
	0.365530781	1.2968494			0.71016	0.46091	0.2253	1.8903
1.90654509	0.685990391	0.73470979	0.69984384	0.66270677	0.53309	0.90482	0.40909	0.75997
	0.415293237	2.25384514					0.38841	2.25385
	0.437302265	1.12783739	0.73504735	0.42283199			0.30337	1.36461
0.49770762	0.460027451	1.03373043	0.31247803	1.11855978	0.49452	0.65674	0.88156	0.38127
	0.742977335	0.41762174	0.7436811	0.38550636			0.63349	0.49178
1.58903088	0.703104565	0.69991471	0.67796341	0.67714873	0.64788	0.69186	0.53304	0.85722
1.28837654	0.991274077	0.45197029	0.8124758	0.58856565	0.99604	0.41672	0.48607	0.75277
1.08448394	0.591761627	0.98283158	0.50630762	0.81092509	0.62412	0.79059	0.41709	0.98489
0.42920056	0.604431718	0.63969796	0.55362423	0.65808812			0.59597	0.63307
	0.528481239	0.29782344					0.47966	0.29782
	0.908134158	0.43700771	0.63217652	0.63856566	0.937	0.39916	0.48846	0.88097
1.33979859	0.544781559	0.98400483	0.88193251	0.54615384	0.37805	1.05539	0.46371	0.89922
	0.397813588	1.44397779					0.36833	1.44398
	0.519628741	0.98405979	0.76111775	0.4421121			0.32638	1.41877
0.88256662	0.905004805	0.58623625	0.53184615	0.8893918	0.48454	0.95747	0.94572	0.53706
	0.305906194	1.74228169					0.26517	1.74228
1.18882101	0.435607507	1.08562327	0.47502502	0.7910728	0.29635	1.23807	0.76364	0.48834
1.27402358	0.365275106	1.06762479	0.24094974	1.12025493	0.70619	0.77793	0.59024	0.82726
1.36454792	0.714070668	0.68271967	0.66415749	0.61605553	0.68393	0.70715	0.5126	0.86633
1.50620183	0.745150182	0.83387719	0.61610232	0.65047463	0.952	0.2651	0.42472	0.95145
1.55035474	0.003971706	1.62610098	0.00173755	2.5053073	0.2603	1.15291	0.0078	2.05322
1.70893222	0.583083135	0.8774345	0.59121398	0.60902183			0.43893	0.90631
0.89280392	0.773809739	0.77914335	0.59175307	0.83619469	0.59028	0.88602	0.80402	0.71108
1.25658204	0.388662375	1.09559683	0.60231332	0.67577841	0.56623	0.84594	0.31898	1.13164
	0.397748315	1.39356427					0.36826	1.39356
1.37510453	0.900851468	0.78088968	0.99349113	0.40011646	0.98494	0.52152	0.10617	1.3518
1.55489865	0.482908847	1.00613942	0.72726145	0.5953193	0.4347	0.98096	0.37844	1.03007
1.85613276	0.642345781	0.56368582	0.49683705	0.76278639			0.65348	0.56338
	0.271178903	1.96057731					0.22761	1.96058
1.10259246	0.418303807	1.24541796	0.25483474	2.40308547			0.43925	0.8581
	0.791109004	0.65512891	0.83046929	0.61611594	0.54088	0.88871	0.47928	0.78563
0.42622353	0.532265863	0.99549318	0.3140487	1.11883613			0.41084	0.9829
1.03095405	0.395064443	1.00112729	0.36367452	1.00114064	0.87964	0.65332	0.34194	1.08544
1.42583705	0.206002918	1.10855923	0.08797579	1.4192342	0.36709	1.04293	0.32609	1.13401
	0.851125902	0.3252743	0.88270304	0.32118765			0.46889	0.59653
0.90128147	0.66269477	0.69906843	0.54447889	0.75978636	0.67167	0.69141	0.48075	0.75401
	0.324574217	1.64220055					0.28573	1.6422
	0.905405365	0.33824625	0.96460687	0.14890158	0.64748	0.66931	0.47751	0.86066
0.73764887	0.924811964	0.64312512	0.43726524	0.92459313	0.95844	0.50254	0.78567	0.65967
0.73886528	0.662458962	0.67983988	0.62028035	0.74949647			0.65986	0.46155
0.64817671	0.485650699	1.0366051	0.45948859	0.82185701	0.45849	0.94163	0.35312	1.44021
	0.308995042	1.84047987					0.26856	1.84048
	0.396849921	1.01344138	0.31718964	1.09708333	0.41386	1.0088	0.2572	1.73976
1.32235524	0.57586122	0.84349215	0.45780529	0.88452006	0.51415	0.83787	0.43305	0.78389
1.09372698	0.469485267	1.06356927	0.48781519	0.82744146	0.66471	0.54409	0.38423	1.17218
1.48464885	0.607071221	0.9925744	0.61010178	0.72681939	0.76992	0.75562	0.4094	0.99403
1.01230158	0.457599612	1.03036545	0.87257981	0.58875696	0.50475	0.93925	0.2474	1.15272
0.88890783	0.701458118	0.92393389	0.75391611	0.67493544	0.9738	0.54203	0.32195	1.07401
0.98307809	0.453909393	1.03391721	0.90597132	0.60714598	0.08985	1.41362	0.67995	0.77935
	0.573454185	0.98437746	0.66852004	0.47123613	0.36261	1.2015	0.41157	0.9808
1.20512676	0.273591977	1.39865324	0.75411365	0.53613465	0.55084	0.79927	0.08824	2.10458
0.65479013	0.585000917	0.8143551	0.43869191	0.85251629			0.57439	0.65818
2.23079798	0.963230397	0.27186183	0.9108123	0.33100088	0.76394	0.20367	0.92506	0.20516
1.01844993	0.633942841	0.96671173	0.37940813	0.97208447	0.70019	0.49135	0.70793	0.35864
1.33421909	0.997550738	0.26894226	0.59101475	0.6337207			0.99949	0.25922
0.82809414	0.398828309	1.11216823	0.13934847	2.15247708			0.43099	0.93974
1.34253016	0.444408265	1.04084673	0.67391331	0.52049262	0.60415	0.51684	0.38772	1.06065
0.79462327	0.622045903	0.93515851	0.3910523	0.94486171	0.62833	0.63776	0.55388	0.70654
	0.385713133	1.26983206					0.3545	1.26983
0.76461278	0.29885431	1.07935521	0.13679522	1.50453301	0.61386	0.76124	0.35775	1.04647

1.7347613	0.558210934	0.99366012	0.84141986	0.69851789	0.43049	0.99161	0.28911	1.09532
1.20512676	0.683567801	0.92868363	0.64673801	0.7384906	0.79987	0.69467	0.41953	0.96981
0.9525567	0.575672441	0.70647286	0.46996388	0.77003586	0.54873	0.59588	0.44657	0.71679
0.83067001	0.979342547	0.47515053	0.79162032	0.68856993	0.52165	0.84344	0.99368	0.33529
0.95404371	0.501733853	1.01116364	0.69968303	0.65840578	0.36122	1.18083	0.55439	0.58142
0.82097581	0.890898701	0.6166868	0.7044047	0.72896028	0.56319	0.87517	0.92914	0.48831
0.83947029	0.486023352	1.04188501	0.40621208	0.37543474	0.67671	0.5477	0.36889	1.23095
1.58453629	0.429743079	1.02237004	0.37213049	0.55183533	0.63766	0.62454	0.38898	1.02641
0.49718721	0.767233571	0.34834107	0.79401923	0.34728779			0.52487	0.46118
	0.518596111	0.5865701					0.50874	0.58657
1.35579796	0.551565543	0.75884413	0.53881572	0.77602039	0.52837	0.69437	0.50181	0.84394
0.8270573	0.618323253	0.75143533	0.57923141	0.81290682	0.60248	0.61674	0.4442	0.46887
1.02851654	0.665375087	0.88761911	0.64196228	0.66260797	0.71179	0.70314	0.42829	0.94938
1.69993191	0.796234721	0.361300016	0.8493294	0.25684162			0.44025	0.74903
0.84375379	0.405148462	1.07207491	0.73867072	0.68764478	0.21877	1.21147	0.73005	0.55273
0.44467787	0.046524495	4.00391788	0.02269498	4.00391788				
0.58846867	0.551143315	0.98341643	0.40388058	0.94631526	0.0942	1.32165	0.9823	0.47601
0.76118379	0.379330321	1.20481873	0.57467254	0.76322986	0.30608	1.29465	0.45541	0.70661
1.04987883	0.752763251	0.64165012	0.37682707	0.68324773	0.58798	0.78206	0.76123	0.55976
0.64836098	0.788619952	0.71954545	0.74947985	0.62337809	0.65026	0.77512	0.70141	0.74647
0.76368628	0.752459243	0.65980369	0.51408211	0.81500552	0.75828	0.6385	0.62731	0.71423
1.00962609	0.323216729	1.1327399	0.19304908	1.29170467	0.45794	0.96626		
1.15865572	0.51738407	0.99124146	0.60638568	0.70529705	0.63648	0.73192	0.36147	1.25125
0.85261253	0.845611171	0.66938779	0.42185254	0.75964847	0.74268	0.69626	0.82908	0.64194
1.45349464	0.503910753	1.0057227	0.40926717	0.90271367	0.68064	0.79323	0.2387	1.38642
1.38920285	0.506458846	1.00573214	0.5479647	0.7685094	0.66801	0.66958	0.39511	1.135
1.47144351	0.112627858	1.18149408	0.00808284	1.85616819	0.34307	1.05327	0.36373	1.99841
0.96254912	0.564225954	0.97964139	0.48784081	0.84529165	0.43851	0.97989	0.45958	0.36532
0.33329736	0.580665825	0.89589975	0.44054122	0.89043872	0.46476	0.9349	0.41241	0.52702
0.93354371	0.748664938	0.60837828	0.65160089	0.66303914	0.61075	0.67485	0.72772	0.52494
	0.101979819	1.79283069	0.14599847	1.79621597	0.27259	1.53852	0.16615	2.1608
1.18736514	0.904785378	0.64436401	0.67829955	0.67714873	0.92064	0.60916	0.65124	0.76856
0.35054214	0.929054473	0.41821496	0.95559726	0.4102177	0.52539	0.78746	0.49164	0.89202
1.59306623	0.584147279	0.96460408	0.46074376	0.82906996	0.52686	0.78235	0.41855	0.96616
0.44434194	0.650188385	0.71275434	0.65788849	0.64667716	0.56682	0.80528	0.48485	0.85631
0.81169971	0.608718575	0.75386969	0.46356365	0.81613998	0.48994	0.79406	0.6094	0.7391
1.17331857	0.579927218	0.96676494	0.85670571	0.67537403	0.2614	1.14119	0.72799	0.77243
0.64850836	0.98532257	0.42003889	0.57278143	0.85502773	0.54728	0.8393	0.99687	0.34541
1.00290644	0.242672343	1.30452278	0.19131162	1.36386728	0.46964	0.93245	0.3721	1.35887
0.68028269	0.318925868	1.25578118	0.26563274	1.28068471	0.48553	0.74267	0.42104	0.61125
1.05897049	0.289741793	1.38063141	0.79821844	0.45836173	0.61045	0.5365	0.08168	2.20048
1.16785415	0.855849261	0.73318858	0.85945528	0.630325	0.60649	0.8732	0.75629	0.74983
0.6600969	0.550104644	0.73821632	0.54181269	0.74298384	0.5021	0.84027	0.51873	0.69993
0.64268256	0.376476353	1.06887558	0.32670517	1.07791022	0.58666	0.64329	0.61607	0.57508
1.07438491	0.386263954	1.39746065	0.47851769	0.80378698	0.34689	1.43901	0.49683	0.78955
0.89593882	0.798383222	0.50853407	0.79019532	0.50875208	0.68976	0.50359	0.5153	0.71552
1.05181948	0.72749769	0.91186197	0.76457868	0.63319553	0.97682	0.53588	0.34611	1.0637
0.72725759	0.87185265	0.57106608	0.7729253	0.6349871	0.86187	0.51202	0.49217	0.68744
0.76538206	0.66244068	0.7140368	0.67356114	0.6638174	0.51664	0.90482	0.56516	0.78791
0.9320815	0.963857567	0.61019102	0.92543231	0.52434627	0.83799	0.68092	0.88495	0.61371
	0.386535526	1.28081892	0.50302169	0.7606484			0.35537	1.28105
1.00301283	0.670642998	0.90584931	0.62176895	0.71512059	0.4397	0.96739	0.8246	0.53612
1.5764934	0.743710387	0.77302725	0.62697815	0.6906307	0.73077	0.74013	0.62199	0.84056
0.65668155	0.344720725	1.01151624	0.51560473	0.90566183	0.00679	1.79521	0.39562	1.0061
1.28660347	0.644160331	0.92319093	0.95640138	0.50581283	0.67524	0.77782	0.2152	1.22147
0.89264076	0.815703842	0.70653782	0.8371891	0.59566198	0.60589	0.83037	0.66829	0.77617
	0.568760247	0.67055139					0.4324	0.67055
1.09375754	0.519399273	0.99790509	0.78868115	0.57426484	0.40198	1.02216	0.84237	0.5934
2.64829642	0.018441845	1.67102022	0.09496627	1.53930846	0.17869	1.44236	0.02089	2.0771
1.06902093	0.901238315	0.69810947	0.82715544	0.62576917	0.79907	0.73023	0.79108	0.7132
1.33086564	0.640073168	0.9277257	0.65483822	0.70616149	0.93325	0.5501	0.30557	1.12345
0.81328522	0.439763047	1.03373889	0.63387683	0.71578877	0.36024	1.06047	0.63735	0.78006
0.98189859	0.883369248	0.67943913	0.92903396	0.53725272	0.43833	0.92544	0.72932	0.69686
0.81891773	0.321902304	1.14311475	0.53283297	0.81901351	0.46237	0.88013	0.27067	1.15607
4.59249927								
1.03023627	0.598853667	0.93601827	0.4367166	0.89613292	0.44165	0.95807	0.41073	0.84065
2.75466795	0.484892516	1.00360097	0.47172349	0.86145213	0.42752	0.99146	0.01668	2.25134
1.42209489	6.74083E-05	2.5027132	0.00069148	3.69458527	0.02233	1.97379	0.00316	2.43401
1.04974006	0.73718518	0.7080419	0.72648498	0.66126265	0.49058	0.56827	0.6565	0.75826
0.98940287	0.222470288	1.14603368	0.2421593	1.13893775	0.59396	0.86453	0.22176	1.22057
	0.602425086	0.88392833	0.71243498	0.51768044	0.44523	0.93206	0.39027	1.68251
1.22110035	0.561653084	0.7734247			0.54617	0.73422	0.46511	0.80784
0.85915082	0.704955849	0.72915706	0.4714132	0.83493661	0.43337	0.70675	0.71664	0.72595
1.15091973	0.771367652	0.72872467	0.79657214	0.69840725	0.55404	0.8931	0.61469	0.54819
1.14731208	0.789737029	0.81595727	0.52627429	0.79225688	0.9341	0.52035	0.43907	0.96076
1.01034516	0.2605204	1.10407058	0.28578646	1.10517244	0.52927	0.89566	0.28882	1.10629
1.35708159	0.603763901	0.88427799	0.58072796	0.77197061	0.44028	0.91576	0.56535	0.87376
1.37001652	0.038461917	1.64329592	0.00982492	1.95971424	0.2784	1.30016	0.68954	0.59984
	0.45759934	1.08679722	0.65995859	0.56273198			0.36728	1.21362
1.07936769	0.863634683	0.71908764	0.79702058	0.65386475	0.81895	0.74028	0.62217	0.77
0.99901835	0.722736883	0.70145496	0.66916583	0.64585131	0.68748	0.72093	0.45026	0.77064
0.93068697	0.815948678	0.77492574	0.66904572	0.75767992	0.7539	0.78661	0.73267	0.76541
1.1182349	0.640252283	0.73617184	0.6439286	0.69161022	0.4376	0.81154	0.49085	0.8902
1.29875617	0.72166644	0.65768528	0.64945566	0.64797503	0.43167	0.81231	0.70878	0.57441
1.42768941	0.460319833	1.04543188	0.74499552	0.46796109	0.6241	0.69313	0.33363	1.14702
1.43029206	0.579095663	0.81676351	0.4835243	0.77733857	0.57634	0.80368	0.47817	0.88041
1.0893492	0.89202414	0.5927669	0.7534371	0.57827401	0.8936	0.59306	0.48336	0.87216
	0.33465568	1.16929949	0.29642226	1.17997054	0.6495	0.55565	0.34747	1.56934
	0.443216522	1.1020334	0.67869195	0.50499001	0.6472	0.76716	0.16929	2.06172
	0.01416742	5.8481419	0.00405923	6.10468311			0.41103	0.27293
1.14799239	0.569582114	0.89974138	0.44611491	0.88960686	0.59698	0.79536	0.37298	2.14097
1.11881266	0.396256234	1.0775144	0.58605428	0.72836859	0.63513	0.77641	0.30641	1.12475
1.35505498	0.442132305	1.02240372	0.76358688	0.52487758	0.49738	0.83673	0.3849	1.03265
1.13979098	0.001526768	1.81392554	0.00072632	2.54923176	0.1038	1.45115	0.05242	1.60995
0.75750634	0.207750296	1.53627298	0.13957959	1.62624631			0.59588	0.65592
0.92123344	0.162081925	1.28086081	0.226483	1.20562637	0.48331	0.92921	0.14544	1.50804
0.96665822	0.362983313	1.03236263	0.30848721	1.04479087	0.82299	0.743	0.32363	1.06433
1.49789044	0.591636067	0.99615387	0.53884643	0.85174179	0.56908	0.90051	0.40775	0.99624
2.24652311	0.451498735	1.02060999	0.99314106	0.41393519	0.35447	1.05221	0.05438	1.57536
1.13289443	0.884685887	0.61471968	0.64864512	0.70204632	0.90466	0.52201	0.69065	0.74013
0.89688354	0.895917291	0.653134	0.62139347	0.82838056	0.63827	0.85054	0.96433	0.40548

1.1358018	0.622324261	0.99371402	0.69905376	0.61870164	0.94123	0.60473	0.40915	0.99564
1.28541405	0.481696812	1.02149224	0.72430427	0.64683433	0.24138	1.222	0.79622	0.58778
1.15684156	0.431687129	1.09552568	0.60116506	0.66732495	0.4977	0.80939	0.37934	1.13133
	0.711554665	0.87961916	0.81448071	0.46921337	0.75518	0.60629	0.41216	0.95174
0.96287723	0.417386377	1.07719743	0.70838027	0.51792562	0.60251	0.73575	0.31411	1.14691
0.70164616	0.921420367	0.57290805	0.53721883	0.88458254	0.57072	0.90592	0.97782	0.39472
1.16889177	0.801896449	0.72292077	0.79962437	0.61897836	0.6876	0.77498	0.62101	0.80568
0.91541325	0.74314133	0.6911417	0.64325266	0.74271003	0.53111	0.87257	0.74599	0.63203
1.18852219	0.450128459	1.03427838	0.49543474	0.80199353	0.80821	0.64355	0.29404	1.11565
1.99993158	0.751752556	0.83508366	0.57377982	0.83180725	0.90889	0.64374	0.36175	1.13517
	0.677470856	0.45357766	0.53868043	0.71454491	0.51837	0.6821	0.6988	0.39436
0.86886017	0.951930754	0.639225	0.80259602	0.6825485	0.81244	0.72996	0.94904	0.49634
0.92796483	0.780977088	0.60502736	0.77512855	0.51790802	0.61444	0.74222	0.66578	0.6134
1.38215896	0.583437124	0.98391901	0.46513021	0.81171586	0.42206	0.9852	0.62811	0.58503
1.04819244	0.622980082	0.89025293	0.79145195	0.60876679	0.21132	1.50472	0.81942	0.50174
0.91913418	0.623574102	0.95366554	0.71561219	0.7301188	0.36493	1.05441	0.95539	0.44845
0.83537852	0.963526618	0.55721199	0.46797958	0.92897361	0.60146	0.8881	0.99523	0.36547
1.116796	0.551949518	0.97337604	0.77720431	0.56705729	0.79637	0.66602	0.27953	1.16958
1.0147863	0.580171775	0.99183041	0.58481698	0.67478304	0.32848	1.28691	0.40838	0.99072
1.19303536	0.567989052	0.77152261	0.50192863	0.75291898	0.56976	0.73187	0.48785	0.90906
	0.327881929	1.28488117			0.33154	1.47341	0.38894	1.19737
0.68652362	0.623995428	0.72572038	0.6230156	0.57621293	0.46325	0.88227	0.58776	0.63778
1.39105504	0.865977439	0.65235132	0.66207839	0.66991099	0.88458	0.64721	0.51446	0.8915
0.99285586	0.154499116	1.286702	0.56526765	0.80936573	0.21047	1.27641	0.16267	1.32623
	0.288822835	2.30056645					0.24658	2.30057
0.90078247	0.232511643	1.11784928	0.28222317	1.08332099	0.06591	1.71615	0.73478	0.73188
	0.326156458	1.29454332	0.64968899	0.60961737	0.53114	0.79499	0.22012	1.47103
1.83742374	0.002041327	2.31433496	0.01384493	2.57350944	0.15089	1.63095	0.00574	2.6913
	0.588053477	0.95909428	0.5428754	0.71289303	0.57487	0.75303	0.4205	0.9636
1.42890519	0.59743932	0.76925161	0.60487057	0.6865193	0.47402	0.89766	0.53066	0.77473
1.94260939	0.404558072	1.01749344	0.30710325	1.05601333	0.87526	0.69775	0.37795	1.02045
	0.285316476	1.1800495	0.41480025	0.9197461	0.32058	1.17465	0.09792	2.18428
0.77927403	0.979338229	0.58707679	0.86045436	0.65464498	0.652	0.8537	0.99447	0.38213
1.05618398	0.453491588	1.0030839	0.84879048	0.59248284	0.41265	1.00402	0.689	0.72909
	0.148478703	1.34576259	0.18801586	1.30198628	0.60763	0.7881	0.12487	1.64924
	0.160257113	1.47265678	0.20328609	1.50157285	0.3422	1.22469	0.15454	2.38255
0.91606681	0.729156736	0.75798273	0.52562446	0.839232	0.76818	0.7082	0.46634	0.93156
0.94092813	0.93038942	0.55541925	0.52592132	0.89488346	0.50594	0.94554	0.95809	0.54154
1.30417783	0.553013841	0.89496585	0.53430409	0.68238758	0.49563	0.90993	0.45711	0.90535
0.95467696	0.002563333	1.9169475	0.03010115	1.9556891	0.01659	2.09113	0.04028	1.75088
1.77706426	0.614830127	0.93129783	0.6623588	0.60052967			0.40732	0.94656
	0.419671523	1.0633413	0.47260405	0.85268989	0.66788	0.81014	0.29217	1.15205
1.32223515	0.695124098	0.95548762	0.81712099	0.6524096	0.43682	0.98689	0.93328	0.49366
0.84545809	0.854990816	0.82366612	0.42342931	0.95837827	0.86592	0.71178	0.86592	0.66715
0.85885419	0.622264726	0.95200984	0.52092481	0.89320869	0.29251	1.09271	0.97932	0.47463
1.24324568	0.520125731	0.99144476	0.57882528	0.82381407	0.86998	0.54583	0.15903	1.56741
1.26836543	0.88765813	0.65319488	0.858229	0.59706644	0.91141	0.51286	0.38988	1.20506
1.56039197	0.402951336	1.08676274	0.62529245	0.72083874	0.81483	0.66189	0.12466	1.46228
1.065609	0.433631563	1.00184459	0.45098037	0.86183843	0.41631	1.00171	0.32699	1.09278
1.14370644	0.479863719	1.00266917	0.09125948	1.34553283	0.42493	0.9943	0.34033	1.05025
1.18461236	0.6062388	0.97688044	0.65587466	0.75884576	0.62359	0.80857	0.421	0.98342
1.44593857	0.419170002	1.01461858	0.30852123	1.05714608	0.43126	0.98918	0.204	1.22683
	0.693546354	0.43394571	0.71239189	0.42856812			0.51851	0.66386
2.49740692	0.357090738	1.13522062	0.8979885	0.43348193	0.12643	1.42328	0.5535	0.82066
2.10116291	0.57898573	0.79990841	0.5718137	0.76499261	0.51697	0.90259	0.53818	0.79798
	0.595587121	0.97460522	0.44828896	0.88898418	0.60001	0.8186	0.41829	0.97875
0.84941335	0.452965949	1.08134635	0.63887836	0.55600723	0.37966	1.1593	0.5494	0.70929
0.99047972	0.645779971	0.52716443	0.65246795	0.51829719			0.54304	0.6021
	0.999832783	0.10657466					0.99998	0.10657
0.85076381	0.394867672	1.0007533	0.36459666	1.00075541	0.49033	0.84182	0.66505	0.66082
1.40853141	0.330923938	1.08195209	0.23928587	1.1141336	0.64137	0.825	0.56363	0.87319
0.67762696	0.383070511	1.00784637	0.35855398	1.00746737	0.22226	1.36919	0.72843	0.66451
1.12941195	0.36978286	1.04068056	0.33186543	1.04418308	0.83047	0.62289	0.22079	1.33844
0.82012448	0.799325825	0.80810377	0.43426024	0.94479906	0.71124	0.80511	0.85582	0.61629
1.02046951	0.443760903	1.08064478	0.492162	0.82995574	0.62214	0.75629	0.3549	1.17546
	0.569622356	0.44649391	0.5521839	0.5220569			0.55821	0.13162
0.92978897	0.396478885	1.00140498	0.36384995	1.00143748	0.52253	0.89365	0.82627	0.62414
1.43449781	0.588071543	0.97078475	0.4958904	0.89778598	0.95388	0.57026	0.32104	1.0678
1.08503092	0.801817944	0.50538277	0.53865765	0.77139516	0.61121	0.6475	0.82922	0.45039
	0.58458	0.86354757					0.41386	0.86355
0.81602797	0.946679905	0.59074712	0.68645523	0.71246181	0.62562	0.86682	0.98669	0.38472
	0.32683969	17.1660424					0.28824	17.166
	0.24688999	1.66065339	0.20194469	1.66065339				
0.9541106	0.46869747	1.12865549			0.32938	1.18628	0.64367	0.60342
0.78591922	0.01547878	1.66992367			0.05349	1.64467	0.0317	1.69147
1.02627376	0.202897717	1.42272938			0.06715	1.45648	0.29877	1.29876
1.26193766	0.555649144	0.83421646			0.60866	0.85	0.42143	0.67902
0.75050456	0.612524541	0.77397825	0.41458911	0.8000237	0.53066	0.64739	0.58163	0.72924
1.74430869	0.583548239	0.96407394	0.47718012	0.54142528			0.41542	0.96421
	0.682196397	0.83986452	0.87791356	0.23831716			0.41496	0.92818
0.78823686	0.425470346	1.02344835	0.3281739	1.0430136	0.45736	0.95308	0.8583	0.50855
0.87768748	0.681473502	0.73690887	0.67227924	0.71404175	0.57586	0.82978	0.62474	0.36066
1.07574791	0.463121754	1.01950863	0.40072225	0.95718737	0.71466	0.77908	0.16734	1.28038
0.61222081	0.021519469	2.33296006	0.04356457	2.35007198	0.15613	1.94551	0.07893	2.91853
1.09563681	0.872726588	0.67901468	0.54134908	0.84200289	0.936	0.56591	0.44888	0.93629
2.18660549	0.504228779	1.00385105	0.96239979	0.53005249	0.31607	1.12734	0.0584	2.16605
1.55904691	0.331218853	1.02094058	0.34698411	1.01533532	0.84921	0.69042	0.02903	1.66984
0.92415103	0.547091631	0.97316161			0.13892	1.30314	0.9683	0.50953
1.01213825	0.675834649	0.85698168	0.48578426	0.84109595	0.82084	0.68806	0.38259	1.15136
1.03767485	0.599782716	0.60222809	0.6034473	0.6017841			0.51024	0.63929
2.20165071	0.142595855	1.41268688	0.08769507	1.46216285	0.48032	0.95424	0.50239	0.92471
1.39472517	0.32960735	1.16505136	0.2166445	1.32086987	0.33483	1.27357	0.76186	0.5965

1.47492558	0.240919794	1.14699007	0.18491663	1.49320917	0.34779	1.09	0.3339	1.12424
	0.511564158	0.98312431			0.42208	0.98314	0.51184	0.56247
	0.336161136	1.80991048					0.29861	1.80991
1.3510021	0.52200561	0.92381161			0.47722	0.92806	0.48723	0.89377
0.65232769	0.703115175	0.82497588			0.20391	1.36897	0.97907	0.39268
0.62539753	0.302878376	1.08661786	0.30249859	1.07646725	0.24462	1.27961	0.69402	0.68341
0.98705488	0.632440437	0.65915383	0.55114677	0.73149855	0.59899	0.56114	0.59678	0.68021
1.64752113	0.000399912	2.03142313	0.00095801	2.61069862	0.10977	1.40082	0.00267	2.76043
0.76699409	0.4698337	1.00721974	0.32808878	1.0271726	0.53513	0.92583	0.96897	0.51472
1.23262966	0.360092686	1.07445605	0.60339489	0.82330418	0.52188	0.92843	0.29767	1.0908
1.25619099	0.409253004	1.07135691	0.79939913	0.63781698	0.16342	1.90372	0.3514	1.11007
	0.386287319	1.02994812	0.35317761	1.03039328			0.4166	0.50839
1.28923282	0.75761443	0.84554921	0.56688132	0.82954705	0.95509	0.57482	0.31351	1.15228
2.97374897	0.242222188	1.15743535	0.25254656	1.13388555	0.4563	0.9369	0.17529	1.71486
0.77012024	0.382256046	1.05851431	0.27818175	1.09475274	0.52861	0.90468	0.75924	0.65731
1.68405463	0.233103928	1.15940376	0.05989364	1.88039038	0.66166	0.71666	0.35313	1.07341
	0.998365015	0.20821157					0.99968	0.20821
0.91691919	0.923955291	0.62923462	0.75054101	0.72758548	0.53625	0.92116	0.94984	0.53426
2.08334909	0.315148846	1.04984836	0.32049253	1.0414618	0.07091	1.51724	0.89879	0.60256
1.2883206	0.258274684	1.05142889	0.33831557	1.02740243	0.0172	1.90165	0.78845	0.47393
1.00184584	0.534655859	0.75180312			0.59153	0.74538	0.50713	0.901
0.92363093	0.566157564	0.75706436			0.70034	0.75185	0.47683	0.86873
	0.568274101	0.66274204	0.56702949	0.66274204				
	0.564111656	0.44787278					0.56215	0.44787
	0.417953118	1.11744782	0.60457037	0.52430066			0.37302	1.14154
0.93553975	0.723655672	0.88233529	0.72554512	0.75954773	0.45544	0.97513	0.81752	0.61854
	0.127485249	2.92694528	0.08584254	2.92694528				
	0.256325524	1.19587322	0.26599839	1.15959131	0.5522	0.59835	0.25195	1.58216
0.81254209	0.348335344	1.05483401	0.26895897	1.09213723	0.86962	0.66522	0.26592	1.12625
	0.047638962	4.93058082	0.02342053	4.93058082				
1.47983132	0.602218176	0.773198			0.60137	0.76351	0.56994	0.78929
	0.415915916	1.46988149			0.20891	1.53304	0.46275	0.83452
1.20950779	3.98383E-08	3.50154909	0.00022359	3.1163997	5.5E-05	3.77563	0.00016	3.73094
2.38560114	0.498427698	1.00597281	0.74485047	0.65447752	0.7531	0.72605	0.31632	1.08766
0.5668258	0.652171229	0.9408904	0.46624341	0.80875125	0.42565	0.97307	0.91024	0.3364
1.03551129	0.804060071	0.69648108	0.71912861	0.67765516	0.71662	0.67774	0.70354	0.7269
0.99774681	0.219404711	1.14523276	0.4261833	0.9455165	0.16729	1.274	0.23715	1.16836
	0.373995576	1.0470889	0.34117366	1.0470889				
0.9512819	0.876093598	0.73177844	0.57097978	0.8246333	0.96259	0.53361	0.45037	0.95929
0.71478554	0.824593863	0.8385633	0.84237357	0.63999784	0.24819	1.1442	0.99921	0.2671
1.10283607	0.084193199	1.52549124	0.05969264	1.71090293	0.62041	0.75606	0.17159	1.49284
	0.517325498	0.56164741			0.43263	0.56106	0.48649	0.67348
0.82722266	0.455332055	1.1006947			0.25786	1.16701	0.77032	0.54265
0.71615821	0.527262781	0.78915967			0.42824	0.78683	0.49137	0.85839
2.00068537	0.599938162	0.91905053	0.86073073	0.57055476	0.65005	0.63664	0.24452	1.34971
0.93752488	0.262443919	1.33646597	0.50782825	0.84774723	0.17745	1.43927	0.62076	0.69685
0.81324298	0.021106473	1.52923337	0.052631	1.81607445	0.11354	1.40123	0.07565	1.51084
1.00727961	0.141662564	1.20429276	0.06004955	1.41869978	0.10331	1.3186	0.91207	0.61122
1.05581897	0.571971926	0.8054668			0.6962	0.8005	0.47165	0.88604
0.98126596	0.509757728	1.11382283			0.33352	1.11384	0.50246	0.79364
0.96050021	0.232000264	1.09696184	0.28092276	1.07249863	0.87779	0.70326	0.01747	1.79298
2.80901729	0.001482211	2.00874044	0.04028617	1.76196577	0.02643	1.92639	0.00678	2.51614
0.78147778	0.585064393	0.99775841	0.59745127	0.85171706	0.42069	0.99795	0.72508	0.78505
1.12640773	0.91954886	0.48980127	0.94920672	0.47572505	0.48635	0.92817	0.4749	0.65946
0.99153676	3.26325E-05	2.72017368	0.00053394	3.43081694	0.04294	1.9969	0.00101	2.80377
0.84497103	0.31983335	1.13055835	0.61464456	0.81755154	0.05625	1.50199	0.90842	0.5557
1.00100357	0.498816485	1.00768617	0.48195112	0.89424748	0.31821	1.11444	0.85374	0.55344
0.93153413	0.484497479	1.01682803			0.99486	0.46707	0.00326	2.27052
0.70605283	0.995114765	0.47348775			0.50263	0.94816	0.98307	0.47286
	0.119272402	2.15751328			0.17788	2.06784	0.14626	2.24685
0.58990105	0.601259207	0.87980863	0.58952109	0.71128444	0.44875	0.89528	0.43561	0.90405
0.52868423	0.861418997	0.65049334	0.77576923	0.68537747	0.84743	0.59166	0.46794	0.89066
1.24426326	0.593323403	0.9922001	0.57446436	0.76913365	0.58447	0.8194	0.40807	0.99256
1.35159965	0.735216772	0.82936053	0.42402102	0.92974438	0.76959	0.72908	0.6242	0.78938
3.71629739	0.324080612	1.06993496	0.12207382	1.30342198	0.83923	0.67477	0.37442	1.04899
1.66774476	0.29036175	1.49074031			0.23207	1.34208	0.15367	2.33416
	0.642369828	0.41835882					0.6535	0.41836
0.98433189	0.672874914	0.9142523	0.73362271	0.68201536	0.94628	0.56932	0.25353	1.16295
	0.553322871	0.88456589					0.45051	0.88457
1.16749482	0.451724709	1.01615879	0.61743853	0.76803761	0.69012	0.79	0.37861	1.02946
1.36203475	0.958770284	0.57710423	0.41729799	0.6926338	0.98221	0.50813	0.63966	0.82151
1.28543155	0.429982521	1.00029312	0.38432295	0.76128817	0.94722	0.44645	0.40367	1.0003
2.56388704	0.460002906	1.00853094	0.61004645	0.74727641	0.80767	0.65323	0.39436	1.01537
1.40437686	0.751506902	0.83812904	0.95129704	0.46571506	0.78265	0.6693	0.28477	1.19498
	0.199582722	1.99525573	0.1536743	1.99525573				
1.17631657	0.366446644	1.04317288	0.28174477	1.06938933	0.95295	0.61223	0.11796	1.31237
	0.564928234	0.84902256					0.43689	0.84902
	0.624655948	0.66202181			0.54184	0.72972	0.60209	0.64121
0.95339224	0.554001396	0.9515952			0.40816	1.10186	0.71094	0.73436
	0.364178294	1.01155077			0.37949	1.07777	0.39684	1.01303
0.73468869	0.506846965	1.10062014			0.31525	1.10102	0.46428	0.38162
0.87894198	0.976878366	0.4771578	0.52863568	0.89408967	0.5452	0.9226	0.99504	0.38478
1.19880952	0.595811934	0.99399559	0.69006676	0.61628651	0.58855	0.70858	0.40674	0.99436
	0.557244292	0.9840055	0.80244949	0.52084238	0.43289	0.9777	0.36804	1.09691
0.9516914	0.413135928	1.05636614	0.45543143	0.89075612	0.3477	1.08097	0.59831	0.82762
1.20542327	0.496360027	1.01260289	0.74898645	0.63278945	0.3275	1.15755	0.62208	0.65592
2.16133048	0.047515251	1.41855812	0.0908341	1.40752836	0.64434	0.86208	0.01665	1.90635
0.32023748	0.435360602	1.08491144			0.39541	1.0625	0.35787	1.20662
1.30719549	0.619396251	0.93542404	0.72932132	0.68902894	0.92523	0.59503	0.17104	1.30048
1.22331614	0.460199947	1.02398448	0.4347448	0.94846924	0.85734	0.72066	0.13266	1.28537
	0.38969253	1.0152924	0.35904407	1.0152924				
	0.53931971	0.6972957	0.47651956	0.76768871			0.45875	0.16574
1.66390518	0.226903916	1.13692313	0.12014605	1.57871578	0.37451	1.05721	0.31191	1.16199
	0.098222815	2.97617452	0.06098394	2.97617452				
0.72817097	0.502621707	1.01568448			0.40076	1.02978	0.80826	0.46475
	0.421001569	1.63472606					0.39499	1.63473
1.14350175	0.001845767	1.9129993			4.7E-05	3.22418	0.19059	1.26346
1.77663504	0.010667884	1.83436161	0.00093764	2.54677785	0.63747	0.86701	0.05555	2.46498
1.30245125	0.449233449	1.00417838	0.80991348	0.54760082	0.41299	1.00505	0.44624	0.94807
0.58210485	0.376552086	0.82621617	0.32357894	4.57944744			0.56185	0.14688
2.46739566	0.455402192	1.02087344	0.68804524	0.65984954	0.68052	0.6163	0.38219	1.03922
0.8123288	0.369794961	1.07286409	0.29256665	1.09864113	0.56109	0.8382	0.65248	0.7347
	0.361158864	1.06362441	0.32199349	1.0739974	0.43833	0.95027	0.29105	1.496
1.24946164	0.698702122	0.89014541			0.74027	0.71179	0.42876	0.95012
0.83007758	0.544840636	0.66058197					0.53954	0.66058
2.71517683	2.3962E-05	3.72989595	0.00601758	4.66026062	0.00211	3.80766	0.00156	3.32861

1.48318948	2.12503E-05	2.53512145	0.00200107	2.62105275	0.00384	2.31639	0.00224	2.73727
0.62231842	0.58097801	0.85807114	0.42910632	0.87210258			0.44722	0.68298
1.08958672	0.1533846	1.32270961	0.43951791	0.90608884	0.07573	1.68053	0.2907	1.19771
1.45750469	0.176846703	1.27324535	0.23892972	1.2073532	0.62309	0.73855	0.12743	1.57841
	0.307589982	1.17875759	0.2561485	1.19191317	0.52803	0.7229	0.55571	0.78036
0.8886956	0.444352828	1.05286602			0.07547	1.36451	0.97201	0.49275
1.46240334	0.250747706	1.67285281			0.05359	2.02974	0.62101	0.76088
1.77980488	0.053452725	1.32000324	0.17054286	1.18343406	0.55077	0.9194	0.01405	1.81079
2.15557928	0.29176852	1.18736915	0.6277601	0.78554743	0.7177	0.77387	0.06707	1.66738
1.63715395	0.799394262	0.77733473	0.44317469	0.93187037	0.85045	0.72097	0.49181	0.93
1.95052048	0.627915716	0.98299433	0.78614683	0.67369862	0.42799	0.98933	0.41283	0.98053
	0.98633571	0.25872071	0.99466715	0.25872071				
	0.022970905	6.84703357	0.00885043	6.84703357				
	0.242597488	1.61050131	0.1974662	1.61050131				
	0.275848391	1.49217014	0.23260691	1.49217014				
	0.586547149	0.91745457					0.41156	0.91745
0.74109772	0.032149262	1.43514338	0.02442304	1.7264557	0.18268	1.49555	0.16412	1.25111
0.76494168	0.428180277	1.10103183	0.66903165	0.71871034	0.48686	0.91835	0.28498	1.30439
0.76349704	0.433726403	1.01537544	0.44362811	0.90942907	0.85666	0.76413	0.38753	1.01948
0.94185587	0.559544563	0.98335087	0.73472843	0.6933031	0.87833	0.63312	0.36035	1.0461
0.64352257	0.364154405	1.05130786			0.47465	0.88588	0.37502	1.05259
1.16480757	0.972449738	0.44270497			0.99915	0.37317	0.74718	0.7073
	0.608313606	0.63644155	0.61388533	0.63644155				
1.61007699	0.392098454	1.08877521	0.80740229	0.67065814	0.69777	0.74463	0.08284	1.56867
	0.387559889	1.02778013	0.35171225	1.02889813	0.45502	0.90251	0.46151	0.75481
0.87122936	0.589198674	0.79145697	0.5215754	0.68340065	0.49306	0.90517	0.58964	0.7905
1.5664433	0.327006153	1.72893083			0.46032	0.84573	0.22801	2.81338
	0.33859846	2.1436023					0.30132	2.1436
1.26208521	0.128822729	1.86622479	0.42008383	0.8687841			0.02376	3.34688
1.04026186	0.276803202	1.15024223	0.25616043	1.14173859	0.54244	0.91604	0.25886	1.8744
	0.329826352	1.63523384					0.29156	1.63523
1.12097389	0.326459179	1.27170245	0.52007333	0.85998229	0.60779	0.82988	0.16638	1.72436
1.21797941	0.444671491	1.05849381	0.59842082	0.80539401	0.47545	0.94666	0.36752	1.11754
	0.878547846	0.49631313	0.79913629	0.51111523	0.49881	0.54681	0.85105	0.48546
0.81182676	0.370520133	1.16461393	0.46878278	0.83624261	0.3284	1.17828	0.48281	0.8495
0.80019125	0.467941378	1.03411974	0.43371031	0.85769351	0.87091	0.54908	0.18342	1.33828
0.74383994	0.907871601	0.69744694	0.61460834	0.81398509	0.79057	0.75637	0.9111	0.61108
1.12228193	0.46498463	1.02958608	0.46480903	0.82870891	0.97457	0.54893	0.0164	1.91184
	0.381898618	1.36202107					0.35016	1.36202
1.24099383	0.07732904	1.62934418	0.0780458	1.94113585	0.16784	1.43272	0.30862	2.21358
	0.02156184	2.36181639	0.06946259	2.50677804	0.09423	2.06694	0.08056	2.73208
	0.459989342	1.08166399	0.8291549	0.18711682	0.4598	0.93279	0.19148	2.18421
0.92397312	0.439621738	1.06578576	0.66965786	0.50877871	0.56493	0.85889	0.35257	1.13159
	0.134961899	1.89454176					0.09248	1.89454
0.86089367	0.343381122	1.21925318	0.43215176	0.61819848	0.71771	0.57425	0.19869	1.44465
	0.426294023	1.03136471	0.60874513	0.6461565	0.6532	0.60023	0.37757	1.0395
1.20375935	0.795703264	0.77439627	0.5662253	0.69340582	0.99439	0.35142	0.15023	1.46672
1.54930055	0.003457013	2.21106948	0.00332971	3.85402373	0.32868	1.3917	0.01699	1.92996
0.99880843	0.792912811	0.58468376	0.64710941	0.58361541	0.88842	0.38654	0.39864	1.32531
	0.288211596	1.94943567					0.24592	1.94944
	0.488012232	1.07888084			0.37463	1.06459	0.27507	2.57066
	0.401340157	2.68843484					0.37237	2.68843
	0.546644464	0.9049465			0.69963	0.60676	0.30212	2.01358
	0.331019603	1.35514411			0.36488	1.13252	0.06999	3.20252
	0.420313061	1.29531319					0.3942	1.29531
1.01037249	0.335531472	1.17688694	0.5850164	0.65097702	0.87652	0.53527	0.06522	1.77667
1.83261315	0.0392844	1.95553491	0.5239973	0.81366506	0.13049	1.54917	0.01811	3.30462
	0.390840895	1.47181803					0.36036	1.47182
0.67033439	0.749405166	0.81466883	0.70456297	0.75808773	0.6508	0.85463	0.65783	0.81027
0.67475002	0.394470249	1.08336549	0.44821896	0.89755341	0.18427	1.28522	0.77174	0.70197
1.56092698	0.027183878	1.4433136	0.1092819	1.53113151	0.13718	1.2809	0.03829	1.70476
1.56188205	0.187228638	1.14464909	0.27715723	1.09226606	0.64682	0.84401	0.06928	1.50045
2.35656358	0.003157228	2.00863828	0.02915352	2.56874827	0.02888	1.81868	0.02869	2.01115
0.80695018	0.292651258	1.19934316	0.40712543	0.53383424	0.16449	1.34831	0.6418	0.80685
	0.345641969	1.46696744	0.89320425	0.23527279			0.03918	6.08029
1.62563474	0.127536193	1.36150572	0.20878254	1.31414437	0.13178	1.40737	0.51501	0.88797
1.87934411	0.117470605	2.16955119			0.51945	0.76367	0.15065	2.21382
	0.428705199	1.01146286	0.52637659	0.76172469	0.63652	0.81684	0.39235	1.01292
	0.93431368	0.37511866			0.62312	0.24552	0.8869	0.38022
	0.136769804	2.06499042			0.64213	0.37542	0.13262	2.38255
0.69429439	0.807789877	0.77999993	0.46020534	0.93500445	0.84991	0.73291	0.57983	0.879
0.99742431	0.685175189	0.89980718	0.50666174	0.8229345	0.99365	0.43891	0.10908	1.36399
	0.171036532	2.03982857	0.05724533	3.44014482			0.42949	0.83362
	0.391520134	1.39215731	0.47593939	0.76892763			0.35307	1.4323
1.19260171	0.394670489	1.08482496	0.37579628	0.68199385	0.69636	0.69777	0.26443	1.17457
1.55022057	0.401031823	1.02301802	0.33727813	1.03114857	0.95933	0.57659	0.06252	1.6961
0.59535942	0.464191893	1.00739405	0.38784044	0.95896125	0.56249	0.78714	0.39542	1.01531
	0.110061177	1.5893971			0.61229	0.71337	0.09781	1.78065
0.73553136	0.415838086	1.0885676			0.68221	0.72046	0.28554	1.27281
0.89900127	0.690037323	0.83101517	0.57418254	0.62950704	0.70932	0.80844	0.46528	0.93862
0.94073805	1.7881E-06	4.10815107	0.00140699	5.24654687	0.00025	3.82122	0.00129	3.86228
0.75480769	0.582284126	0.92482804	0.40789442	0.88873662	0.74555	0.58353	0.30369	1.45659
0.96618183	0.267465369	1.10134448	0.31550119	1.0757325	0.78316	0.72259	0.09472	1.44156
0.63266618	0.960502224	0.62531956	0.61445046	0.82330687	0.96553	0.55095	0.85006	0.67713
0.69413988	0.437973227	1.02968807	0.70272272	0.7099098	0.36883	1.04741	0.50288	0.62855
0.89902916	0.462734587	1.03064529	0.59232394	0.77987794	0.60558	0.78071	0.39638	1.06021
1.33150559	0.121531388	1.67227214	0.58485638	0.71713545	0.58801	0.66656	0.05772	1.83657
1.03098283	0.305666909	1.23581901	0.40792807	0.57194635	0.53506	0.85083	0.24322	1.27262
0.73284403	0.77719971	0.70517884	0.47443088	0.7512644	0.49242	0.9491	0.80666	0.70012
0.77696698	0.504958802	1.00298154	0.60112197	0.56207879	0.36226	1.06356	0.80507	0.6617
0.82345249	0.90297687	0.62771455	0.50558632	0.77988315	0.87554	0.61658	0.8276	0.64185
0.89984571	0.986807491	0.44530819	0.89592672	0.53074758	0.52331	0.9028	0.9902	0.37988
0.91950253	0.468943588	1.00577427	0.59540401	0.77277354	0.88951	0.60281	0.39208	1.01289
0.76355942	0.483761275	1.00985276	0.25468914	1.09123337	0.55106	0.91716	0.92798	0.59687
1.00370033	0.208421722	1.364433	0.65297984	0.69858124	0.78354	0.58315	0.03519	2.01027
0.62899639	0.851077258	0.76298832	0.64213907	0.82190288	0.80667	0.75464	0.77116	0.74492
0.72675632	0.761895404	0.83688528	0.4988822	0.87783704	0.8389	0.7394	0.45262	0.9622
0.54777533	0.443290684	1.04821231	0.51223625	0.61870164	0.84849	0.63791	0.18448	1.28587
0.67255628	0.910208885	0.70297671	0.46088027	0.92182453	0.80858	0.75685	0.91712	0.60933

1.10442932	0.478132738	1.014767	0.69699245	0.71402501	0.32009	1.07983	0.74959	0.72564
1.40858025	7.44286E-05	3.52356761	0.00827061	9.4305484	0.00328	2.95764	0.00208	3.50813
	0.379379641	1.09646674	0.8894488	0.5498392	0.90289	0.57887	0.00601	2.38465
1.08481728	0.46979259	1.02640595	0.39778721	0.93710861	0.42339	0.84744	0.1942	1.50302
0.79496911	0.405347753	1.02996765	0.34983597	1.03725589	0.42243	0.73822	0.72576	0.55675
	0.373575178	1.21760904	0.73595873	0.5711533	0.46399	0.89773	0.14338	1.99546
1.87177236	0.364011622	1.08978211	0.71737167	0.66289784			0.26731	1.13434
1.10084515	0.309926729	1.12920614	0.50394836	0.88066771	0.42379	0.79948	0.25574	1.14093
0.71647697	0.603481885	0.97461562	0.66760866	0.80083172	0.44028	0.98565	0.6376	0.79076
0.63866214	0.975808744	0.60121074	0.74336779	0.75148325	0.99077	0.49497	0.66894	0.79505
1.59018395	0.158452222	1.45215812	0.61209	0.69947817	0.61209	0.7878	0.06255	1.69648
1.37767322	0.024661316	1.60205282	0.14147503	1.36606032	0.03119	1.90514	0.11591	1.7716
0.95015235	0.218653696	1.27153096	0.68305969	0.65328794	0.65447	0.79191	0.07161	1.54697
1.03510103	0.395726488	1.05042417			0.65077	0.2067	0.39658	1.05468
0.81721185	0.955456146	0.47133092	0.51531148	0.72565583	0.97446	0.46799	0.41471	0.59614
0.80706161	0.476799061	1.02893469	0.70216501	0.32164124	0.81843	0.5892	0.23903	1.26119
	0.23552978	1.98170371					0.19013	1.9817
2.50690155	0.271523623	1.10941787	0.19289861	1.17222805	0.99356	0.48319	0.00202	2.47383
	0.317632973	1.27280697	0.54061917	0.7065121	0.32655	1.35891	0.33773	1.24243
	0.491035988	1.03313516	0.61021639	0.65042454	0.64327	0.73862	0.2668	1.69524
	0.456817839	1.07654693	0.81294221	0.4377722	0.45171	0.91733	0.11912	2.57063
1.83166046	0.111861449	1.26594165	0.20816274	1.29446208	0.32168	1.10148	0.0338	2.19687
1.22745504	0.565177199	0.92075585	0.76423389	0.37556362	0.81843	0.4513	0.17962	1.94832
1.33236272	0.339645402	1.17874646	0.67141619	0.65823423	0.48737	0.93029	0.2354	1.27926
1.03565688	0.334159951	1.32660792	0.63523221	0.54142528	0.25159	2.22762	0.34303	1.28709
1.32526251	0.350003803	1.01542534	0.29680267	1.09939495	0.40856	1.00748	0.02879	2.0156
0.89894689	0.378674711	1.12579786			0.76902	0.48342	0.25892	1.31583
1.25626832	0.193737547	1.30180509			0.88012	0.56972	0.02135	2.06059
	0.059789314	2.08919278			0.51231	0.7969	0.09292	2.10094
0.86469451	0.745318398	0.74281872	0.60524579	0.77160403	0.68275	0.76178	0.69535	0.70233
	0.992072934	0.35634262					0.9974	0.35634
0.5638504	0.43715265	1.01664924	0.66008797	0.73366487	0.39664	1.02014	0.52022	0.80891
0.95046676	0.273322043	1.20396207	0.66132041	0.70582091	0.72614	0.77037	0.05504	1.69729
	0.341586453	1.20033827	0.65614827	0.59374431	0.47409	0.9146	0.24504	1.30537
0.77875263	0.327213133	1.20206539			0.43204	0.64266	0.33072	1.22693
	0.340444005	2.22495377					0.30338	2.22495
	0.065474865	2.10776763			0.17416	1.56022	0.01985	3.33036
	0.516747932	0.9815217	0.68617537	0.43593214			0.34254	1.84378
1.23974743	0.369095747	1.10394722	0.52009579	0.85181814	0.6946	0.8197	0.18001	1.30578
	0.297896821	2.041818					0.25643	2.04182
	0.314753058	4.79241548					0.27489	4.79242
1.24006093	0.509550356	1.00055791	0.79308406	0.5420016	0.84537	0.6017	0.34679	1.05028
	0.273384276	2.04507455					0.22997	2.04507
1.27355661	0.204362338	1.44201509	0.92304994	0.09414949	0.45802	0.93089	0.04578	2.13539
	0.576807568	0.74674318					0.42297	0.74674
1.24093899	0.496760169	1.00365628	0.76270041	0.69422773	0.3788	1.02806	0.73959	0.76665
0.60533095	0.733288141	0.7672173	0.7528056	0.70503684	0.48733	0.94882	0.61394	0.8393
	0.474463919	1.06990406	0.82250733	0.38118254	0.52465	0.725	0.19775	1.96234
1.02693207	0.044960641	1.54239259	0.23545407	1.2976273	0.06	1.55075	0.0602	3.52986
1.19702207	0.486828715	1.01297248	0.90513989	0.5238906	0.49146	0.9381	0.27585	1.1226
	0.583056248	0.98973973	0.65456046	0.54256448	0.42136	0.99043	0.47265	0.90642
0.57636133	0.954544836	0.62289425	0.51162147	0.88695274	0.96247	0.59805	0.79847	0.68527
0.83761015	0.659882077	0.91663604	0.76077071	0.45405506	0.9576	0.52877	0.24583	1.17268
1.48114168	0.353708629	1.00733829	0.36236902	1.00547341	0.1463	1.40938	0.03868	1.96949
	0.328386443	2.30873758					0.28996	2.30874
	0.439881813	1.25144594	0.46107934	0.80280194			0.38536	1.4244
	0.794910341	0.62690401	0.62925431	0.611141	0.87117	0.52419	0.30803	2.08236
0.93555445	0.682920354	0.60372008	0.73456923	0.43582242	0.50962	0.71984	0.46005	0.86865
1.07133724	0.378575786	1.06482054	0.63403359	0.73995922	0.163	1.29513	0.43052	0.9648
0.7738321	1.20435E-05	2.42709729	0.00017104	3.75572959	0.02025	1.64609	0.00013	3.83418
0.67712645	0.483910731	1.00705985	0.64632132	0.76173557	0.38338	1.02731	0.76893	0.7451
0.5897901	0.15779706	2.08920546			0.47238	0.60756	0.19069	2.12661
	0.363269734	1.10934961	0.32687758	1.11119463			0.47285	0.79833
	0.036887971	2.11869398	0.51082047	0.81965979	0.62523	0.79767	0.0041	2.93663
1.00858612	0.393433065	1.08873034	0.64630145	0.68700345	0.8054	0.65492	0.14941	1.35364
1.03913948	0.810849487	0.68844334	0.80717818	0.61757473	0.5357	0.86688	0.71339	0.74121
0.65033547	0.331461018	1.10520621	0.42302536	0.91694002	0.34907	1.09422	0.24084	1.33401
1.03710511	0.256539041	1.35538929	0.71662652	0.29328015	0.59797	0.78514	0.13469	1.59227
1.97151592	0.351160559	1.05202334	0.65134967	0.37475348	0.40352	1.02668	0.10032	1.95445
1.43195473	0.287099397	1.18420091	0.44038288	0.79265199	0.65983	0.77265	0.16707	1.29756
0.87618464	0.288813566	1.04172972	0.35107198	1.0235636	0.55804	0.90155	0.03874	1.77833
	0.215177604	1.27797795	0.44220089	0.78966764	0.24708	1.23489	0.22022	1.44825
0.84339304	0.912741272	0.68266649	0.79167517	0.60892654	0.86655	0.67869	0.77951	0.72582
	0.211145639	2.13894277					0.16524	2.13894
0.64468712	0.633438114	0.83179859	0.63494244	0.57541538	0.73089	0.66934	0.34959	1.41726
	0.35458208	1.19741857	0.73207738	0.40092648	0.63785	0.74268	0.17658	1.51878
1.5993918	0.002267326	1.87441022	0.03371573	1.95013978	0.02914	1.65748	0.01368	2.2964
	0.343679749	1.08080912	0.45969527	0.82914086	0.36085	1.07581	0.35403	1.09208
	0.999986337	0.00989212	0.99999948	0.00989212				
3.82853021	0.41177371	1.10255074	0.77026338	0.62943761	0.17665	1.47486	0.5659	0.83187
0.99218394	0.438634337	1.05591491	0.62061735	0.52034907	0.91001	0.60393	0.05542	1.74867
	0.264678378	3.53540605					0.22069	3.53541
	0.377723911	1.43961994					0.34541	1.43962
	0.380918092	1.39551111					0.34904	1.39551
0.3451082	0.050947152	2.25618615			0.06758	1.82518	0.01577	3.56733
	0.285563156	1.37696543			0.6718	0.55503	0.20341	1.71389
1.14350896	0.257166698	1.10684093	0.44590055	0.89639913	0.29407	1.09566	0.25985	1.13755
0.93889201	0.380849946	1.02021835	0.31495396	1.11097224	0.40432	1.01296	0.22852	2.06457
	0.499841016	1.02424417	0.82463487	0.38014286			0.17078	2.60087
1.75402214	0.166902878	1.38494162	0.60516405	0.7320527	0.77417	0.66432	0.02487	1.94585
	0.293827352	1.19478889	0.6018951	0.75900852	0.62493	0.83044	0.15196	1.37797
	0.421663962	1.10109925	0.7154357	0.46788908	0.4945	0.85697	0.33101	1.18016
1.48935241	0.26070857	1.2572876	0.51786063	0.59631774	0.65208	0.80317	0.12326	1.48665
	0.393660845	1.9969852					0.36358	1.99699
	0.403167719	1.16104737					0.37447	1.16105
0.55947429	0.390619477	1.0115237	0.36493809	1.01073366	0.63939	0.62263	0.3044	1.45439
1.07707184	0.053102587	1.96355708	0.06265676	2.42529971	0.12149	1.70755	0.31735	2.13609
	0.569600706	0.42434981					0.43142	0.42435
0.7681593	0.598364645	0.75582909	0.49079909	0.85768584	0.56613	0.80476	0.5867	0.64353
0.87046355	0.914719687	0.69812802	0.94218016	0.46119338	0.91422	0.53006	0.40866	0.93086
1.14713254	0.820568648	0.49288967	0.57929794	0.67330917	0.85089	0.4615	0.54368	0.71392
0.49230754	0.999999928	0.03812423	0.99999721	0.04559354	0.99129	0.03184	0.99965	0.02712
0.69030234	0.614639649	0.97609942	0.39005172	0.95896125	0.42461	0.98269	0.53609	0.50428
1.31035965	0.105368836	1.87087441	0.14513207	2.68626132	0.04135	2.77558	0.64723	0.74811

	0.437373883	1.037118	0.52575986	0.70648568	0.58582	0.76104	0.40103	1.04332
	0.272629595	1.04843201	0.00532504	4.88337182	0.03548	2.66181	0.3935	1.0176
	0.525466054	0.59539919					0.4832	0.5954
1.73742255	0.556297321	0.99886928	0.05631727	1.92115539	0.41986	0.99828	0.07712	1.61002
	0.403312905	1.59214764					0.37464	1.59215
0.83875343	0.857200669	0.68163645	0.70514955	0.72978465	0.53127	0.92263	0.87533	0.63035
	0.583060892	0.94238716	0.57170057	0.59983868			0.42222	0.94657
1.34584009	0.541689016	0.75859058			0.45165	0.78609	0.54102	0.63927
1.20097519	0.275512481	1.22903329	0.1235276	1.47272914	0.70714	0.64982	0.45054	0.91667
	0.502891728	1.00363505	0.98373782	0.12924819	0.40135	1.04527	0.38654	1.08798
0.84292628	0.667684614	0.9661807	0.37400437	0.97647509	0.83934	0.55665	0.40999	0.91053
0.76161815	0.920522494	0.64515787	0.65507821	0.7832579	0.79853	0.73039	0.94207	0.44986
1.37813885	0.445089349	1.03626306	0.2389652	1.21440657	0.7016	0.74381	0.43633	0.95699
1.06314628	0.821051291	0.55737299	0.49516888	0.78514174	0.86339	0.50918	0.5469	0.8539
0.9704882	0.769368172	0.64119713	0.73017873	0.57131224	0.71785	0.67881	0.46754	0.74888
2.97410486	0.238106432	1.14621982	0.20870168	1.35975488	0.38119	1.08434	0.30548	1.12206
0.86495788	0.417950561	1.02942135	0.88790897	0.63217762	0.28386	1.1209	0.34809	1.05253
	0.529533952	0.31666614					0.52157	0.31667
	0.428092071	1.02116275	0.47838531	0.76494355			0.4028	1.02125
1.07454988	0.414960472	1.07583652			0.65148	0.58586	0.37515	1.12261
	0.510916096	1.00010075	0.96534023	0.15512351	0.66743	0.69571	0.36016	1.05754
1.0213596	0.748776491	0.73915351	0.46009123	0.85216984	0.82488	0.58455	0.45496	0.93451
0.88144475	0.680618643	0.95938341	0.45184557	0.91972539	0.93406	0.54249	0.41624	0.98274
1.1744321	0.211197225	1.11927373	0.04062942	2.10457105	0.36168	1.0566	0.34921	1.07634
	0.53293528	0.99023109	0.97223392	0.19420856			0.38863	1.045
2.28541085	0.070521115	1.28321331	0.000654	4.13787874	0.32521	1.08913	0.25165	1.17979
	0.157584533	2.05636812	0.11316645	2.05636812				
	0.586496504	0.97775605					0.41162	0.97776
1.30984296	0.414252425	1.14404057	0.6851519	0.43697945	0.58985	0.56308	0.31275	1.27483
0.77215576	0.403297258	1.15916823	0.49900318	0.70922307	0.64086	0.51344	0.33603	1.22388
1.01293373	0.481260665	1.02185868	0.53964819	0.77276912	0.84469	0.6299	0.22021	1.25513
	0.706404865	0.85358744	0.59776671	0.71821903	0.97915	0.48094	0.07754	1.76727
0.78276981	0.889146698	0.36080855	0.62701295	0.6336896	0.54504	0.56442	0.92519	0.28815
0.72111423	0.684070774	0.59857	0.45392364	0.77473207	0.71188	0.47801	0.55171	0.78305
1.0293134	0.454916208	1.03282026	0.87826987	0.61397542	0.73042	0.77218	0.09335	1.40799
1.00017809	0.982759898	0.64720634	0.99250168	0.39225941	0.9996	0.33466	0.23282	1.2041
1.54790158	0.246153195	1.28691711	0.18273649	1.32131382	0.51416	0.82634	0.59129	0.70526
0.71576071	0.856569137	0.79512478	0.43301934	0.95270817	0.70269	0.82804	0.93787	0.58127
	0.942480752	0.58349902	0.70516505	0.63276121	0.96145	0.54097	0.61779	0.79323
1.29106159	0.860970918	0.60441028	0.59280734	0.74244259	0.85957	0.57041	0.72536	0.63498
	0.477163211	1.01574608	0.3333665	1.07324026	0.80576	0.52179	0.72559	0.65261
0.7537227	0.19820646	1.78602775	0.08141425	2.32502868	0.52779	0.65555	0.7851	0.27286
0.73581858	0.546352735	0.7045868	0.53781773	0.7029906			0.48331	0.71225
	0.999307072	0.19590142					0.9999	0.1959
0.84309564	0.944054504	0.65970534	0.70598984	0.75527373	0.78567	0.75767	0.95859	0.53087
1.06733496	0.400088279	1.09137891	0.50610177	0.80937175	0.75395	0.71843	0.19777	1.31058
0.99792282	0.81787357	0.47702756	0.69390541	0.44334367	0.8321	0.40811	0.55379	0.80676
1.7804647	0.768141203	0.66042201	0.78449918	0.57441402	0.52502	0.83554	0.64549	0.75859
1.03515765	0.488561712	1.0071621	0.54601887	0.8426011	0.82784	0.71822	0.35008	1.04463
0.75133859	0.415460655	1.01666012	0.35388329	1.02226045	0.71096	0.6147	0.73369	0.64903
0.70210637	0.393287259	1.02736634	0.31829684	1.04578565	0.36107	1.04998	0.94642	0.42584
0.91901909	0.319579671	1.06860453	0.28731485	1.09051584	0.73702	0.64047	0.3396	1.07463
0.86550703	0.528750364	0.99647201	0.75798577	0.64339287	0.93586	0.54764	0.38506	1.02058
0.81469031	0.884736419	0.60668004	0.6005074	0.71655931	0.80825	0.62311	0.85151	0.57552
2.12278928	0.711848753	0.88194272	0.39709105	0.94528892	0.77328	0.55618	0.78057	0.51883
0.95939724	0.34671019	1.02898488	0.34696127	1.02671846	0.49255	0.91821	0.3793	1.03564
1.05115771	0.403937003	1.069919	0.55130785	0.75583787	0.69183	0.73931	0.29287	1.13269
0.65398812	0.383070051	1.1984471	0.4853403	0.7793996	0.54372	0.78837	0.33753	1.22693
0.87692683	0.432234073	1.00161606	0.58827543	0.75393721	0.78967	0.71081	0.40237	1.00172
1.17775281	0.494407365	1.01412007	0.61371914	0.69887088	0.31463	1.17057	0.76321	0.61998
0.83384284	0.568862288	0.97547244	0.68380166	0.70903982	0.34261	1.06656	0.90021	0.58365
	0.280732584	1.21032049	0.79227762	0.357976	0.37898	1.09838	0.07496	2.4643
0.56385639	0.588583851	0.9900481	0.54314048	0.70629295	0.57577	0.66594	0.41124	0.99027
1.33127871	0.222647769	1.20153959	0.07828318	1.67184874	0.71764	0.7936	0.25894	1.20807
	0.345974871	1.76730486					0.30957	1.7673
1.18743643	0.66305925	0.73859514	0.63230303	0.66885923	0.60661	0.74349	0.57628	0.80314
0.88513662	0.906609679	0.50855573	0.89657989	0.46190396	0.83293	0.48345	0.47623	0.92467
1.0908361	0.88709476	0.54569155	0.54392302	0.6461565	0.92521	0.50295	0.55652	0.85148
0.52270994	0.421377806	1.13451695	0.62659149	0.66451553	0.31577	1.28691	0.59319	0.57155
1.17443315	0.999988996	0.37729976	0.99839795	0.35193061	0.99933	0.36327	0.99107	0.42595
0.874074	0.421430776	1.07211643	0.52403396	0.80771118	0.76859	0.62328	0.26585	1.1979
1.46687186	0.598471758	0.94769166	0.56282382	0.77692353	0.63126	0.71511	0.43055	0.96334
1.32677257	0.70477508	0.82970497	0.42823684	0.93382863	0.78672	0.64109	0.52181	0.8269
1.41467343	0.922322545	0.34831682	0.77497717	0.37792559	0.92703	0.33603	0.49429	0.89173
0.85841648	0.965150348	0.58671236	0.78382526	0.63022574	0.9795	0.48645	0.69596	0.78467
0.68552037	0.865842386	0.48872715	0.86741598	0.48278142	0.57559	0.55178	0.71521	0.50058
	0.37861785	1.17195895	0.45087792	0.8903816	0.48083	0.64725	0.3092	1.24804
	0.257767554	3.78411617					0.21337	3.78412
	0.319090409	1.50605043	0.64945566	0.64797503	0.47595	0.85127	0.12842	2.93397
0.68385179	0.54487356	0.67824432	0.53818772	0.65243298			0.48731	0.77198
0.92921798	0.554721297	0.94682572	0.81520268	0.46404698	0.34439	1.22386	0.53928	0.81618
0.96271328	0.416351066	1.03102631	0.20047668	1.32666235	0.903	0.54504	0.36713	1.04118
1.01533295	0.618591841	0.96831922	0.95348663	0.50814834	0.41919	0.97787	0.18739	1.32137
	0.428429839	1.01601951	0.43148719	0.85251629	0.41137	1.01485	0.39226	1.15103
0.904814	0.756768137	0.73021094	0.3706464	0.77615587	0.75816	0.69044	0.58017	0.81046
0.84146628	0.638220188	0.9400278	0.38065991	0.67992494	0.9525	0.59722	0.2633	1.12961
0.88488196	0.366028557	1.04724341	0.93039717	0.60955159	0.15475	1.22514	0.32189	1.06469
1.20604719	0.444447154	1.01386792	0.33439479	1.03080821	0.93222	0.49766	0.54453	0.71463
0.88915374	0.795404029	0.6242683	0.62178766	0.74264813	0.70392	0.64313	0.77357	0.52705
	0.433504187	1.00336757	0.88762492	0.27922639			0.40285	1.00362
0.69756659	0.945397585	0.64783557	0.63973338	0.82016012	0.68272	0.83951	0.98488	0.45117
1.01472435	0.237423661	1.22433015	0.68980484	0.57669394	0.25414	1.26497	0.22828	1.26916
0.80654946	0.529092571	0.66360523					0.52106	0.66361
	0.30912888	1.79871183					0.26871	1.79871
	0.324318046	3.10834302					0.28545	3.10834
2.30595222	0.055795964	2.11222938	0.03086892	2.75402641	0.57585	0.68277	0.19004	1.69183
1.80951177	0.072182779	1.34881403	0.15454365	1.2549969	0.6436	0.82414	0.0246	1.84725
	0.169266396	1.92254996	0.12417855	1.92254996				
1.13796621	0.299888217	1.29272322	0.74756941	0.56276249	0.55203	0.83988	0.11764	1.75462
6.16331841	0.004530968	3.06238887	0.03410315	3.6132342	0.01272	2.90504	0.12611	2.81774
	0.382048495	1.09433447	0.57247081	0.62271428			0.34362	1.09943
1.01423366	0.704554292	0.7244121	0.54939144	0.81693269	0.72231	0.71335	0.49729	0.92023
1.29680418	0.446330614	1.01528529	0.77724245	0.64397092	0.5987	0.83858	0.37091	1.02697
	0.57814345	0.94967308					0.4214	0.94967
	0.266655086	2.11002784					0.22279	2.11003
1.60621567	0.184806338	1.20578709	0.14122231	1.30471121	0.64011	0.812	0.24932	1.19617
1.2637757	0.844524019	0.6558799	0.71941419	0.58316664	0.84413	0.66721	0.49137	0.9283
	0.741641791	0.48964461	0.75420471	0.45175977			0.60665	0.60385
1.11517918	0.393671318	1.15331455	0.56738036	0.69056423	0.34864	1.17593	0.48935	0.76661
1.13339022	0.156203112	1.80672568	0.42753253	0.84810872	0.49618	0.77947	0.05915	2.46422
0.93324196	0.323691983	1.62716697					0.28475	1.62717

	0.001118566	3.45308555	0.0165799	3.45496855	0.04477	2.63153	0.00654	4.83635
0.9442253	0.743050023	0.73115942	0.77499597	0.71011236	0.52345	0.92687	0.50196	0.70645
0.97842061	0.464082092	1.06025006	0.72582404	0.60307554	0.62099	0.6107	0.26355	1.38346
1.14417745	0.408396757	1.07474225	0.6850407	0.65334886	0.70807	0.69727	0.24019	1.20575
1.15365486	0.414772751	1.11603729	0.62822153	0.63555768	0.79277	0.56547	0.14686	1.67221
1.05802555	0.45203034	1.06265431	0.76881681	0.5754071			0.28031	1.25798
0.83929188	0.754066913	0.59792177	0.77877819	0.58155693			0.55792	0.74723
1.2255785	0.52829579	0.99119291	0.59414	0.66739684	0.83809	0.70245	0.29864	1.11293
1.05009612	0.787310725	0.66635393	0.57995314	0.72864125	0.81565	0.64186	0.4686	0.88485
	0.849751859	0.3697841	0.88893979	0.34089297	0.49752	0.7588	0.48173	0.87657
	0.482120577	1.06507348	0.72051358	0.43333971			0.32556	1.47767
	0.578265354	0.9019305					0.42126	0.90193
0.94045274	0.538153379	0.9961763	0.52648855	0.70832841	0.4238	0.99073	0.14233	1.63466
0.95848125	0.592881905	0.92241003	0.41759937	0.93189035			0.57995	0.70258
0.78708043	0.572285415	0.96831632	0.79263217	0.67147071	0.1896	1.21188	0.9086	0.5905
0.90313235	0.908772394	0.51285826	0.59389365	0.6373821	0.49792	0.94618	0.93535	0.50609
1.24218238	0.678507772	0.64576912	0.54009611	0.72387842	0.69196	0.51748	0.58737	0.76605
0.79020002	0.984286349	0.47238092	0.76901914	0.70180996			0.99535	0.36601
1.16215814	0.950891727	0.56118979	0.79130501	0.66877819	0.49461	0.94209	0.96298	0.50306
1.3344576	0.300192507	1.08776795	0.3123677	1.07249259	0.73972	0.68248	0.16666	1.427
1.18880325	0.379442606	1.12337657	0.86267028	0.54433503	0.54217	0.89038	0.10563	1.58727
1.5852511	0.517287957	0.99611528	0.95310943	0.53885312	0.47931	0.95754	0.10295	1.42474
1.29035264	0.257538945	1.29979994	0.42767817	0.89144597	0.59671	0.82124	0.09241	1.79436
	0.465331876	1.03672164	0.89907256	0.52825901	0.29519	1.23027	0.17727	1.6772
0.97641965	0.758379131	0.83859509	0.6174854	0.78645261	0.96572	0.54047	0.23811	1.25589
1.22795834	0.966897378	0.57212812	0.76494375	0.51748811	0.86252	0.63337	0.95518	0.53806
	0.378507558	1.25441175					0.3463	1.25442
	0.159610815	1.65087095	0.53012283	0.75393057	0.27487	1.4226	0.12999	1.96537
	0.83914369	0.55557759			0.9269	0.27492	0.4436	0.90079
0.81137483	0.742838793	0.61836183	0.68266799	0.51043288	0.71814	0.65072	0.50652	0.85744
	0.999773091	0.15395898	0.79458466	0.35870011			0.99998	0.13484
1.31868829	0.535408991	0.98058229	0.72339959	0.57926745	0.8369	0.6542	0.15308	1.48343
	0.277786142	1.41412431	0.86016074	0.26176404			0.10802	1.90097
0.94053485	0.308387573	1.4895161					0.26789	1.48952
1.54310445	0.143679199	2.29050621	0.09781146	2.32520963			0.47955	0.74967
1.12575983	0.39668826	1.01252929			0.61927	0.65513	0.40059	1.01314
0.97636856	0.438438603	1.02484387	0.54112652	0.79398225	0.69862	0.78432	0.3599	1.04335
	0.189321846	1.48261494	0.47407332	0.84930255	0.67041	0.70918	0.06954	1.87894
0.77587722	0.853553265	0.73432695	0.81799782	0.6729928	0.79749	0.7541	0.54657	0.89619
2.03700006	0.996281282	0.38930102	0.99872355	0.20596887	0.96735	0.48753	0.36001	1.5903
	0.076049459	2.7990819					0.04353	2.79908
1.07302013	0.347231138	1.1620208	0.58953995	0.78518886	0.85502	0.6358	0.02063	2.63248
	0.77855659	0.53202237	0.79966258	0.37329395	0.77507	0.44072	0.34323	2.07083
0.81535141	0.470367479	1.02974518	0.72304952	0.65632666	0.85864	0.62672	0.10882	1.49303
	0.279135581	1.43897002					0.23613	1.43897
1.09437646	0.575734287	0.87447295	0.46360697	0.83844747			0.43271	0.88011
0.81918899	0.785198529	0.78857937	0.60963975	0.83744994	0.61085	0.88275	0.81353	0.70647
	0.266376542	2.48229885					0.2225	2.4823
0.98366612	0.981477931	0.50755298	0.95987532	0.40612349	0.95949	0.55436	0.48215	0.88081
2.02748643	0.365314906	1.50617123					0.33134	1.50617
1.12176074	0.562588517	0.94424697	0.6233243	0.66812306	0.87118	0.50014	0.19058	1.57342
1.30142071	0.677604753	0.9420378	0.38931806	0.96478795	0.98769	0.37449	0.09856	1.73101
	0.231486955	1.27285535	0.15929627	1.71734996	0.6948	0.65183	0.24344	1.26282
3.76407215	0.605844232	0.88463648	0.56387225	0.69363978	0.98207	0.27929	0.03145	3.33036
1.25195871	0.662759235	0.92193906	0.88041938	0.62302697	0.18506	1.22073	0.94121	0.51554
	0.370819696	1.17543488	0.878108	0.26781278	0.31128	1.49075	0.23616	1.40755
1.59612917	0.042720345	1.4298349	0.11178496	1.33407327	0.20918	1.34361	0.05473	1.7953
0.81165557	0.347603932	1.08872047	0.14579452	1.2283553	0.46925	0.86008	0.83094	0.695
	0.386379732	1.02583709	0.35441957	1.02599952			0.43665	0.45677
1.45176425	0.577709491	0.86435426	0.44395598	0.88160195			0.44308	0.82801
0.29921531								
1.5697298	0.593484561	0.91519669			0.49665	0.60952	0.43141	0.91522
1.0320064	0.296609911	1.13324868	0.29066284	1.1849152	0.40783	1.06431	0.32583	1.28821
0.95036845	0.979406833	0.57552811	0.88816238	0.56786458	0.92965	0.57465	0.91707	0.58196
0.97782026	0.582984298	0.96754615	0.54547661	0.74552795	0.44017	0.62024	0.42106	0.9695
	0.379458876	1.08015623	0.32853944	1.09176972			0.66633	0.4745
1.00332279	0.387883274	1.04103338	0.34042609	1.04754017	0.44775	0.9405	0.52945	0.76185
1.09367612	0.994435111	0.24876037			0.99995	0.16277	0.78014	0.5965
	0.403448092	1.22291249					0.37479	1.22291
1.0975133	0.191266625	1.40718237			0.17534	1.98496	0.32448	1.23148
0.79044377	0.416527263	1.03714759	0.51958141	0.85869812	0.38512	1.03889	0.57834	0.589
0.63534217	0.564418225	0.97431998	0.96385942	0.55257061	0.07582	1.37198	0.77844	0.74581
1.4091536	0.237107735	1.09389594	0.30681741	1.05868967	0.66987	0.69756	0.11654	1.36894
1.56831976	0.661260058	0.84221778	0.98444793	0.13750611	0.55008	0.56119	0.31392	1.22334
0.97460094	0.780958194	0.61236427	0.62993909	0.67392287	0.80265	0.55782	0.47007	0.88207
0.32838638	0.515261817	0.45263578					0.49517	0.45264
1.11060507	0.791661163	0.52355934	0.53565758	0.72102497	0.55248	0.8384	0.84268	0.42516
0.70878493	0.642055709	0.55046909			0.70387	0.49055	0.55518	0.74269
2.17704543	0.388703587	1.0765571	0.5405643	0.70204632	0.48925	0.87022	0.35496	1.07849
	0.348789374	1.50561379					0.31273	1.50561
2.46324755	0.319355423	1.16284943			0.76844	0.73017	0.09022	1.63269
1.0837406	0.911992634	0.6490914	0.88226028	0.55323537	0.86148	0.68974	0.48463	0.93536
0.68264226	0.45418539	1.03529362			0.78228	0.70107	0.25185	1.21615
	0.581120843	0.65332004	0.47310469	0.73462514			0.42151	0.63421
	0.419018424	1.05296925					0.3927	1.05297
1.17596412	0.697199944	0.73494423	0.49503371	0.73626234	0.71892	0.72503	0.48363	0.91301
	0.648673681	0.71582976	0.4885632	0.84336679	0.64405	0.54487	0.60517	0.77893
1.45606697	0.368596473	1.14029833	0.45294845	0.69946279	0.48999	0.66247	0.32964	1.14639
1.17544142	0.628370707	0.88918182	0.52919389	0.82781219	0.87159	0.60354	0.21525	1.50298
	0.313912898	1.23826832	0.27396247	1.23826832				
0.92757153	0.721625183	0.73896666	0.60396965	0.62804522	0.7211	0.74455	0.56547	0.77839
	0.412475356	1.25354367					0.38516	1.25354
0.83652789	0.755105245	0.81380644	0.48699508	0.86501026	0.90421	0.62842	0.38203	1.1275

0.93316437	0.620771146	0.91156412	0.6956622	0.59926989	0.57559	0.71517	0.43601	0.953
	0.133768403	1.44360423			0.49204	0.91036	0.17104	1.44818
	0.575003363	0.90959337	0.50621102	0.74256813			0.42522	0.90972
0.73575008	0.943139819	0.60315285			0.63285	0.8736	0.98628	0.42066
	0.58436477	0.75193533	0.45039526	0.80389859			0.57407	0.68987
1.65820525	0.42535961	1.0509187	0.45972488	0.81793873	0.57935	0.70435	0.38631	1.05897
	0.581344601	0.61022828	0.57493556	0.6337207			0.54921	0.19107
1.46351052	0.530926483	0.9879705	0.41117519	0.9378746	0.79035	0.68875	0.18225	1.43997
0.66420815	0.952925686	0.59794316	0.77280687	0.70628699	0.62607	0.84808	0.98239	0.41187
0.86475747	0.424378838	1.14169969	0.38776703	0.67114796	0.60518	0.66656	0.30039	1.36755
0.52328867	0.548224402	0.6755378			0.69449	0.67371	0.47831	0.75868
1.10930339	0.476602089	1.01338547	0.81357829	0.45955322	0.32197	1.06686	0.73125	0.77672
0.51339564	0.090048035	1.75781539	0.03842681	2.11060079	0.47259	0.79406	0.40049	1.17735
0.48545808	0.494991794	1.00222812	0.22460603	1.31840081	0.42338	0.99002	0.3801	1.03562
0.96367946	0.521717966	0.99488909	0.66578859	0.79865026	0.83893	0.70635	0.24568	1.14727
1.03879197	0.384316931	1.00508735	0.35939464	1.00486475	0.84908	0.72193	0.13769	1.29274
0.88476955	0.401567419	1.11168686	0.55858485	0.74126818	0.56066	0.67707	0.35346	1.13336
	0.450518916	1.0178124	0.73329808	0.57856212			0.40122	1.02522
0.63515982	0.261714304	1.26385583	0.19048399	1.31645537	0.42486	0.81982	0.51773	0.81266
0.89841004	0.719563141	0.7200397	0.64312488	0.64522623	0.70017	0.71476	0.57022	0.81607
1.1247303	0.944956268	0.67261818	0.83468763	0.68077351	0.70692	0.82266	0.95363	0.53773
0.85518059	0.337569813	1.14011947	0.64284899	0.79714635	0.14934	1.36497	0.70232	0.69886
	0.565788303	0.54406454					0.56411	0.54406
0.97343964	0.931246694	0.67378302	0.73453404	0.76150113	0.74158	0.76523	0.94434	0.56016
0.8139995	0.5893019	0.83213694	0.58454519	0.80763363	0.54089	0.87513		
	0.621152065	0.60755429	0.62712539	0.55021642	0.53976	0.74974	0.48231	0.73466
0.74640099	0.52319202	0.99471772	0.60360485	0.83467404	0.27676	1.10184	0.9341	0.52021
1.01129714	0.332142886	1.11173075	0.6151459	0.77783596	0.42877	0.87396	0.24256	1.15673
1.22435842	0.443080544	1.03857751	0.62370885	0.82655209	0.85029	0.70899	0.12085	1.33738
1.38620871	0.314761621	1.07650262	0.29543327	1.08636851	0.18314	1.23601	0.85508	0.63752
1.09327619	0.300428679	1.31424532	0.03340439	4.23379459	0.73556	0.53068	0.45946	0.94279
	0.314507858	2.35082543					0.27462	2.35083
1.35737768	0.571964012	0.83211363	0.5219086	0.81709231	0.47047	0.90828	0.57648	0.69915
1.01687147	0.740048635	0.81419954	0.678854	0.71368508	0.86387	0.64242	0.34359	1.21527
1.10189302	0.656028127	0.55749816	0.56648545	0.69468486	0.66438	0.48829		
	0.361713521	1.82331453					0.32727	1.82331
	0.578623865	0.89193571	0.53944461	0.69813379	0.49548	0.82575	0.42615	0.89762
	0.565539909	0.88594486	0.487774718	0.7578008	0.49886	0.75987	0.43698	0.88693
0.97512377	0.905229086	0.58436154	0.8822411	0.54616236	0.81748	0.56652	0.64355	0.73729
0.94080625	0.812290216	0.81731822	0.85204811	0.60405171	0.4516	0.96993	0.86221	0.60498
2.59615752	0.90353518	0.68515134	0.84141011	0.62212411	0.66576	0.82853	0.87521	0.62417
	0.63502379	0.83478377	0.70063896	0.45068911	0.59165	0.72106	0.44446	0.92601
2.36204177	0.35657348	1.02181036	0.23838693	1.23866649	0.39198	1.03359	0.3927	1.01403
1.04644211	0.410645757	1.13570452	0.59919694	0.75658851			0.33458	1.21908
	0.594590336	0.91550008	0.62365701	0.60077216	0.47052	0.82129	0.43079	0.93773
3.78558097	0.75524826	0.77760741	0.90633119	0.38612866	0.43802	0.94325	0.41154	0.72879
1.90465127	0.492378937	1.01198305	0.83289009	0.61497511	0.28681	1.14993	0.46656	0.92754
0.81030664	0.428419314	1.02907064	0.83289748	0.51520359	0.29635	1.2907	0.38555	1.03644
	0.646245974	0.87973692	0.80324806	0.34728779			0.42204	0.93798
1.76643644	0.361435582	1.14445661	0.58468436	0.68127521	0.62734	0.73051	0.26573	1.22304
	0.41508168	1.0126576	0.47914951	0.80131796	0.23557	2.02986	0.40035	1.01125
1.02712678	0.700238362	0.62598192	0.53426369	0.72915013	0.72554	0.58655	0.47583	0.87623
1.0074306	0.429135784	1.04598717	0.65225599	0.58410728	0.64207	0.76115	0.34404	1.08085
1.02917773	0.585257969	0.9393317	0.52727832	0.82413268	0.79973	0.66568	0.36256	1.13304
0.85571669	0.001090167	2.2290745	0.00295534	3.32003836	0.00518	3.0205	0.09374	1.52351
1.08530718	0.442653512	1.08477355	0.72141784	0.61823758	0.69833	0.6179	0.17077	1.66338
0.71727078	0.700554636	0.90316357	0.6700398	0.78222753	0.24947	1.14956	0.99095	0.38399
	0.972601245	0.15767605	0.98672016	0.15767605				
0.91052584	0.770383678	0.70701928	0.80385881	0.61772144	0.61717	0.82421	0.52362	0.89126
	0.577056531	0.91424479	0.46148577	0.33640645	0.5433	0.64264	0.42853	0.91998
	0.621000885	0.98554626	0.37132975	0.98554695			0.50611	0.52534
0.69150279	0.479271991	1.01993713	0.49605257	0.84642136	0.76772	0.62204	0.36306	1.0812
0.83914969	0.591160015	0.94843883	0.52747322	0.81709231	0.92188	0.54987	0.27033	1.17509
1.01042866	0.024640719	2.22327702	0.02006921	3.27388562	0.24199	1.90751	0.11396	1.77849
	0.689007991	0.46687858	0.69208191	0.4397804			0.41131	0.54814
0.81691776	0.608175394	0.95209152	0.81437213	0.64285595	0.78833	0.72196	0.33759	1.0883
1.12999647	0.390088637	1.06686223	0.74979972	0.65067019	0.38544	1.06459	0.25695	1.28454
	0.54145481	0.99336003	0.38303166	0.97720644	0.84606	0.62929	0.04359	1.81945
1.615116	0.843694476	0.66013268	0.68820023	0.74617374	0.48323	0.94082	0.86755	0.58742
1.37958403	0.404367429	1.20929263	0.5735235	0.73523938	0.61123	0.66751	0.27317	1.54545
	0.586447753	0.97710397	0.36869839	0.96464513	0.56204	0.75922	0.32976	1.20087
1.05351789	0.337195519	1.18453499	0.58071516	0.71755012	0.67158	0.72466	0.19115	1.38072
0.7822787	0.452735602	1.00105097	0.53983216	0.87512385	0.41544	1.00131	0.99369	0.3973
0.87984311	0.866980788	0.56906588	0.80091444	0.58239508	0.50385	0.90778	0.82937	0.55597
	0.681346811	0.83873924	0.83840159	0.64605581	0.357	1.21233		
1.02689241	0.451117933	1.02825742	0.77333507	0.66234725	0.33873	1.07105	0.46591	0.81253
0.99695828	0.444633252	1.03589663	0.62802356	0.74914205	0.76961	0.74631	0.24566	1.15351
0.80298176	0.781262349	0.92212	0.40038341	0.97511772	0.7222	0.81949	0.9676	0.52025
	0.427930017	1.08220148	0.79520288	0.55896606	0.29362	1.28295	0.3301	1.29397
1.25395285	0.722911169	0.82251158	0.98637104	0.40278201	0.51956	0.90022	0.08585	1.80924
0.67383324	0.955007118	0.63042568	0.60093771	0.85532418	0.98373	0.53325	0.62074	0.8524
	0.316592807	1.17410489	0.4548604	0.90323459	0.46308	0.94035	0.22033	1.2747
0.83011602	0.70882715	0.58821484	0.73078022	0.57391871	0.48858	0.83036	0.52762	0.78023
1.59442729	0.754085407	0.57436542	0.77467693	0.57900527			0.57393	0.37977
0.89007352	0.625000267	0.94395399	0.38536782	0.95159661			0.68477	0.46319
2.87455407	0.12761582	1.21924205	0.91168428	0.62882209	0.18376	1.19189	0.0071	1.99233
0.73057853	0.210346151	1.15004014	0.1176219	1.27038811	0.98732	0.51417	0.0093	1.92645
1.24761736	0.170030543	1.41288526	0.63719525	0.7149144	0.57574	0.80986	0.07444	1.61065
	0.861893697	0.25698228	0.89454428	0.24837039			0.53195	0.63216
1.96526296	0.762342001	0.82644584	0.9035501	0.5251694	0.87552	0.5979	0.26753	1.23448
0.92141046	0.480839299	1.02808594	0.66655702	0.62923137	0.90419	0.54454	0.05655	2.05248
0.75619577	0.806680664	0.5625639	0.3745336	0.57695788	0.83076	0.52471	0.54512	0.83043

0.90132695	0.64389557	0.92790954	0.70031236	0.6783882	0.62264	0.77318	0.4177	0.95946
1.81346327	0.387527381	1.02033484	0.34947396	1.02237852	0.3215	1.29016	0.42934	0.96491
0.78768514	0.976832343	0.49769198	0.4514859	0.93797189	0.52787	0.92687	0.99803	0.32043
1.10230273	0.191002595	1.38085278	0.49150236	0.82675737	0.25117	1.33782	0.20452	1.42616
	0.621013168	0.87815721	0.65809526	0.60021567	0.44214	0.93671	0.41959	0.79654
	0.283738615	1.55218062			0.50087	0.77252	0.30959	1.55224
1.08969393	0.36369532	1.02647267	0.52825171	0.83161383	0.36172	1.04262	0.3795	1.02123
1.22843403	0.332212568	1.14189273	0.64899946	0.74771338	0.7354	0.66762	0.14805	1.34422
	0.363677007	1.11512551	0.59527086	0.62192164	0.46836	0.80896	0.31391	1.12883
	0.556513841	0.86594971	0.44676469	0.86594971				
1.02762712	0.311102096	1.13801643	0.6263361	0.74694049	0.74638	0.77242	0.09703	1.40707
1.0401108	0.477406973	1.01936652	0.4914016	0.88151737	0.39562	1.05481	0.70966	0.68185
	0.395881538	1.0699263	0.31683753	1.10926873	0.414	1.12515	0.79223	0.46197
	0.210095647	1.59174878	0.15866512	1.66953376	0.54387	0.82073	0.38185	1.72486
1.08090051	0.522856407	0.98444554	0.72760769	0.6445623	0.47254	0.89831	0.30613	1.37669
	0.406527264	1.28095098					0.37833	1.28095
4.10465649	0.665333591	0.90007745	0.99839351	0.30589411	0.57072	0.89155	0.04886	1.64228
	0.290681222	1.30389809	0.55794599	0.63644155	0.57702	0.80037	0.20621	1.41042
1.4757625								
	0.584930778	0.8242011	0.77851541	0.45663399			0.18719	4.79242
0.16555011	0.025114677	1.39724184	0.02551119	1.68595325	0.05724	1.61969	0.22151	1.1705
1.52597836	0.143146827	1.21186301	0.06667043	1.60199489	0.28174	1.10522	0.33341	1.5229
1.21873254	0.582083418	0.90628372	0.42367205	0.90980773	0.50502	0.78482	0.46514	0.87212
1.20306292	0.422948977	1.14405617	0.60444329	0.64965275	0.58241	0.72093	0.32129	1.30932
0.84912289	0.77544149	0.77137154	0.47406701	0.91679159	0.65478	0.84987	0.80635	0.65829
0.94847925	0.540644102	0.9956325	0.30726996	1.09111069	0.59894	0.64973	0.40655	0.98762
1.05369238	0.300465084	1.1165533	0.28455917	1.15013867	0.46407	0.93033	0.34747	1.1024
0.82010296	0.622987804	0.79588235			0.52833	0.92103	0.63371	0.71904
0.80202639	0.496812665	1.01779733			0.37711	1.02898	0.77278	0.64191
0.98993307	0.708046164	0.77590451			0.58936	0.60669	0.65582	0.78956
1.15763147	0.448838328	1.10721237			0.21352	1.52124	0.77766	0.54874
0.91639055	0.85156443	0.64136097			0.88016	0.63933	0.79665	0.6453
1.33068607	1.84138E-05	3.97329195			3.6E-05	3.43911	2.7E-05	5.04998
1.18955539	0.626307907	0.89514919	0.69320965	0.54339513	0.50411	0.34967	0.41362	0.92984
1.02925404	0.10587136	1.30021002	0.21308123	1.22430055	0.08387	1.78045	0.26614	1.20415
	0.712656673	0.55302161	0.86589498	0.25126463	0.54454	0.60761	0.34789	1.82832
0.79901614	0.343810907	1.16569059	0.4345287	0.88932664	0.79752	0.63911	0.06895	1.89711
	0.591614171	0.94949916	0.67577297	0.48397468	0.42945	0.96179	0.49128	0.84319
1.8095168	0.056062018	4.97330651			0.00151	5.43102	0.15489	3.37419
0.53672912	0.445554888	1.07499274			0.34197	1.19251	0.43759	0.92021
0.59092965	0.352540621	1.57988253			0.10292	1.73271	0.62833	0.64104
1.19445914	0.506097012	1.00666203	0.4903292	0.85029002	0.76779	0.66431	0.1554	2.14602
1.09475015	0.441380648	1.06715759	0.56522139	0.80096796	0.64168	0.80911	0.29258	1.23839
	0.005431129	2.3443308	0.03071514	2.07826204	0.02272	2.78499	0.08855	2.48793
1.31890154	0.188409905	1.16258818	0.210276	1.16359155	0.65116	0.85457	0.14314	1.30626
0.66205254	0.35880639	2.05143116			0.13784	2.61234	0.64447	0.43846
0.96373623	0.72809434	0.63908808			0.51663	0.86833	0.69317	0.62439
	0.234809345	2.31992356					0.18939	2.31992
1.28766566	0.520195737	0.90158217			0.5064	0.91009	0.50811	0.89419
1.05236692	0.50323327	1.16614133			0.313	1.1677	0.45741	0.36763
2.26932408	0.225986074	1.10038363			0.18866	1.2291	0.36446	1.05262
1.11557192	0.483519109	1.01899914	0.60907918	0.80410829	0.03151	1.77216	0.98238	0.43579
0.64796638	0.189866803	1.17426069	0.27556429	1.12007346	0.21143	1.40098	0.26951	1.20944
	0.436815174	1.09157618	0.57944165	0.72593096	0.446	0.93214	0.26068	1.55184
1.12211427	0.489143455	1.00359703	0.3190256	1.0360679	0.43743	0.98683	0.8954	0.61194
0.71691707	0.671590444	0.93484858	0.47098001	0.92714605	0.30998	1.07746	0.99366	0.39886
0.85148115	0.929820537	0.63965455	0.6084723	0.83879957	0.74779	0.77682	0.97149	0.42524
1.71111623	0.77799198	0.68763414	0.53817739	0.8275918	0.79642	0.65859	0.61145	0.76626
1.38459834	0.478870139	1.21630658			0.30034	1.22266	0.48562	0.90005
	0.31335184	1.74090095					0.27335	1.7409
0.97334936	0.505377128	1.06668494			0.34735	1.06727	0.46173	0.59579
1.46787297	0.157153162	1.14066066	0.15886795	1.24058936	0.34931	1.05207	0.05713	2.00844
0.84235611	0.567413032	0.98434514	0.38921597	0.9701833	0.68437	0.77369	0.35075	1.08699
0.84898804	0.662830178	0.9108008	0.67555175	0.57904718	0.43029	0.96339	0.81867	0.4561
0.96793491	0.654820025	0.96981023	0.383016	0.97893447	0.72898	0.6995	0.73432	0.66165
0.85081447	0.860434787	0.67071221	0.62746454	0.80442525	0.48833	0.94537	0.89425	0.625
1.03549851	0.284151205	1.2834427	0.20311204	1.3879916	0.45716	0.91517	0.50897	0.78958
0.82822604	0.668404586	0.77965245			0.46734	0.89057	0.65054	0.75199
1.3925408	0.083060883	1.31634237	0.20621952	1.23584263	0.16006	1.36534	0.13831	1.38601
0.88988447	0.471853561	1.02065685	0.7090576	0.77167667	0.09729	1.33428	0.93318	0.57084
0.92610868	0.528479813	0.98612126	0.63258582	0.71074481	0.73676	0.73677	0.30284	1.19979
1.32153872	0.415911209	1.12278901	0.42850301	0.89858154	0.28414	1.38589	0.47104	0.56579
1.28895439	0.625574353	0.92375246	0.64463404	0.82160713	0.5766	0.90627	0.45256	0.96505
	0.087476968	1.53471192	0.24593621	1.22606116	0.48575	0.89888	0.0116	3.82744
1.09363947	0.633566259	0.95542686	0.50290821	0.82986106	0.75392	0.7232	0.42336	0.97543
0.72577384	0.718663439	0.66019925	0.45650813	0.83883506	0.54525	0.77163	0.74327	0.61766
0.99637004	0.369080077	1.17341004			0.62437	0.83205	0.19919	1.56819
0.78942239	0.723259813	0.77733967			0.54071	0.82156	0.68294	0.77398
0.63003593	0.451707815	1.11964709			0.25012	1.16581	0.72205	0.58389
1.01083834	0.503845166	1.00364912	0.07367734	1.38248556	0.95311	0.57838	0.70369	0.79192
0.72210198	0.62965212	0.98255039			0.66298	0.76551	0.41772	0.98554
0.97846496	0.628784203	0.89265954			0.84697	0.71129	0.24666	1.36637
1.25029328	0.436856512	1.01288163	0.37365035	0.63970606	0.71932	0.58945	0.39332	1.01599
	0.398020658	1.0296323	0.36480208	1.03056484			0.5792	0.69645
0.92469012	0.522149096	0.99472463	0.55235377	0.87544098	0.21562	1.15602	0.94965	0.53754
0.53353209	0.507572202	1.00722268			0.41588	1.00864	0.79523	0.44922
1.93782162	0.070426218	1.88553742			0.47659	0.9176	0.07858	2.05761
0.7463572	0.651111053	0.98295418			0.79524	0.56059	0.40788	0.98668
0.70948615	0.381572113	1.27188775			0.15548	1.47531	0.73068	0.58162
1.17546913	0.390891814	1.08235503	0.5743216	0.79888612	0.7858	0.73327	0.14813	1.33341
0.65887109	0.39000555	1.00650996	0.35859179	1.00654999	0.55574	0.83803	0.51098	0.89403
0.77850254	0.484302404	1.02107347	0.65236766	0.79977331	0.7272	0.7495	0.23468	1.28712
1.60965019	0.347169792	1.04247956	0.51527458	0.85058514	0.30823	1.08766	0.38962	1.02773
0.57686838	0.556674256	0.99610454	0.06677948	2.35112681	0.41976	0.99412	0.71571	0.3337
	0.387433213	1.54135454					0.35647	1.54135
0.92045557	0.467390034	1.04283232	0.61989996	0.68950093	0.73941	0.64378	0.2695	1.26989
3.95915987	1.44505E-08	5.06011342	8.6055E-07	12.0347416	0.00066	3.87785	0.00015	3.95431
2.07665417	0.000459171	1.90205231	0.0448457	1.61079138	0.01401	1.72897	0.00091	2.943

1.37454058	0.93124703	0.47665937	0.95702682	0.4708422	0.50368	0.90267	0.52495	0.82564
0.91642967	0.886265874	0.67242161	0.5661287	0.85671817	0.83485	0.70534	0.85855	0.54779
0.68002288	0.185472591	1.28959789	0.26156109	1.18423261	0.42457	0.84801	0.06348	2.63395
1.10726041	0.164003526	1.21243447	0.06771027	1.55900818	0.65075	0.83359	0.25801	1.14988
	0.409302522	1.10773051			0.73869	0.58382	0.25883	1.36407
2.53707682	0.000208139	3.41893962			0.03802	5.42914	0.00311	3.12957
1.12069908	0.725034416	0.7127241			0.54757	0.86541	0.7148	0.66571
1.26342263	0.461611869	1.00414279	0.65448389	0.73008101	0.89944	0.62972	0.39698	1.00747
	0.512677347	0.99558825	0.66569478	0.54435155			0.34408	1.72114
	0.361353672	1.64224263	0.49042187	0.76498291	0.49187	0.81587	0.32336	1.66949
1.88013508	0.000205765	2.11160298	0.02313266	1.83749547	0.01153	1.90339	0.00098	2.99491
1.46158603	0.159943877	1.33293681	0.08904914	1.40984418			0.57863	0.8697
0.83895277	0.474887326	1.09667931			0.29729	1.11811	0.67843	0.56694
	0.425827927	1.07333886					0.40056	1.07334
0.97911925	0.623068474	0.55238657	0.62348218	0.56569363			0.55225	0.31665
	0.533759902	0.97782847	0.84323518	0.36147053	0.46514	0.62855	0.38489	1.11051
	0.333202041	1.15204997	0.31942165	1.13588903	0.36798	1.43347		
	0.538081623	0.67886405	0.53160483	0.67886405				
	7.54301E-07	13.5913173			9.4E-06	10.8015	3.5E-06	18.6173
1.21774588	0.19097873	1.25175661			0.91721	0.66954	0.00138	2.45662
1.06728524	0.475268898	1.11328803			0.357	1.13323	0.55759	0.81177
1.18739492	0.101444398	1.37773487	0.69964894	0.79531005	0.0213	1.6261	0.49496	0.93366
1.3832771	0.286620847	1.11414291	0.45713591	0.90503216	0.34587	1.07157	0.1945	1.38403
	0.212151784	1.6771461	0.58404617	0.66746902			0.14198	1.81407
0.89161296	0.098311576	1.54187911	0.09022701	1.63120026	0.22283	1.42938	0.39363	1.38144
1.21899891	0.527934399	0.98961131	0.77347019	0.630274	0.85108	0.65191	0.1718	1.2903
1.24564026	0.639621245	0.99568393	0.36754045	0.99621616	0.42542	0.71551	0.98597	0.31436
2.12230054	0.037839298	1.51978387	0.78444369	0.70638875	0.02658	1.82886	0.02439	1.85725
0.97426112	0.003461347	2.45881818	0.00615122	2.64224393	0.17279	2.20118	0.03814	2.29264
0.91807877	0.572742323	0.84899769			0.61408	0.84393	0.45757	0.87333
0.91624903	0.488214534	1.02954623			0.19825	1.22234	0.96593	0.32789
1.27100395	0.985560361	0.43917211	0.99565957	0.26204312	0.71592	0.70465	0.83835	0.56214
0.55155394	0.550638409	0.82581039	0.45818649	0.83937075			0.53065	0.4709
2.16909573	0.378730912	1.20338199	0.4977878	0.85619934	0.53188	0.70975	0.34237	1.21123
	0.363434546	1.82919691					0.32922	1.8292
1.43039914	0.33927365	1.1691076	0.56572071	0.79486151	0.20942	1.35202	0.42856	0.90573
1.0884376	0.572676587	0.83885636	0.51767503	0.79299131	0.53283	0.88336	0.56451	0.81006
0.88541411	0.163202129	1.26034965	0.02817794	2.19756186	0.35805	1.08531	0.60599	0.68904
1.46143999	0.664068354	0.90732706			0.91234	0.63237	0.27137	1.19787
2.1969744	0.008113427	2.34903006			0.0717	2.19726	0.0173	2.44844
	0.493121786	1.05811873			0.39762	1.11371	0.65956	0.53761
0.80204638	0.51157443	0.99968371			0.06379	1.45821	0.98492	0.46636
1.30522824	0.50058637	1.01304839			0.39167	1.02824	0.79842	0.61004
1.09072667	0.264853424	1.16153345	0.75628097	0.72392454	0.12084	1.28589	0.50955	0.92355
0.81618556	0.54400991	0.98377256	0.69161166	0.76243369	0.14991	1.23531	0.95774	0.53353
2.03202737	0.063331204	1.62834257	0.23842218	1.4307175	0.69615	0.67336	0.01785	2.06881
	0.62134716	0.52726752	0.62907948	0.52726752				
1.53379016	0.362050051	1.0941538	0.45182696	0.91271033	0.67418	0.80688	0.2193	1.19773
	0.32871766	1.12599472	0.30696619	1.11673701			0.38246	1.39806
1.47578963	0.06173682	1.3936895	0.02657376	2.14844908	0.17046	1.32988	0.28043	1.1743
1.21439131	0.59974406	0.77479904			0.54701	0.8872	0.64317	0.60489
0.93131609	0.091853098	1.44946468			0.14552	1.48223	0.14192	1.42429
4.14339647	0.572619066	0.69119193			0.55311	0.73329	0.43643	0.63142
	0.944374993	0.39698965					0.96665	0.39699
1.1003027	0.737858281	0.92504036	0.40229572	0.96916684	0.99891	0.32737	0.15266	1.3162
0.7777805	0.216989415	1.39187113	0.15941411	1.42637711	0.54071	0.83408	0.47709	0.77766
2.58110967	0.074110469	1.56379441	0.0727699	1.55010942	0.57131	0.70953	0.15488	1.70526
	0.309881127	3.20709226					0.26953	3.20709
2.1856252	0.000562087	3.34330624			0.00106	3.64267	0.00608	3.0395
	0.503281675	1.02160462			0.40106	1.02287	0.57262	0.78693
1.73872469	0.066514109	1.42389098			0.15958	1.21258	0.00687	1.98707
0.91826629	0.061356544	1.66493764	0.04888351	2.00720828	0.08359	1.93072	0.458	0.94087
1.17341593	0.503089253	1.00357332	0.59148461	0.75214361	0.84412	0.5945	0.35655	1.06021
1.01233087	0.443382444	1.09581281	0.57078307	0.68768296	0.7126	0.63929	0.23844	1.51199
0.99826203	0.513668959	0.99811055			0.39434	1.01515	0.97392	0.49696
1.4368831	0.01208323	2.71666492			0.00112	2.35124	0.00207	4.54918
0.8818017	0.515945911	0.7881355			0.5487	0.78929	0.49229	0.63076
	0.402229312	1.14405909					0.37339	1.14406
0.65763546	0.43857162	1.32509086			0.24856	1.51608	0.69706	0.38282
1.17746255	0.453709412	1.02075147	0.72293558	0.66758841	0.5983	0.7848	0.37721	1.03971
1.7834393	0.579591196	0.95453247	0.56617388	0.75539858	0.44041	0.9639	0.45134	0.91675
1.09108598	0.121196849	1.44135568	0.15943994	1.36046141	0.25161	1.46976	0.18435	2.25993
	0.690028786	0.37543474	0.70831291	0.37543474				
	0.336154522	1.83823529					0.2986	1.83824
	0.409089151	1.54388096					0.38127	1.54388
	0.404413185	1.16596924					0.3759	1.16597
1.22068679	0.981204138	0.5962844	0.99846008	0.25109466	0.9991	0.35499	0.05211	1.78004
	0.593005113	0.99946607					0.404	0.99947
1.05487283	0.8074503	0.75369509	0.59071483	0.58310824	0.95255	0.52415	0.33422	1.20506
1.35804937	0.436450206	1.03184987			0.74776	0.54777	0.37733	1.06494
	0.76035186	0.64440323	0.57149622	0.75002216	0.76412	0.61315	0.62492	0.68841
1.04809431	0.096760824	1.31856378	0.14425066	1.34223362	0.95259	0.59857	0.00013	3.60887
1.08363382	0.428974804	1.01081438	0.55215488	0.80240805	0.66901	0.65959	0.39485	1.01192
	0.335602889	1.3627211			0.43437	0.72034	0.30556	1.52156
1.01972234	0.662718024	0.92013671	0.99998342	0.01283888	0.38727	1.05435	0.60126	0.602
1.0346178	0.899910407	0.58959865	0.76786169	0.41076878	0.90465	0.59762	0.57961	0.76976
2.26453604	0.009535193	1.88298307	0.10762887	2.73241337	0.05084	1.56006	0.01174	3.00858
1.80434838	0.008444372	1.57066793	0.03719559	1.79486604	0.15195	1.24925	0.00512	2.38664
1.65406374	0.610481629	0.96354963	0.38429289	0.96376511			0.53492	0.60635
	0.430935783	1.01811923	0.6295327	0.52824485			0.40136	1.01915
1.06124559	0.373005004	1.21679715			0.51825	0.21671	0.38491	1.21765

	0.329322944	1.93111411			0.291	1.93111		
0.54891888	0.455953427	1.05248262	0.40065557	0.87751188	0.86953	0.42966	0.12219	1.72093
0.71475651	0.311300757	1.0282751	0.27365918	1.25815857	0.4035	1.01144	0.01767	1.97652
0.82831622	0.958864416	0.49459368	0.56988619	0.75993573	0.98187	0.45026	0.458	0.88889
1.15770916	0.352765209	1.19226243	0.54393748	0.60997609	0.707	0.52041	0.24552	1.30826
0.9906338	0.378812145	1.10907238	0.49149716	0.71662471	0.96317	0.42956	0.0474	1.69478
1.35822753	0.050511973	2.36554399	0.06933018	2.73762593	0.08013	4.73273	0.25075	1.57728
3.03270144	0.079884872	1.72988557	0.93890294	0.31275091	0.08079	2.15692	0.01247	2.94272
0.95226736	0.426740066	1.00044672	0.31864651	1.13458624	0.40478	1.04752	0.4037	1.00044
1.09994071	0.386608079	1.19255989	0.55373243	0.65637893			0.34617	1.20965
	0.319673332	1.57988911	0.61112632	0.55114093			0.22957	1.87175
	0.056572833	2.29695725			0.53542	0.77598	0.07796	2.41872
3.13486774	0.083408167	1.4378906	0.27310662	1.16920199			0.01561	2.44363
	0.031032104	3.27131441			0.54529	0.71022	0.04487	3.60196
0.9157491	0.261444508	1.21618144			0.75656	0.70404	0.09465	1.59187
0.71728869	0.497499754	1.0083605	0.43428001	0.83715325	0.82947	0.65605	0.27355	1.15622
	0.308479575	1.90978853					0.26799	1.90979
1.34853296	0.236412599	1.22863395			0.56696	0.80551	0.24085	1.26414
	0.414412484	1.06058293	0.427216	0.84527772	0.43789	0.92233	0.33081	1.10642
1.37295722	0.343359465	1.06145077	0.91870955	0.6199179	0.05326	1.49026	0.39462	1.0398
0.79872074	0.341629574	1.05871277	0.33827408	1.05799953	0.38294	1.06095	0.51285	0.9058
	0.39391771	1.00636935			0.66598	0.36882	0.40093	1.00649
0.4496504	0.512942945	0.27887379			0.64405	0.27885	0.4994	0.59778
1.05498227	0.525538889	0.98897594	0.40371343	0.91760257	0.77845	0.66992	0.11992	1.99696
0.7931376	0.913155021	0.68066172	0.72657395	0.71455083	0.91538	0.63844	0.70262	0.76335
0.88706758	0.5145102	0.9989469	0.29349028	1.20305887	0.42499	0.97903	0.50642	0.80481
0.55786059	0.41441035	1.09026948	0.6556416	0.75086312	0.77426	0.63659	0.13411	1.5585
	0.423335936	2.03931444					0.39768	2.03931
0.70018242	0.322631133	1.0756255	0.28455626	1.15328535	0.50034	0.89339	0.37135	1.04977
	0.303149475	1.40224597	0.47389747	0.78656775			0.25686	1.41972
1.54143776	0.707633314	0.8876121	0.76046279	0.59566788	0.9846	0.5134	0.09371	1.42926
	0.525659868	0.82064341					0.48297	0.82064
0.97020202	0.242226085	1.10287237	0.23921533	1.10917868	0.19351	1.1981	0.73928	0.77015
0.84969031	0.014578023	1.53615644	0.02170948	1.65475791	0.0476	1.44826		
0.34699017	0.413261674	1.08203319	0.65709012	0.47123613	0.48866	0.85738	0.36148	1.10263
	0.339751763	3.64157219					0.30261	3.64157
	0.706235066	0.63915941			0.60525	0.67213	0.67371	0.62336
0.94877149	0.494578047	1.00398101	0.44201259	0.79182369	0.90728	0.55937	0.37891	1.02599
1.34285846	0.386140312	1.04248486	0.34912401	1.04464882	0.52767	0.82314	0.46298	0.91064
1.22882288	0.339876655	1.15855941	0.46701192	0.73972362	0.3975	1.15381	0.32421	1.16471
1.40895758	0.822185173	0.81411992	0.89790656	0.6195732	0.88294	0.69864	0.24483	1.27633
1.18667975	0.555122745	0.96682555	0.63311371	0.57082147	0.94302	0.4457	0.19484	1.30258
0.91815091	0.320943422	1.22664635	0.48646241	0.76496628	0.54247	0.70602	0.27594	1.23592
	0.549055648	0.64482848					0.45552	0.64483
1.55650893	0.205032964	1.35102359	0.62813626	0.65469371	0.73624	0.62255	0.06687	1.66584
1.00123675	0.691064008	0.88906214	0.54310373	0.66278704	0.97972	0.45962	0.23229	1.20769
1.41235532	0.572273009	0.96512917	0.46623281	0.80254905	0.4791	0.92446	0.43273	0.9669
0.86825142	0.794848785	0.66048603	0.41472421	0.85467868	0.61622	0.73058	0.843	0.51354
0.92679601	0.118990594	1.38150993	0.27075209	1.31135994	0.21776	1.28558	0.12787	1.71081
	0.210380815	3.79637446					0.16447	3.79637
0.99782376	0.118950172	1.17608327	0.31637043	1.06602381	0.02503	1.7339	0.25639	1.26657
0.71119371	0.913600229	0.63759329	0.96042882	0.55925924			0.4682	0.9547
4.71270797	0.238678934	1.20219446	0.14943145	1.63185095	0.4052	2.17491	0.33437	1.10772
2.22794779	0.486581349	1.01702999			0.40565	1.00994	0.08084	1.58906
1.05403143	0.468548789	1.01432936	0.4112403	0.92293604	0.43792	0.98029	0.14798	1.44694
1.04283524	0.505634705	1.00712057	0.73174765	0.43436807	0.42716	0.64335	0.39355	1.13613
	0.518216059	0.79494032			0.5083	0.79494		
1.6776958	0.506253524	1.00505851	0.93150653	0.34402353	0.14695	1.59122	0.59927	0.78282
2.95253403	0.002401127	1.69328914	0.01097446	2.01913403	0.09845	1.33594	0.0054	2.2696
	0.37101963	2.12338436					0.3378	2.12338
	0.661895551	0.83001199	0.69947221	0.4641322	0.7069	0.49135	0.43819	0.93252
1.51061378	0.28404499	1.21593769	0.27571688	1.19161993			0.33441	1.44703
1.12160984	0.365329483	1.11568815			0.72099	0.6662	0.24537	1.27711
	0.285106937	1.27704343			0.62728	0.63976	0.24999	1.39678
	0.235542387	2.36881378					0.19015	2.36881
0.63773977	0.309191124	1.36080645			0.53247	0.63783	0.32508	1.37782
	0.581495814	0.93798231					0.41748	0.93798
0.86656513	0.485849333	1.02227512	0.64435005	0.67989944	0.84782	0.60593	0.13913	1.54272
0.87041464	0.440136531	1.02533524	0.42460966	0.88933685	0.71276	0.48705	0.37994	1.03813
0.90470128								
	0.537100201	0.79500671					0.46955	0.79501
0.85787401	0.52322337	0.99784559	0.38494112	0.96928137	0.41152	1.01678	0.691	0.7456
0.58694844	0.647703215	0.88135751			0.65019	0.66074	0.42754	0.9238
0.75152209	0.037262161	1.62073521	0.59335853	0.60089162	0.00721	2.11844	0.30738	1.18859
1.70813281	0.576017647	0.98643681	0.38576363	0.97866563	0.26435	1.18977	0.7285	0.70811
0.78047825	0.688808443	0.47876894					0.70692	0.47877
	0.948182202	0.38062057			0.99974	0.13742	0.17193	1.9933
1.15554616	0.868848821	0.54638929	0.67923857	0.51458183	0.73969	0.59377	0.84462	0.52548
	0.218720255	2.58537539					0.1729	2.58538
1.12586751	0.549388889	0.98054059	0.43970061	0.84333539	0.43741	0.97238	0.29278	2.21121
	0.38351684	1.12876474	0.5691784	0.64201083	0.73579	0.63793	0.22009	1.3203
1.29854108	0.42608158	1.07070447	0.60679126	0.69947817	0.86238	0.61936	0.09716	1.59387
	0.354534783	1.87867608					0.31918	1.87868
	0.516484958	0.50628502			0.49373	0.50629		
0.85869229	0.569823716	0.7012245			0.73688	0.63685	0.33466	3.44192
0.71081616	0.575244	0.72762317					0.5752	0.72762
1.58874921	0.453845119	1.05590374	0.70253954	0.52489695	0.41886	0.9251	0.14488	2.11085
	0.641830459	0.32820824					0.65287	0.32821
0.73403882	0.055233985	1.97257614			0.30607	1.32826	0.0237	2.72053
1.09190866	0.454709281	1.02643038	0.46471691	0.7944967	0.75156	0.6144	0.37112	1.05449

	0.714523275	0.61860104	0.48876068	0.78789575			0.7361	0.61738
0.41550878	0.687370561	0.34708086					0.70528	0.34708
	0.600318081	0.74772008			0.59757	0.72425	0.56296	0.78211
	0.715320762	0.53088849			0.73699	0.53089		
1.0179591	0.435100624	1.01751564	0.91252615	0.5422995	0.28998	1.14505	0.38124	1.0254
0.80947808	0.62760415	0.89888696	0.70827626	0.7077531	0.46239	0.96754	0.49093	0.5847
1.06143312	0.012041677	1.54425448	0.24069805	1.21672535	0.06918	1.45312	0.00408	2.37811
0.88729715								
0.86179436	0.882145229	0.58834647	0.58038044	0.69955533	0.89149	0.49568	0.74851	0.68472
1.35090826	0.205542992	1.23768556	0.27903923	1.21806801	0.37198	1.10919	0.14107	1.84773
1.38318587	0.460292069	1.07518207	0.66172348	0.62825269			0.35657	1.21881
1.22938568	0.366497186	1.40441924	0.53388682	0.66323193	0.5433	0.70242	0.31062	1.50014
0.84659844	0.338926348	1.1655884	0.54827433	0.82319276	0.54136	0.8158	0.28302	1.19035
0.60566131	0.579997679	0.99532871	0.56043216	0.66967574	0.39208	1.0503	0.40531	0.99447
1.90576472	0.251332186	1.42188525	0.47761928	0.77069987	0.60671	0.82597	0.10475	1.98446
0.89299025	0.498476197	1.00895508	0.42241042	0.88098763	0.31249	1.15164	0.76028	0.66693
	0.529252693	0.74085442					0.47876	0.74085
1.30014767	0.636193268	0.92275308	0.8469332	0.48933571	0.89142	0.6043	0.23038	1.22002
1.50718264	0.349589744	1.12868398	0.87907614	0.60968051	0.58929	0.86823	0.03584	1.89452
	0.233045914	1.352802	0.54940933	0.63168622			0.18348	1.36164
0.71074066	0.269830643	1.20050446	0.26676788	1.22502129			0.33323	1.17044
0.88918058	0.816475517	0.75821256	0.69163073	0.73938272	0.66653	0.83299	0.799	0.69728
1.38356787	0.174896647	1.5282567	0.57545985	0.56469086	0.70213	0.71682	0.03155	2.41828
	0.416413949	1.0862019	0.4074344	0.92619921	0.4975	0.83128	0.12797	2.17168
0.59988852	0.732673732	0.84637794	0.41425287	0.93312618	0.61861	0.85576	0.79853	0.65151
	0.48770559	1.04543595			0.40417	1.03025	0.17522	2.34466
	0.586578274	0.70526203			0.54442	0.79145	0.41447	0.62056
2.72605352	0.077752665	1.65594574	0.6413454	0.70616149	0.5507	0.89957	0.01764	2.03399
	0.424605738	1.03732568					0.39915	1.03733
0.99927456	0.346422416	1.14280935	0.59393626	0.72695958	0.78427	0.68841	0.10759	1.51898
0.83683514	0.382170132	1.00649082	0.36408323	1.00587974	0.49708	0.93216	0.23218	1.27642
	0.535046956	0.79411519					0.47196	0.79412
	0.009913142	3.72661549	0.00286475	3.72661549				
2.01328226	6.22265E-05	2.4745728	0.01145695	3.23389118	0.00705	1.91467	0.00034	3.62676
1.41253459	0.000628458	1.80199909	0.13732562	1.29111437	0.00211	2.12775	0.0013	2.68672
0.992398	0.845293717	0.67102176	0.80585488	0.63583197			0.78378	0.69891
0.92174997	0.417289002	1.17606906	0.56705496	0.76426965	0.42425	0.7881	0.29664	1.47491
0.98445031	0.40739168	1.17603705	0.46127241	0.80914838	0.8614	0.34829	0.12571	2.12381
0.31653563								
0.42822582	0.510801896	1.00030137	0.5554309	0.71050563	0.78439	0.63969	0.30122	1.20627
2.13817281	0.000950945	1.89541509	0.01094407	2.10060564	0.01099	1.9213	0.0368	1.70971
0.76931164	0.292662734	1.09226817	0.48260791	0.8523179	0.21729	1.18425	0.40073	1.04245
1.18198235	0.292006458	1.20112059	0.51698629	0.6224815	0.28359	1.19418	0.3588	1.22649
	0.637766823	0.91878719	0.79968284	0.36888232			0.41035	0.94991
0.43051994	0.549635319	0.95591141	0.67537159	0.50668112	0.87075	0.4497	0.20606	1.5161
	0.872714144	0.33091742	0.53808505	0.64864397			0.90452	0.3229
0.87445043	0.384322505	1.03181759	0.24287592	1.32333353	0.64883	0.66354	0.39369	1.02321
	0.407891658	1.20499965					0.37989	1.205
1.65327443	0.427978476	1.00574887	0.48158423	0.77162756	0.58613	0.56237	0.40223	1.0058
0.87310009	0.790728139	0.56427946	0.57440118	0.6824153	0.82077	0.53317	0.4712	0.84562
1.58960116	0.23071878	1.38589263	0.24602732	1.345538	0.46847	0.87195	0.25033	1.64217
1.08003573	0.728502344	0.65048732	0.68723783	0.4732332	0.7635	0.57599	0.38809	1.58234
	0.406103632	1.26893512	0.38222878	0.53299648			0.32584	1.44929
0.74678578	0.39482535	1.03313347	0.33963295	1.0470889	0.91765	0.35942	0.36841	1.06364
	0.328709255	1.65083218			0.69411	0.44205	0.1482	3.8186
1.40047274	0.66938823	0.59083745			0.88666	0.34587	0.23129	3.11718
	0.852984815	0.61044915	0.87554979	0.59207465	0.74174	0.44914	0.3987	1.51229
1.42098475	0.250171533	1.40030655	0.45912875	0.83814207			0.1916	1.4441
1.21930636	0.930762024	0.48141709	0.88134928	0.49293505	0.89107	0.46649	0.49053	0.86684
	0.522013293	0.16077532					0.51275	0.16078
1.97297286	0.15950958	1.16339461	0.00484446	2.92906937	0.4002	1.03718	0.30479	1.18373
	0.423035667	1.07713457	0.47057049	0.73586858	0.38763	1.0855	0.5816	0.51699
0.93362175	0.255038109	1.15089256	0.27923894	1.19404233	0.30594	1.12425	0.3933	1.16532
1.01660298	0.000330311	3.03157914	2.922E-05	5.44865201	0.40121	1.17066	0.01852	2.53632
0.89937139	0.514144541	0.997527	0.51350046	0.83201458	0.88826	0.51155	0.23764	1.26264
0.67103743	0.334521781	1.06065567	0.3321241	1.05014967			0.29769	1.33094
0.64038023	0.296346263	1.2567871	0.549803	0.77139516	0.69998	0.5447	0.18639	1.38918
	0.402261768	1.09617245					0.37343	1.09617
2.45421676	0.763689359	0.61450725	0.77063268	0.36520133	0.69595	0.67862	0.56992	0.7733
	0.260109063	1.50311938	0.79712532	0.37329395	0.53704	0.83052	0.08637	2.27211
0.72770034	0.884102478	0.64529223	0.56995945	0.87061675	0.54039	0.55173	0.92166	0.60821
1.02392576	0.135697104	1.62982845	0.51038755	0.81634319			0.09268	1.63237
1.04273136	0.180332548	1.45832402	0.60017353	0.65365777	0.45352	0.56484	0.11664	1.51765
1.00063829	0.490633731	1.02710235	0.43136803	0.8699408	0.77759	0.42596	0.26583	1.45967
1.19793556	0.066476334	1.50966144	0.07248506	1.63608077			0.13685	1.46084
	0.313430781	1.39479493	0.53332448	0.69850766			0.26816	1.41114
1.01182858	0.488051559	1.01616051	0.43182574	0.9093697	0.91121	0.54597	0.12349	1.45088
1.40313928	0.278913589	1.10333994	0.23605372	1.13662196	0.82298	0.70968	0.16522	1.28888
1.22531275	0.736986158	0.87860842	0.42270339	0.9554512	0.61741	0.87694	0.82256	0.69852
	0.668016822	0.58114203	0.45426383	0.81808776			0.70177	0.45134
0.86276398	0.477745825	1.00445199	0.50891983	0.86637035	0.90497	0.65126	0.38887	1.01298
	0.320486333	1.76438464					0.28121	1.76438
1.46170283	0.032000449	1.37982703	0.02595371	1.92208313	0.35091	1.07399	0.00852	2.19431
0.70277446	0.875786363	0.71712482	0.61442683	0.83426907	0.87335	0.68708	0.74361	0.71834
1.40020588	0.791178428	0.82647449	0.77585524	0.65429378	0.99608	0.40901	0.073	1.54651
2.17835649	0.940068771	0.50572968	0.65661299	0.64232821	0.99572	0.29568	0.12905	2.59417
	0.359953719	2.78636539					0.32529	2.78637
0.94766311	0.337787765	1.10596109	0.52753363	0.88304383			0.2968	1.10884
0.98588262	0.380825296	1.12488037	0.45011831	0.86681403			0.33096	1.1474
0.84186331	0.919423508	0.68264307	0.62427286	0.80149348	0.76521	0.77763	0.9403	0.56529
0.8355391	0.252572207	1.20450436	0.14269277	1.49034024	0.73179	0.64566	0.30919	1.17098
	0.320444876	1.23299362	0.28086245	1.2334681			0.488	0.63721
1.01269259	0.214995192	1.14633931	0.08717674	1.32297495	0.93289	0.63264	0.09674	1.40039
1.39677772	0.280642829	1.33493178			0.5906	0.72067	0.24914	1.47362
0.66230324	0.410564152	1.07946915	0.49476724	0.75559928	0.58273	0.68297	0.37049	1.08956
1.38663576	0.026939186	1.45530273	0.01245989	1.73513946	0.94476	0.62546	0.00034	3.06955
0.76223124	0.42705956	1.00858425	0.43268199	0.87143818	0.49296	0.61207	0.39911	1.00885
	0.462817635	1.05211418	0.84377821	0.26516357			0.33243	1.1746
	0.57027556	0.57277318			0.56673	0.6096	0.56198	0.49492
1.0599825	0.329800484	1.08930707	0.27759498	1.13256792	0.93661	0.54321	0.09883	1.44053
0.78830988	0.38252032	1.11630439	0.47677195	0.8290138	0.73938	0.73247	0.16891	1.41018
1.03589817	0.43634861	1.01722557	0.31228445	1.04030793	0.6613	0.85518	0.8	0.71451
0.6716954	0.989910223	0.56301511	0.58479681	0.85400877	0.98326	0.53975	0.95881	0.54505
	0.361486934	2.81941842					0.32702	2.81942

0.60704847	0.557069821	0.96651079	0.44044544	0.88820972	0.94846	0.5044	0.11347	1.51167
1.12111219	0.533459339	0.81926628	0.50148415	0.76127574			0.52614	0.81937
1.0618547	0.731866563	0.89037851	0.87981055	0.51422917	0.97114	0.47606	0.29099	1.1143
0.93759869	0.435779967	1.18985054	0.59508281	0.7008558			0.3401	1.46249
0.56237177	0.944292089	0.63063243	0.61352923	0.80138618	0.94892	0.57403	0.81586	0.67985
	0.246507565	2.59497399					0.20154	2.59497
1.1540624	0.46018691	1.01094754	0.48155445	0.8131674	0.8663	0.49033	0.39057	1.02052
	0.492582712	1.02113037	0.68367394	0.58518373	0.87394	0.44814	0.13442	1.74215
0.95154501	0.405660612	1.01208968	0.69517553	0.62373094	0.40896	1.00971	0.37881	1.03029
0.58403686	0.258528811	1.4927206	0.21256641	1.49881917			0.48483	0.78476
1.0451096	0.35278261	1.11175054	0.63859385	0.78064324	0.82575	0.62032	0.11744	1.36994
1.03702979	0.35106641	1.05110262	0.2833688	1.06700921	0.45924	0.97375	0.51849	0.91777
1.478114	0.350694371	1.16836984	0.58311647	0.64201083	0.73572	0.71369	0.12668	1.60143
	0.171653468	3.49663639					0.12645	3.49664
0.67296312	0.383775251	1.03091619	0.35228456	1.03091851			0.49602	0.73112
	0.480191082	1.02686956	0.65560784	0.60632428	0.61585	0.64647	0.39953	1.08106
0.90727332	0.363094724	1.04638825	0.33979862	1.0536673	0.75009	0.66637	0.34547	1.07487
1.387714	0.197848859	1.40242001	0.51163608	0.77370672	0.65832	0.72362	0.09374	1.61111
1.68465658	0.895778893	0.78308315	0.95194922	0.51065668	0.99684	0.40842	0.18437	1.2269
	0.290721704	2.12508978					0.24863	2.12509
1.39080047	0.249765597	1.64652265					0.20495	1.64652
1.37085809	0.243250133	1.27506107	0.61770918	0.63426058	0.7037	0.48748	0.14394	1.37381
	0.165423479	1.60095145	0.53552306	0.70580322	0.59836	0.77282	0.08143	1.84342
0.76074925	0.927574013	0.54328329			0.76605	0.69544	0.95476	0.4183
2.12525542	3.69224E-07	4.90214706	1.0554E-05	4.89047204			3.2E-05	4.9155
1.09250366	0.026912145	1.95785613	0.00726837	3.40266509	0.32553	1.21394	0.10214	2.34511
1.04165732	0.372107668	1.18894895	0.5768882	0.67304052	0.73387	0.60389	0.17504	1.59749
1.90401018	0.50895719	1.00286725	0.4723962	0.82553592	0.78915	0.62523	0.15683	2.05025
	0.555683009	0.97290207	0.39062038	0.94011643			0.35138	1.26443
2.73953482	0.722290187	0.78633879	0.51962929	0.8117453	0.79876	0.72492	0.3182	1.78018
0.9620798	0.426321987	1.07053265	0.43798821	0.90485981	0.70741	0.74199	0.21818	1.32339
0.89247192	0.171734172	1.38705374	0.17013578	1.37196505	0.50501	0.91844	0.26217	1.43662
0.62243615	0.189103927	1.36404026	0.15719147	1.46664124	0.60011	0.47682	0.30699	1.26011
1.17896336	0.612247855	0.97890759	0.37590899	0.97786282			0.37742	1.61275
2.85055972	0.331483949	1.59065402					0.2934	1.59065
	0.056966896	8.27984596					0.0297	8.27985
1.17665881	0.603109555	0.98435916	0.77002008	0.49080013	0.46313	0.93849	0.41183	0.98718
1.21573507	0.509867888	1.00065178	0.40327168	0.94812334	0.82518	0.6529	0.1143	1.57318
0.73560782	0.55666373	0.97759931	0.74289284	0.74868142	0.22177	1.17444	0.864	0.66678
2.9842631	0.002353999	1.99788327	0.00167431	2.52625879	0.88147	0.59376	0.00042	3.21225
	0.238797109	2.19505584	0.46929129	0.52824485	0.57463	0.57629	0.16186	2.58538
1.33936313	0.389328554	1.0549377	0.58680514	0.77785081	0.37183	1.10689	0.3936	1.04688
1.2086019	0.516791341	0.996554777	0.97039587	0.50552933	0.16644	1.41104	0.19045	1.37427
2.00236549	9.56888E-05	2.38102881	8.08259E-06	6.14151963	0.05302	1.51227	0.00427	3.29757
	0.143989995	2.99571483					0.10063	2.99571
	0.330822696	1.62006637	0.61112044	0.60541109	0.6466	0.52577	0.10303	4.98076
	0.398614311	1.1760408					0.36925	1.17604
0.90667692	0.60997615	0.94278948	0.55268472	0.8696702	0.95824	0.5545	0.17143	1.2726
	0.439114845	1.02242968	0.56654304	0.748903	0.59453	0.78991	0.40143	1.02663
	0.335438601	1.07572967	0.34057349	1.06022053			0.30141	1.32143
	0.413480368	1.06566636					0.38632	1.06567
0.91125165	0.628386967	0.96979915	0.42927976	0.90991253	0.76886	0.66525	0.41621	0.9812
0.8271125	0.760569506	0.7905911	0.55957982	0.86197437	0.7264	0.80829	0.70501	0.71076
0.79076093	0.897655472	0.66536963	0.80883509	0.67326201	0.87735	0.65504	0.54742	0.80783
0.77009159	0.576377165	0.73749778	0.54056624	0.74552795			0.56514	0.73409
0.97156044	0.46707507	1.01235209	0.96247838	0.54720179	0.31252	1.0757	0.32973	1.05967
0.86613261	0.151645986	1.51135554	0.48916854	0.83351883			0.10712	1.51358
1.29448353	0.354961722	1.12700674	0.75709303	0.62732634			0.21346	1.24516
	0.353788855	1.22204818	0.51693564	0.69528722	0.73379	0.52568	0.2106	1.4555
1.08658959	0.221032424	1.42654403	0.17445569	1.42869032			0.4791	0.62694
1.03249033	0.61718618	0.9076383	0.59227987	0.76453734	0.55346	0.88179	0.40819	0.92462
	0.400285175	1.11027668	0.47830966	0.7966564			0.36923	1.11243
1.03884738	0.793143912	0.7460598	0.80636548	0.67144657	0.55945	0.88446	0.67147	0.7958
0.68499126	0.815119575	0.74157744	0.58600354	0.77593271	0.82781	0.72005	0.63645	0.80474
1.23330065	0.546672587	0.97569468	0.62171061	0.73187999	0.9271	0.52275	0.18444	1.29493
	0.309693122	1.89404402					0.26933	1.89404
1.52014129	0.311730255	1.20182401	0.68074125	0.53666423	0.66694	0.78348	0.12252	1.54018
1.01082366	0.589220366	0.8789104	0.54776852	0.6736048	0.59773	0.75517	0.4582	0.93381
	0.34101378	1.14722376	0.30394697	1.14730111			0.49457	0.74785
0.97022535	0.362313908	1.12131572	0.31818579	1.12987739			0.59752	0.5317
0.95727779	0.335469441	1.14732656	0.52190053	0.63396396	0.2642	1.19555	0.45664	0.93257
	0.364929614	1.11310241	0.98743576	0.39217004			0.0154	1.92106
	0.654522637	0.81326353	0.78215048	0.62337074			0.38507	1.25355
1.46029772	0.154645544	1.38581479	0.17861505	1.39135538	0.56301	0.73629	0.19536	1.41802
1.55697804	0.128567413	1.22227151	0.15608911	1.25885496	0.3194	1.10897	0.14078	1.54682
	0.545236012	0.6502806	0.54000125	0.6502806				
	0.508395964	1.00235419	0.5972409	0.71613238	0.88346	0.59778	0.10968	1.66102
0.73928473	0.789814473	0.78369607	0.71699702	0.76730273	0.65762	0.84764	0.74124	0.69879
	0.380448395	1.01168282	0.36038275	1.01073366	0.51822	0.74213	0.25821	1.4703
2.53345079	0.315722299	1.02217144	0.35679224	1.01368474			0.00803	2.53669
0.79744178	0.708060208	0.95147805	0.39691599	0.97787059	0.62274	0.87992	0.90637	0.62052
0.56658354	0.626261427	0.91085387	0.40311595	0.92400235	0.55695	0.79265	0.41355	0.89079
2.68991481	0.36655442	1.25528856	0.56229158	0.7082357	0.60369	0.74492	0.2426	1.54006
	0.379760486	1.03193047	0.35108205	1.03124839	0.60273	0.60497	0.343	1.88263
1.35542705	0.382013812	1.07726746	0.61895887	0.7103191	0.6385	0.73171	0.29617	1.11394
1.33836377	0.388295054	1.02320009	0.42215635	0.95434082	0.41294	1.01462	0.09494	1.68088
	0.122193002	1.29166624	0.26755946	1.14824744	0.38427	1.17136	0.04226	1.99947
1.08934803	0.430230767	1.07980682	0.51850981	0.79394611	0.84664	0.60839	0.10962	1.69696
1.31201332	0.611403857	0.89171648	0.62417913	0.61833929	0.8902	0.50018	0.186	1.64354
1.04838576	0.797285965	0.77168843	0.69284087	0.67396179	0.93044	0.57961	0.27517	1.33684
	0.506176059	1.00212984	0.32457104	1.0742882	0.98495	0.30367	0.26531	1.40435
	0.206006298	1.74531437	0.43908942	0.84918358			0.10331	2.2966
0.84572386	0.303679829	1.77127187					0.26274	1.77127
0.49594721	0.415483989	1.05110069	0.55525233	0.76564695	0.48974	0.84413	0.38297	1.0541
1.05018206	0.448212062	1.01697	0.6964851	0.78581022	0.36591	1.03386	0.45282	0.96454
1.07608396	0.276258104	1.1091567	0.24305232	1.15764322	0.42242	0.94773	0.24629	1.20482
0.80958057	0.419679477	1.05602092	0.30124651	1.15058721			0.42838	0.94657
	0.173340141	1.92110084					0.12807	1.9211

1.42721946	0.341877122	1.24615027	0.43430197	0.85986239	0.67532	0.63263	0.15462	1.76751
0.78967382	0.275397358	1.18597901	0.2738862	1.19481272			0.33743	1.17174
0.74256564	0.416657091	1.01642111	0.32955347	1.02651585	0.73189	0.80681	0.74301	0.6102
1.37766372	0.403316455	1.04824813	0.36324043	1.05381205	0.85114	0.22472	0.28531	1.77725
	0.540799763	0.56010978					0.46521	0.56011
3.40390442	0.18044893	3.43166059					0.13491	3.43166
	0.428039399	1.00045517	0.5528887	0.68929424	0.37527	1.10358	0.40382	1.00045
1.31572602	0.368801092	1.13999439	0.72670318	0.55008387	0.4863	0.91045	0.25679	1.23764
0.85696614	0.395375469	1.08695884	0.69086701	0.73055667	0.53896	0.88832	0.26886	1.18054
0.92365796	0.880102728	0.67926899	0.71120496	0.75024383	0.89326	0.6496	0.52742	0.62216
0.81899067	0.6061355	0.98288626	0.37440954	0.98060045			0.29857	1.59313
0.85312741	0.464861633	1.02451505	0.56854462	0.77188085	0.68182	0.78034	0.36706	1.06692
0.75488063	0.430708338	1.27390241	0.46452266	0.80875125	0.56882	0.72496	0.30263	2.08544
0.84235792	0.339571829	1.05977821	0.33134816	1.05685902	0.46362	0.94848	0.36233	1.09782
0.63178559	0.426242119	1.04306746	0.64177381	0.8178119	0.13392	1.25217	0.88236	0.65372
1.20022468	0.249454085	1.23602238	0.19935541	1.25682318	0.5503	0.88182	0.37809	1.53496
0.73463941	0.000563335	2.44923004	0.00060599	2.6933009	0.45414	0.89131	0.00976	2.44921
0.81003449	0.413090643	1.18814133	0.59525669	0.66839893	0.55209	0.77391	0.31912	1.37175
	0.717231025	0.63114929	0.80020656	0.34885614			0.42408	0.84532
0.81217819	0.851266376	0.57603836	0.51237027	0.81271254	0.51647	0.91727	0.88689	0.56126
1.12065842	0.163228078	1.36162374	0.49552412	0.74276083	0.2343	1.26383	0.15539	1.56658
2.25596958	0.295625801	1.29434665	0.65044501	0.66199873	0.46256	0.90631	0.16296	1.5662
	0.368502558	1.82919691					0.33495	1.8292
2.17081791	0.419375555	1.07115037	0.46837778	0.81350317	0.44362	0.96102	0.16434	1.81112
0.90784144	0.421341097	1.04106545	0.5865148	0.79468757	0.33701	1.06904	0.65911	0.78466
0.90359548	0.809674937	0.73653854	0.69109926	0.74807569	0.6829	0.81226	0.79782	0.58308
	0.556847749	0.96745686	0.41716425	0.8881116	0.3726	1.22451	0.41589	0.93776
0.97350718	0.253315966	1.6110286	0.57370767	0.66947678			0.18528	1.72841
0.76530538	0.714488901	0.86673128	0.00470925	2.34326449	0.99963	0.34513	0.48111	0.87934
0.7222701	0.429306985	1.0470543	0.48071615	0.7829274	0.55679	0.71022	0.39911	1.05008
1.45275985	0.997814313	0.46049729	0.99970798	0.26356517	0.98728	0.43451	0.35887	1.1892
2.05709786	0.038495545	1.4220948	0.5581572	0.87137067	0.12066	1.28408	0.02076	1.77351
1.0284243	0.584276942	0.81073099	0.50623426	0.79941376	0.58463	0.72067	0.45843	0.87732
	0.896032173	0.45332364			0.99844	0.41015	0.43365	0.87849
1.15478999	0.84556218	0.57118225	0.68262517	0.65778916	0.5464	0.79049	0.86155	0.51949
1.04279617	0.702222911	0.76512245	0.768154	0.64649412	0.60015	0.81503	0.36055	1.67003
0.98981365	0.511839878	0.99960642	0.99141537	0.44591764	0.0492	1.47361	0.51772	0.92026
	0.80842671	0.58280064	0.84056227	0.55937142			0.43665	0.78042
1.21219316	0.17093321	1.14737931	0.19129217	1.23263019	0.29086	1.11247	0.27123	1.12841
1.09979758	0.386822693	1.27073013	0.0457094	4.47730396			0.89616	0.30311
1.13939796	0.009966119	2.20298584	0.04429304	7.88220659	0.20063	1.40174	0.00391	3.15566
1.08551383	0.55433846	0.97433957	0.56148063	0.81012103	0.88422	0.65258	0.23596	1.19966
	0.77545492	0.36382548	0.80353926	0.36382548				
	0.574025589	0.88444954	0.8234046	0.29517471			0.37286	1.28095
0.68041619	0.63816102	0.93147129	0.74555451	0.66482561	0.58735	0.73959	0.43573	0.96861
1.89581148	0.559665444	0.84880251	0.44306724	0.84880251				
0.79522449	0.63564696	0.9421116	0.72255188	0.74276288	0.29723	1.1045	0.94062	0.54604
	0.517725994	0.97840597			0.44545	0.91679	0.40325	1.47803
	0.261467515	1.10910833	0.31540713	1.0812718	0.37253	1.09011	0.21937	1.41854
	0.59301011	0.99826429	0.58401551	0.60674243	0.47151	0.84793	0.40433	0.99827
0.90264729	0.572651393	0.97513752	0.52290897	0.88398478	0.54077	0.88636	0.43342	0.97685
1.33270622	0.091358682	1.50067148	0.09269895	1.66586458	0.47634	0.93573	0.15284	1.43989
1.21534296	0.429301072	1.06459193	0.46409607	0.83814207	0.07695	1.55859	0.95878	0.43302
	0.189814814	1.64060175	0.13731222	1.94898305	0.32454	1.43003	0.43707	0.75113
0.97273406	0.759487298	0.7647938	0.81570396	0.64746971	0.52835	0.88077	0.41341	0.89823
	0.427291024	1.95838433					0.40225	1.95838
0.94192297	0.735857492	0.8728174	0.44372111	0.93871078	0.246	1.19026	0.99176	0.38721
0.77494386	0.264333541	1.23455412	0.54444198	0.83431944	0.49428	0.9373	0.21078	1.25011
	0.406301224	1.0307109	0.83464432	0.54156106	0.22048	1.33516	0.39223	1.02834
1.00289488	0.334342407	1.02167938	0.30230758	1.08138776	0.40473	1.01019	0.10858	1.44356
0.64490691	0.38302569	1.08824567	0.56503458	0.81001942	0.74041	0.73554	0.20688	1.23208
1.15878561	0.582403087	0.99565797	0.84684298	0.6709694	0.30127	1.08519	0.40994	0.99527
1.16171527	0.342128695	1.12366498	0.53545534	0.85572846	0.74977	0.78317	0.10796	1.44846
2.46248557	4.40109E-06	4.26407993	5.5485E-05	9.50652493	0.05425	2.02716	5E-05	5.73942
0.52502227	0.597746049	0.90085905	0.40322814	0.90280259	0.49893	0.78619	0.53256	0.86813
1.262199	0.454779126	1.03191134	0.70020127	0.73511995	0.80496	0.71173	0.18012	1.23646
	0.360481149	1.81372994					0.32588	1.81373
0.89136476	0.145931804	1.19536198	0.18929346	1.17601148	0.82182	0.73169	0.02365	1.76138
	0.420951553	1.05901824	0.68905561	0.56949144	0.59326	0.74389	0.33959	1.0964
1.06603316	0.594271656	0.94673312	0.63794956	0.73192201	0.96779	0.47951	0.13475	1.36283
1.17511641	0.597388865	0.98603809	0.66781963	0.6022266	0.59373	0.60277	0.409	0.98744
	0.580157228	0.83845255					0.41904	0.83845
0.88468201	0.586356219	0.78314956	0.58674241	0.77165798	0.51724	0.79205	0.51392	0.88573
1.75613802	1.06617E-05	3.2212169	0.00011908	4.22370593	0.02296	2.30104	0.00152	3.31032
	0.787531794	0.34419222	0.81648241	0.34408584			0.49039	0.443
0.81095319	0.459631904	1.04935011	0.42927976	0.90991253	0.60543	0.80784	0.29937	1.27275
	0.528032398	0.32884866					0.51981	0.32885
0.76829828	0.56035087	0.89897732	0.62418041	0.75901193	0.5303	0.82092	0.37834	1.63824
1.19566619	0.620509541	0.91197415	0.84908255	0.63962505	0.25745	1.29416	0.67363	0.61638
1.59790959	0.199774493	1.400159	0.48244401	0.87372861	0.13785	1.45019	0.55259	0.82578
1.08802001	0.437251734	1.05193815	0.68824636	0.72221712	0.75118	0.68183	0.21318	1.24584
	0.445702065	1.04965432	0.73854987	0.59025812	0.47741	0.85298	0.33965	1.11559
1.03745964	0.435276572	1.05250225	0.57890415	0.75438143	0.55879	0.83275	0.38509	1.07137
1.15533746	0.480457306	1.01980052	0.88438515	0.54929424	0.62702	0.85738	0.16398	1.31558
1.07617475	0.669229538	0.66581978	0.68485721	0.66304105	0.50216	0.867	0.50884	0.85847
	0.525899271	0.42622278					0.51731	0.42622
	0.579477317	0.93387382	0.52640452	0.7065121			0.42135	0.93496
	0.576830826	0.92532218	0.50711683	0.73491585			0.42308	0.92544
	0.533015394	0.73722306	0.52433345	0.7065329			0.49024	0.81133
	0.498954413	1.04753021	0.62702711	0.55270809			0.3534	1.9965
1.17195896	0.585982059	0.9783841	0.57611777	0.73862774	0.42936	0.98217	0.43289	0.92555
1.42120703	0.58115432	0.9987969	0.55575729	0.70291435	0.41839	0.9988	0.44998	0.91088
0.66138103	0.412358139	1.08485889	0.45564497	0.82407127	0.53259	0.81901	0.37226	1.09705

	0.436296659	1.01596217	0.86945422	0.42119887	0.4008	1.01943	0.39446	1.0588
0.90276759	0.459878	1.04028093	0.64905435	0.65021594	0.60899	0.72737	0.37434	1.0928
0.92549266	0.603769885	0.99322425	0.38897771	0.9525274	0.46807	0.80309	0.40632	0.99411
1.52594576	0.590225396	0.96906261	0.56681155	0.66110754			0.41069	0.97017
0.76312487	0.415621536	1.0898789	0.49293533	0.82909762	0.31735	1.20147	0.44062	0.92856
8.6992826	0.698319216	0.60729416	0.7227213	0.50309452			0.41919	0.76759
	0.336699388	1.74021334					0.29921	1.74021
1.10935435	0.503826762	1.00192465	0.66371444	0.74058373	0.43205	0.98352	0.26373	1.16616
1.4304797	0.394355384	1.00053702	0.36468451	1.00053574	0.82806	0.66413	0.1696	1.39779
	0.746291277	0.77098438	0.9839302	0.2179745			0.36122	1.15324
1.02563327	0.549813962	0.98006906	0.69573109	0.65353639	0.29834	1.11025	0.88685	0.58218
1.22731625	0.397176282	1.03290015	0.65697057	0.52587295	0.4061	1.03244	0.39111	1.03856
	0.129272659	1.75286485	0.58309545	0.74033505	0.08561	1.89318	0.28596	1.91126
1.07822995	0.360358814	1.14889217	0.63466645	0.74027948	0.62529	0.77677	0.20661	1.34342
	0.293852085	1.41796891	0.67091987	0.46785758	0.22594	1.8421	0.325	1.40187
1.08514304	0.251110894	1.15491225	0.28446971	1.12554104	0.60163	0.7707	0.22389	1.30424
	0.716905112	0.42818638	0.73877343	0.42818638				
1.37123903	0.449452319	1.07980582	0.78511069	0.40200887			0.30643	1.25846
	0.432320843	1.01418433	0.82454562	0.3113375	0.41319	1.01342	0.17488	2.45234
1.12788927	0.569955015	0.97624185	0.30297165	1.15542662	0.44673	0.97706	0.82459	0.68781
	0.525922575	0.67340936	0.51733637	0.67340936				
0.91073095	0.936411472	0.66452465	0.85667934	0.60892863	0.87696	0.69248	0.7901	0.66324
0.8997835	0.345826	1.18064112	0.66101656	0.67723405	0.64355	0.78682	0.14312	1.5766
	0.567280239	0.74028346	0.54466426	0.71289303	0.54321	0.78014	0.45222	0.12207
0.74909412	0.453203192	1.08157338	0.61191111	0.70930577	0.50705	0.70166	0.38134	1.16208
	0.621367315	0.98713627	0.96120768	0.48672586	0.22052	1.43349	0.41055	0.99108
0.78090219	0.536551602	0.98595798	0.83027463	0.66750437	0.90019	0.6513	0.06002	1.5282
	0.270546729	1.15248884	0.28813632	1.11706209	0.24255	1.65631	0.40273	1.44251
	0.064587041	3.29628509	0.03507197	3.29628509				
	0.389402791	1.00262684	0.36276759	1.00254832	0.56782	0.32208	0.17725	1.7556
	0.373873549	1.11074365	0.65824148	0.52783553	0.37987	1.08897	0.2921	1.48259
1.22644237	0.611977286	0.94781047	0.70066037	0.72655578	0.29813	1.11695	0.91828	0.56072
1.02346414	0.580700961	0.95804069	0.7709043	0.64469456	0.88191	0.67149	0.13085	1.39462
	0.616136743	0.40039439	0.37699026	0.40039439				
1.03462831	0.42400671	1.04893719	0.37760921	0.79138667	0.67778	0.80668	0.27853	1.13141
0.86762135	0.549681194	0.99365415	0.26394234	1.2255384	0.51328	0.82159	0.41039	0.98719
1.3121835	0.59637745	0.99215165	0.64285107	0.70744445	0.65806	0.71196	0.41051	0.99298
0.96670147	0.824028184	0.76801135	0.98027182	0.43662225	0.692	0.75092	0.25104	1.29285
0.86011642	0.468605383	1.00949523	0.80915467	0.58186343	0.40452	1.01859	0.56515	0.76897
	0.599260459	0.98990014	0.3793739	0.9676202	0.42047	0.99168	0.24405	1.67895
1.18773544	0.360005799	1.03661505	0.35010934	1.03124839	0.5033	0.84798	0.26451	1.56548
1.90840204	0.849115623	0.71810627	0.81501821	0.44777204	0.89906	0.54938	0.4292	0.93414
	0.603186594	0.54616172	0.38633212	0.49228087	0.4874	0.85186		
0.67940896	0.856220318	0.50004318	0.90308562	0.37332275	0.57833	0.76255	0.6179	0.71444
0.23476123	0.26129334	1.72893217	0.49303825	0.80566999	0.58166	0.68265	0.17575	2.02566
	0.744692792	0.76958517	0.94959221	0.33509561	0.45114	0.93963	0.32124	1.41267
1.26475479	0.021239413	1.60536084	0.07340916	1.55120987	0.20987	1.29194	0.01428	2.64017
1.30565528	0.345483123	1.13612379	0.60992385	0.75927734	0.7544	0.75076	0.09101	1.58174
1.07068445	0.462436437	1.02734338	0.58760429	0.84939306	0.8983	0.64753	0.12838	1.30848
1.16593166	0.510638201	1.00027799	0.65719052	0.8109052	0.98335	0.52773	0.01609	1.7906
2.41414124	0.89957261	0.58626482	0.78183641	0.43261399	0.89936	0.51873	0.68435	0.75395
1.16546302	0.455507643	1.04448594	0.73466345	0.64088322	0.61327	0.80782	0.27861	1.20024
1.00975054	0.270723621	1.09397102	0.27781301	1.08642953	0.85816	0.68165	0.06461	1.57828
0.76706267	0.257897256	1.60677132	0.21276514	1.60994301	0.50647	0.69815	0.51641	0.48172
1.27747443	6.2633E-06	2.5503702	0.00030138	3.17508273	0.01005	1.87767	0.00031	3.38992
1.08482664	0.858695155	0.68880695	0.66041131	0.78117819	0.60918	0.87034	0.91751	0.50095
0.74467795	0.375164496	1.0440461	0.337291	1.04570962	0.44987	0.7261	0.57496	0.62897
1.03201301	0.626874149	0.99854176	0.36627185	0.99856165	0.70487	0.76977	0.4767	0.84898
	0.33709535	1.07966268	0.3015716	1.08489859	0.44111	0.94043	0.17357	3.96069
	0.305577168	1.10992129	0.06882486	2.61961425			0.39843	1.04517
1.41245865	0.4444281	1.01609839	0.1166036	1.34458877	0.42664	0.98408	0.43556	0.90027
1.45571276	0.022452968	1.67158538			0.0157	1.81375	0.08692	1.51383
0.70304357	0.767322123	0.47812399			0.52624	0.75341	0.73006	0.4596
0.42628209	0.623676224	0.99699577	0.36712946	0.99696943	0.7814	0.55423	0.27393	1.3111
	0.623731351	0.99848941	0.36585689	0.99846214	0.2596	1.95228	0.24073	1.96949
1.05004606	0.477231092	1.02504201	0.5668936	0.78806013	0.82155	0.63596	0.2408	1.22962
1.43507157	0.214770104	1.07009262	0.09144133	1.30616615	0.38897	1.02177	0.04984	2.31588
1.43046281	0.259285443	1.20583985	0.24156162	1.21497341	0.4516	0.93071	0.23465	1.68075
	0.098345473	3.6132342	0.06108408	3.6132342				
	0.227032318	1.81313602			0.52666	0.72744	0.24799	1.87675
	0.582403876	0.69971778					0.41641	0.69972
0.54976482	0.030119599	1.3757324	0.04279935	1.58089016	0.19703	1.20463	0.07849	1.45899
1.48620734	0.602972663	0.84066171	0.52717737	0.8140229	0.62589	0.71085	0.46547	0.93131
1.15154184	0.277066982	1.13117611	0.14677248	1.31842618	0.81091	0.66668	0.28829	1.1522
0.66893195	0.065485023	1.66117824	0.00728928	2.82945628	0.36469	1.14901	0.58172	0.80429
	0.0279971	2.37165242	0.0264871	2.25988701	0.27012	2.39275	0.14211	3.31684
2.27879002	0.092065507	1.18834291			0.03288	1.56455	0.34091	1.06498
0.91923929	0.48777943	1.01789258			0.13456	1.24787	0.96449	0.51703
1.43294002	0.237869685	1.17373802			0.26225	1.15057	0.23539	1.20698
1.19300906	0.505612308	1.0011924	0.48012672	0.88836907	0.90707	0.59793	0.39265	1.02057
1.94058949	0.001682355	3.26115107	0.00638934	4.05893867	0.10639	2.44622	0.01599	3.13962
1.23911751	0.558215445	0.99556341	0.43717586	0.90915116	0.42326	0.99379	0.21557	1.37574
1.73249656	0.310139357	1.02413893	0.00503153	2.14659104	0.40354	1.00963	0.21126	2.07353
1.28400169	0.404022691	1.12385703	0.56712964	0.75171387	0.60099	0.80634	0.29656	1.25265
0.88265559	0.841248031	0.56531568	0.49477241	0.86476837	0.50423	0.939	0.87337	0.56277
	0.895312931	0.69723737	0.2196771	1.25734468			0.99996	0.1598
	0.41058905	1.54738571					0.38299	1.54739
0.54167679	0.545171494	0.39305976					0.46007	0.39306
	0.570467932	0.54996425					0.5696	0.54996
0.88794447	0.598755346	0.76097299			0.54917	0.72864	0.43081	0.77213
0.82782619	0.932705102	0.63065368	0.54527234	0.8834519	0.64514	0.86213	0.98058	0.4527
0.85581594	0.711103992	0.90205543	0.66412043	0.80455857	0.21298	1.17234	0.99469	0.38742
	0.398853594	1.04179672	0.33948082	1.05525583	0.4323	0.93725	0.55066	0.53903
1.0168458	0.347669175	1.1809022	0.56611808	0.80604592	0.61309	0.83905	0.18991	1.45596
1.44198361	0.620223507	0.99756876	0.3675278	0.99747518	0.62314	0.77882	0.25984	1.22453
1.05740486	0.331591812	1.03023228	0.1425013	1.23316403	0.39717	1.01501	0.57152	0.74568
1.52118896	0.525126769	0.99494255			0.41994	0.99549	0.41312	0.96245
1.46524906	0.392267429	1.19869759			0.64298	0.78491	0.17023	1.99739
	0.397176439	1.26080847			0.39066	1.10652	0.11693	3.16968

0.7629049	0.557539549	0.60634724					0.44556	0.60635
0.87349993	0.368688791	1.07353278	0.11398347	1.28130933	0.6243	0.87211	0.83519	0.69147
1.28536945	0.640847516	0.84808154	0.68294126	0.62386155	0.83209	0.50215	0.28919	1.40851
0.78775698	0.418809984	1.081518	0.4393641	0.89160538	0.69006	0.7005	0.26247	1.24499
1.28630636	0.375837969	1.09983351	0.5866275	0.79947203	0.86074	0.67746	0.05244	1.70266
2.24769515	0.420349911	1.05030105	0.48465637	0.91423083	0.77705	0.74512	0.23538	1.16233
	0.433891322	1.15524911	0.45713231	0.81901701			0.38915	1.20895
	0.317324063	1.10651021	0.32888814	1.09910303	0.39231	1.08675	0.33515	1.48234
	0.079576404	1.77201719	0.04096154	2.00044883			0.35165	1.28164
1.49323238	0.009824334	1.69703509	0.00546811	2.19966583	0.09912	1.44272	0.20877	1.45782
0.61478194	0.546416824	0.78776477			0.58776	0.8127	0.57503	0.54112
0.74673481	0.395140842	1.00504315	0.36091832	1.00521474	0.61379	0.75719	0.67561	0.65362
1.37016134	0.428768506	1.00693613	0.92057418	0.61977055	0.30316	1.08139	0.39345	1.00788
1.60269448	0.576646636	0.99377124	0.37616672	0.98954605	0.44332	0.98072	0.04438	1.90166
	0.526366522	0.69775375	0.51785725	0.69775375				
1.47977326	9.98196E-11	5.8108855	8.7921E-06	8.85663962	5.8E-06	4.27281	3.4E-06	7.30633
3.29782892	0.336807704	1.05303043	0.23783847	1.16144063	0.67158	0.63471	0.39444	1.03037
0.92128599	0.226166264	1.13652591	0.13544216	1.2269644	0.30436	1.12218	0.86839	0.47461
1.02622084	0.703214333	0.75025143			0.74678	0.60775	0.43565	0.89486
1.0008557	0.124360534	1.65764636			0.13064	1.84114	0.21319	1.50776
2.54506301	2.01608E-05	3.34861482			0.00157	3.50186	0.00042	3.24661
1.01902523	0.604658007	0.96692362	0.59875884	0.82155955	0.34261	1.05403	0.96884	0.50644
0.71454645	0.544473202	0.88366534	0.46735451	0.8505344	0.50226	0.87303	0.47632	0.90724
0.5679065	0.467347856	1.01512117	0.3343222	1.07656422	0.54146	0.66298	0.41524	0.96667
0.53963175	0.59252357	0.93685409	0.62398338	0.77513885	0.88664	0.57095	0.2214	1.32291
0.7743717	0.477363105	1.01416864	0.72388658	0.63481617	0.71805	0.60029	0.37773	1.04658
	0.536133219	0.81350317	0.4706818	0.81350317				
	0.127458201	2.45447483	0.08581873	2.45447483				
1.27776399	0.494924165	1.00112626	0.00487429	1.99119332	0.42443	0.99549	0.37187	1.35732
1.47241714	0.800726727	0.61528797			0.96323	0.49025	0.36262	1.28704
0.66223305	0.254957872	1.31634643			0.46547	0.93457	0.20031	1.5006
	0.493654353	1.25724962			0.33884	1.27379	0.41818	0.27207
1.03009219	0.566468318	0.96664906	0.50367757	0.87269972	0.81017	0.72154	0.34645	1.10389
1.96324163	0.002592027	2.54321026	0.00232837	3.47085365	0.02579	2.18056	0.34406	1.45214
1.39640689	0.643604262	0.93764921	0.56920823	0.86252531	0.96355	0.59067	0.22248	1.16382
1.66740141	0.241228585	1.49949644	0.52325381	0.80347956	0.56513	0.64778	0.18018	1.55853
0.52328701	0.432791461	1.02176384	0.26503627	1.08632632	0.9459	0.62162	0.32189	1.07032
	0.052735889	5.6986098	0.02680631	5.6986098				
0.94147313	0.261884726	1.209582	0.01478539	2.14228319	0.86198	0.63791	0.41023	0.87259
2.06228486	5.17472E-05	2.42032766	0.00278621	2.46930192	0.01118	2.25585	0.00215	2.51457
1.72462343	0.611183096	0.91841273	0.41173985	0.93553946	0.58194	0.66594	0.58479	0.78841
1.69477861	0.026603598	5.76804503	0.01077102	5.76804503				
1.06332123	0.526741024	0.9930213	0.88738581	0.62188889	0.25318	1.12569	0.66349	0.82638
	0.022879404	2.59240562	0.00953765	3.89160197			0.14898	1.78384
	0.105829683	2.18880158	0.06726289	2.18880158				
0.96169427	0.495339176	1.03052713			0.37181	1.0347	0.62066	0.75472
0.26504191	0.515410479	0.80341219			0.57803	0.80394	0.50882	0.57968
1.23542838	0.004226018	2.48006655			0.00157	2.61304	0.02264	2.28081
0.79239476								
	0.85240119	0.78930913	0.49600303	0.91073762	0.99913	0.37228	0.1608	1.28712
	0.447265007	1.02295399	0.61211271	0.74939949	0.59347	0.72978	0.40275	1.0305
	0.569272938	0.98800564	0.37824271	0.97799951	0.30093	1.33731	0.33943	1.19997
3.01104791	0.049848474	1.19283767	0.02079419	1.73089399	0.00147	2.30002	0.35571	1.03822
0.83517652	0.280109542	1.13261704	0.12898307	1.30692138	0.23892	1.23808	0.93278	0.47736
0.69393144	0.517612078	0.99682036	0.1180175	1.28238655	0.71942	0.78971	0.95017	0.53457
	0.510310225	1.00424596			0.41595	1.00431	0.65166	0.38448
1.06008308	0.460384831	1.02637512			0.80102	0.72255	0.24473	1.18583
	0.380626701	1.01167464	0.3604524	1.01073366	0.26923	1.62721	0.37362	1.42586
	0.087488533	3.22410862	0.05236752	3.22410862				
	0.545737889	0.4523432					0.45941	0.45234
0.75158822	0.595148408	0.97137758	0.40586841	0.96933504	0.81437	0.70368	0.25564	1.24719
1.48394795	0.126185595	1.13507892	0.08290879	1.40473893	0.3808	1.03269	0.03289	1.69833
	0.201960872	1.43208042	0.21795197	1.5417513	0.26916	1.69825	0.34502	1.24409
1.52080089	0.057502496	2.48158425	0.02648929	3.58126943			0.24904	1.61916
1.06608528	0.013682521	1.66610679	0.03419697	1.71343676	0.13549	1.43461	0.04873	2.0207
1.05452325	0.057745079	1.74246523	0.01710068	2.21296504	0.36797	1.17611	0.50037	0.80565
0.87566696	0.028616301	2.02436064			0.01184	2.02316	0.05462	2.02677
0.70225425	0.294624944	2.40422103			0.00614	2.51938	0.56743	0.72864
0.92214698	0.510749392	1.01079798			0.40603	1.0108	0.50836	0.75869
0.80052556	0.645058644	0.83893399	0.83999959	0.52764305	0.21943	1.7381	0.68809	0.59485
1.0456023	0.490246608	1.00852983	0.38655084	0.95020905	0.64748	0.8047	0.25595	1.17063
1.02919272	0.367017791	1.11569293	0.47829366	0.87109554	0.30929	1.13882	0.40858	0.75383
0.72778493	0.597407223	0.98344807	0.43634492	0.84974159	0.5579	0.67885	0.40398	0.98426
1.69681621	0.419309565	1.06157098	0.49736111	0.88126073	0.76983	0.7761	0.16581	1.32122
1.68877968	0.010562236	2.16729573			0.00822	1.85892	0.00217	3.13019
	0.439420511	1.15453681			0.21349	1.38853	0.81316	0.42517
1.59315308	0.381612396	1.064308	0.55168496	0.77428959	0.39908	1.04377	0.27566	1.46638
1.77220508	0.002015834	2.78119062	0.00568085	3.68081002	0.04448	3.1477	0.04279	2.14205
	0.381533913	1.20613467	0.52085359	0.79140798			0.34678	1.21221
0.98355236	0.60666393	0.99248277	0.37266354	0.99126475	0.44059	0.97477	0.29377	1.14464
0.83291125	0.449561688	1.05188236	0.71722107	0.68149812	0.31757	1.15731	0.4476	0.56422
1.22704495	0.58621448	0.70684622	0.50080557	0.7369885	0.55245	0.71388	0.552	0.63577
0.90483515	0.500022396	1.04019978			0.38347	1.04271	0.57282	0.7311
0.75256838	0.896613565	0.70163255			0.61096	0.88782	0.93061	0.59886
1.01802498	0.003323289	2.63872012			0.00055	2.97436	0.0349	2.16907
0.77430923	0.328838439	1.10274926	0.45634516	0.93633806	0.25717	1.12915	0.65503	0.45532
0.90460754	0.617001216	0.99442166	0.85475565	0.62655674	0.78764	0.71576	0.405	0.99575
0.96709974	0.464054429	1.01081398	0.34357078	1.03298764	0.97924	0.39071	0.32481	1.18663
1.10222185	0.358217542	1.02960423	0.2681831	1.12306962	0.61577	0.81297	0.38434	1.02019
0.94645208	0.00413683	1.71974907			0.00226	2.38613	0.08757	1.39434
1.64626437	0.655991516	0.71562144			0.87135	0.46884	0.23808	2.15978
1.00799195	0.470034933	1.11218859			0.29867	1.12435	0.57511	0.79002
0.89904359	0.520939722	0.9926907			0.24811	1.12552	0.9355	0.57883
	0.075074834	1.97784582			0.11922	2.04749	0.1224	1.92039
0.67702204	0.010232458	1.76687558	0.0030166	2.66741997	0.17812	1.29829	0.08929	2.17434
0.8060388	0.252492406	1.06938003	0.30940059	1.04614306	0.13691	1.26341	0.64799	0.82089
	0.358124112	1.44502928					0.32322	1.44503
1.26481214	0.198682524	1.12689969	0.29411796	1.07547159	0.09863	1.39182	0.43763	0.91294
1.13918117	0.234036532	1.24353225	0.64710436	0.78457043	0.11977	1.38535	0.46841	0.92289
1.4902744	0.011355886	1.56731139	0.01884095	1.72390916	0.01106	1.74876	0.68243	0.80613
1.23665037	0.016695644	8.3379468	0.00575764	8.34720186			0.49308	0.47749
	0.091853724	3.8497997	0.05583558	3.8497997				
0.78369196	0.532354839	0.8316996			0.49177	0.90787	0.52424	0.77578
	0.264197393	4.23561631					0.22018	4.23562
	0.30131418	1.20099247	0.14811103	2.17647289			0.3962	1.08454

	0.60840334	0.9525274	0.38600993	0.9525274				
	0.203213364	1.42664501	0.20218317	1.36029113			0.23622	2.41098
	0.10623527	3.050163	0.07070511	3.02810424			0.39262	4.50616
1.65165488	0.248247625	1.41669071			0.18119	1.48953	0.33319	1.29171
0.71372717	0.261878045	1.16082203			0.26945	1.21799	0.33532	1.12187
1.97247688	0.363825383	1.06971372	0.65860867	0.71381689	0.35461	1.06162	0.24989	1.54041
0.94727992	0.629076229	0.77422876	0.52320921	0.5617864	0.63233	0.74889	0.54746	0.84886
0.503058	0.169591983	1.28375745	0.16350688	1.39238684	0.37649	1.10553	0.19151	1.70197
	0.578242906	0.77136601			0.49292	0.42627	0.44435	0.77204
	0.697894583	0.67500046	0.91121152	0.16887419	0.72296	0.50536	0.22045	2.35182
	0.285913432	2.39956401					0.24343	2.39956
1.0969168	0.016733488	1.57187132	0.02813225	2.16506918	0.03604	1.6401	0.20473	1.27087
1.08003494	0.999930292	0.29515368	0.90251083	0.48867135	0.99992	0.21075	0.98846	0.32122
0.82468105	0.467330386	1.01003756	0.33866431	1.03346684	0.73354	0.63723	0.8979	0.55472
	0.709922501	0.26243713			0.7309	0.26244		
0.76452568	0.36292499	1.0533042	0.31915182	1.05716282	0.55383	0.84029	0.46621	0.91334
1.29387793	1	0.05383348	0.99999825	0.03831541	1	0.05104	0.99999	0.07295
1.07967214	0.792672195	0.58495949	0.77490141	0.36404948	0.74638	0.65045	0.49317	0.90394
0.92022535	0.65006256	0.73234743	0.5512179	0.74573231	0.62137	0.75944	0.60582	0.63749
	0.057146643	1.72380881	0.08062477	2.16838732	0.24149	1.31294	0.06461	2.88673
0.77107998	0.796142172	0.7993617	0.66127463	0.77706088	0.46249	0.96895	0.88837	0.60566
0.97610665	0.837606978	0.75022158	0.68974226	0.7564634	0.73022	0.79143	0.79613	0.69545
1.51959789	0.384948696	1.06835374	0.57904553	0.60886335	0.39406	1.09048	0.38555	1.0633
0.83222459	0.000161747	2.50984883	0.00057818	6.00805546	0.01036	1.87086	0.00675	3.25647
1.674358	0.12468193	1.48455082			0.20078	1.25832	0.03087	2.12756
1.17564189	0.274849729	1.26493731	0.25971035	1.51561079	0.85812	0.44263	0.12709	1.61778
0.49171548	0.422171996	1.0483562	0.03270733	1.56883045	0.66586	0.84143	0.96106	0.53778
1.20704986	0.558796655	0.95961738	0.5526419	0.7770406	0.84838	0.59626	0.27332	1.24811
0.61394304	0.440245698	1.01193894	0.35649727	1.02120251	0.96484	0.29375	0.56542	0.75619
0.85610721	0.634113143	0.96783445	0.37792128	0.97208447	0.89319	0.39396	0.34114	1.20181
	0.311931997	2.13426031	0.44963325	0.80932477			0.14559	7.24971
1.14310536	0.252985036	1.47344292	0.20536763	1.4829273			0.46599	0.6227
1.24901133	0.055369097	1.41378616	0.17548012	1.23354425	0.53171	0.9264	0.01834	1.98157
	0.360846968	1.91558267					0.32629	1.91558
	0.376921469	1.38472734					0.3445	1.38473
	0.347805182	1.62795193					0.31162	1.62795
	0.705252606	0.73448876			0.95469	0.35782	0.15991	2.0628
0.71284464	0.445225618	1.06607678	0.10594654	2.20635283	0.62205	0.84325	0.67061	0.78685
1.21942612	0.427549621	1.03784555	0.32010261	1.08148246	0.91059	0.52678	0.20531	1.50002
1.9863594	0.000142412	2.16450771	0.00418099	2.67402779	0.02621	1.63748	0.00073	3.05171
1.92015839	0.498617358	1.01149152	0.40747406	0.91358005	0.72256	0.6742	0.08862	3.11064
1.68435538	0.145797994	1.1059316	0.05303708	2.24184165	0.39568	1.02209	0.00044	3.19228
1.10320739	0.571944358	0.98941022	0.35687825	1.40888297	0.49378	0.94862	0.4195	0.98801
0.86518176	0.779922013	0.77572439	0.56845313	0.7538906	0.71717	0.79837	0.73966	0.7483
1.37672613	0.001120017	3.45087935	0.00019132	4.75123978	0.16618	2.24679	0.17342	1.98315
0.96281259	0.633755801	0.75309988	0.48644244	0.8899555	0.52432	0.8621	0.64429	0.73384
0.32034772	0.171305729	1.18628374	0.26697547	1.10212736	0.59882	0.80511	0.00743	4.43428
0.61278946	0.713509662	0.76497111	0.68968079	0.75737292	0.49131	0.88196	0.65073	0.77417
1.39857077	0.101321502	1.31564459			0.11152	1.32092	0.1447	1.30914
1.06305104	0.617949692	0.73319262	0.53998658	0.65572242	0.6751	0.6252	0.29845	7.93811
0.75077428	0.30768762	1.22459864	0.26273034	1.23077097	0.44374	0.47924	0.52105	0.70071
0.66922363	0.003433197	1.90538903	0.00760454	2.30532015	0.1078	1.46895	0.02234	2.29606
1.14688968	0.368337566	1.1853256	0.67189203	0.38202512	0.50362	0.91927	0.30202	1.23415
0.57849977	0.67360034	0.61889468			0.75223	0.60189	0.61055	0.68026
0.91401618	0.324472136	1.18367159	0.47590777	0.79994058	0.56824	0.8813	0.24085	1.25868
2.96405605	0.039058835	1.49267326	0.05687582	1.72048915	0.11744	1.33808	0.15616	1.95167
	0.360771313	1.06686379	0.50585804	0.79844542	0.38955	1.04213	0.20535	1.73443
1.4598989	0.279016901	1.40214869	0.60055821	0.57580311	0.54986	0.73058	0.20243	1.50477
	0.428979073	1.00013256	0.39542898	0.94126245	0.71313	0.56201	0.40384	1.00013
0.98568983	0.389544395	1.08586474	0.37437366	0.74002596	0.23184	1.20937	0.69043	0.75945
	0.237382269	1.36631365			0.26925	1.30996	0.23383	1.44533
0.85859363	0.025296986	1.42313309	0.1717653	1.32422611	0.0693	1.41021	0.05904	1.5319
0.78479753	0.438634038	1.03096124	0.46956375	0.77843958	0.34977	1.0588	0.72165	0.72745
1.74562635	0.659679425	0.95349816			0.8078	0.41385	0.42215	0.97101
0.75251725	0.60317464	0.86579051	0.60375547	0.82604639	0.5475	0.91185	0.50719	0.91562
0.94012614	0.384253025	1.09374275	0.42630717	0.88893928	0.86145	0.58029	0.11368	1.43239
0.94657604	0.465245882	1.02690646	0.80107912	0.68288053	0.21768	1.19621	0.72464	0.65335
1.05546986	0.494815697	1.0068228	0.58897144	0.78471796	0.81675	0.69235	0.33639	1.06663
1.04566494	0.98413574	0.45735308	0.74398722	0.68257916	0.99433	0.38753	0.50672	0.73436
0.9061117	0.09432884	1.88498736			0.60088	0.60016	0.10098	2.06902
1.32708984	0.354849317	1.02172453	0.42151	0.87095793	0.39973	1.01191	0.08873	1.43153
1.08341967	0.392761744	1.0194336	0.34819897	1.02199377	0.8499	0.68204	0.15415	1.59227
	0.224628471	1.22290705	0.27646203	1.25368387	0.3342	1.12924	0.18265	2.05948
1.06120014	0.228347932	1.12510628	0.51087434	0.89311168	0.24038	1.14194	0.28112	1.11032
0.74272471	0.433529148	1.03057743	0.67760945	0.80640704	0.31166	1.07187	0.66459	0.78545
1.38762991	0.316042723	1.1120526	0.58563657	0.74413244	0.45028	0.97321	0.09478	1.52889
	0.178314942	3.0765245					0.13285	3.07652
	0.503283444	1.0719213			0.54473	0.77647	0.3871	3.38881
	0.512977296	0.80966643			0.49785	0.80967		
	0.229123486	2.09538853					0.18353	2.09539
4.13660854	0.047286843	2.43779504			0.61799	0.59788	0.04351	2.95271
	0.027807582	1.88933026	0.03395386	2.83534709	0.79719	0.6914	0.00078	4.33389
0.76909653	0.643011698	0.92449178	0.91628135	0.59648306	0.95216	0.56564	0.0184	1.94468
0.87775559	0.736862364	0.80421505	0.52959017	0.88001448	0.64631	0.83941	0.73062	0.77266
	0.778093321	0.35155414	0.80639636	0.35155414				

1.1483425	0.221107068	1.06993804	0.34824164	1.03525304	0.32877	1.06442	0.07226	1.48931
1.45883893	0.44846952	1.06744401			0.44286	0.97254	0.08511	1.98576
2.83827322	0.094189888	1.25715783	0.14479176	1.22046805	0.94759	0.62496	2.7E-05	4.51724
0.90215682	0.397721294	1.05689853	0.6357229	0.82347451	0.25909	1.13484	0.40963	0.92095
1.19801111	0.548858024	0.99189973	0.38185315	0.97716744	0.7059	0.80755	0.12764	1.41019
	0.846113079	0.08806075			0.87749	0.08806		
1.95442013	0.148018042	1.49083441	0.03999623	4.51043154	0.33679	1.15973	0.14782	4.50236
1.3319037	0.431935385	1.07689319	0.6327454	0.73965763	0.72857	0.70767	0.17718	1.47969
1.08058884	0.719799996	0.79368527	0.67340804	0.75554905	0.6544	0.80024	0.60679	0.83151
	0.25856239	1.78136512					0.21421	1.78137
0.8718603	0.382335464	1.00914648	0.36223134	1.00844342			0.36877	1.08484
0.98033571	0.412017111	1.02720007	0.33831949	1.04358349	0.76218	0.79522	0.36012	1.09971
1.23090768	0.239131258	1.3261199	0.45357846	0.80604592	0.543	0.89245	0.1629	1.41022
1.08302025	0.419111048	1.02266277	0.43087916	0.77740477	0.44968	0.49874	0.38808	1.02374
1.44426286	0.009997381	2.2574915	0.00490739	5.12856229	0.13795	1.59333	0.07329	2.1687
0.72062789	0.495251831	1.00569583	0.23812425	1.10539713	0.75433	0.80064	0.82513	0.70973
0.48844779	0.575047704	0.67431641	0.57497003	0.67431641				
1.17657046	0.601958428	0.93072807	0.90175827	0.60979704	0.58535	0.86752	0.11591	1.7036
0.51451949	0.651589571	0.4641322	0.6641688	0.4641322				
1.58883196	0.567311106	0.92587356			0.82495	0.46644	0.28835	1.44251
	0.692335337	0.85561514	0.42955519	0.87172034	0.96695	0.44813	0.15426	1.52595
0.98656135	0.299561587	1.18870172	0.41857213	0.86813351	0.85971	0.65497	0.00951	2.72515
1.37577286	0.441192866	1.02328932	0.69184801	0.72915933	0.56223	0.85815	0.37448	1.03724
0.42335503	0.58322508	0.9759844	0.38093541	0.96524786	0.77983	0.50324	0.1584	1.88023
0.90634589	0.681239001	0.91680862	0.39071235	0.95120128	0.81896	0.51092	0.42626	0.90079
	0.583707264	0.60481102	0.58484935	0.60407144			0.4929	0.67418
1.86515898	0.123910041	1.75927447	0.50805788	0.72288989			0.08256	1.76028
1.20918564								
2.09247609	0.203603808	1.13042238	0.27903377	1.08214823	0.46629	0.96504	0.05326	1.8939
	0.678547481	0.66767079	0.43198465	0.85251629	0.75548	0.35445		
	0.696956849	0.52579522			0.92612	0.4095	0.26081	2.77122
0.34995367	0.612058828	0.98506633	0.37362378	0.98366851	0.827	0.49032	0.34653	1.10675
2.18276929	0.579177962	0.98088741	0.94281695	0.44518192	0.43025	0.98268	0.08444	1.99262
0.68947636	0.40678263	1.06649185	0.58076582	0.73111015	0.30069	1.1258	0.64952	0.80665
	0.252531773	1.38765843	0.27162676	1.29300547			0.2207	2.75982
	0.368989055	1.82675046	0.54697747	0.66219827			0.30247	2.23226
1.26822437	0.286640864	1.21296509	0.77342616	0.65589248	0.57276	0.87414	0.07318	1.67919
	0.420726294	1.22586855			0.39467	1.22587		
	0.55039002	0.69606376					0.45395	0.69606
	0.576523813	0.61813237					0.4233	0.61813
2.16435335	0.429940978	1.02327285	0.64444042	0.49510996			0.39794	1.02518
1.23839456	0.190321206	1.25782719	0.26357461	1.20409083	0.20874	1.62751	0.29869	1.22101
1.23377924	1	0.0929988	0.99999987	0.05542177	1	0.13198	0.99999	0.07562
0.89718488	0.65126809	0.72102253	0.57331297	0.75786167	0.6199	0.6233	0.5993	0.75619
0.94033975	0.598912944	0.8361157	0.43340454	0.87352961	0.59948	0.61316	0.47016	0.87611
0.59006857	0.349735066	1.19160934	0.28533661	1.23362111			0.62298	0.59485
	0.958778117	0.17810356	0.97889527	0.16747111			0.4748	0.76315
	0.774047524	0.8325573			0.99153	0.19106	0.36871	1.10778
1.8328932	0.604538635	0.98951572	0.37019168	0.98748409			0.22654	1.5008
1.22407219	0.9068597	0.69956831	0.5103799	0.81553999	0.99941	0.35666	0.09319	1.59064
0.83128237	0.67342761	0.84500038	0.53674888	0.82000196	0.63763	0.85663	0.63213	0.82822
	0.579048206	0.87743313	0.56496129	0.65637893			0.43445	0.89498
1.22759637	0.426798169	1.16681538	0.43793653	0.86615042	0.58941	0.66833	0.25355	1.87771
1.67034985	0.315696916	1.07288615	0.34494311	1.04991143	0.50118	0.90419	0.20058	1.49144
0.79309793	0.3473789	1.22527152	0.24501202	1.36049093	0.60481	0.67213	0.6088	0.64748
1.01875448	0.753193794	0.9481537	0.37500659	0.97786282	0.9196	0.35583	0.98633	0.35367
1.24826138	0.816567138	0.75489037	0.47397533	0.8174559	0.99476	0.35468	0.16368	1.44497
	0.587699185	0.89792803					0.41021	0.89793
0.91699117	0.570637044	0.97863261	0.81091642	0.64614831	0.34974	1.05234	0.87612	0.59521
2.15678718	0.190997512	1.27822112	0.47950071	0.91317465	0.90748	0.64672	0.00203	2.60886
0.93947201	0.754534317	0.74269486	0.66818784	0.74248097	0.55353	0.88343	0.74647	0.70025
	0.512343871	0.9993682	0.41311356	0.89314754	0.42955	0.96179	0.31935	1.19881
0.95735938	0.547070251	0.96686035	0.46528048	0.74881587	0.77531	0.60406	0.38126	1.11646
1.17702334	0.704232561	0.82772589	0.61391208	0.59119869	0.97888	0.23696	0.33937	1.16156
	0.519915536	0.64576069					0.51029	0.64576
	0.185894746	2.59307663	0.50910626	0.72869063	0.53722	0.61678	0.13232	2.72219
0.29688758	0.509488451	1.00099039	0.31848284	1.10731406	0.91309	0.41775	0.53532	0.82947
	0.371465068	1.44397779					0.3383	1.44398
	0.578340708	0.59308537	0.57732682	0.59638037			0.51674	0.43452
0.9907285	0.023802132	1.49064784	0.01375464	1.76613344	0.92076	0.63317	0.00122	2.57768
0.89972302	0.869297792	0.71709469	0.7447703	0.73304826	0.65094	0.82449	0.86467	0.64621
0.83803847	0.533885583	0.99253591	0.26137942	1.08364413	0.85077	0.70979	0.8253	0.70733

0.78748546	0.406605487	1.01707779	0.35388884	1.02081559	0.78262	0.53842	0.44789	0.90537
0.76801959	0.178420068	1.30029021	0.15193373	1.47644487	0.79685	0.58142	0.13284	1.46025
	0.265299541	1.71669935	0.60112115	0.57584179			0.18383	1.9563
0.75006741	0.300948163	1.26593941	0.42834722	0.87477519	0.7496	0.55891	0.08984	1.90998
0.69563408	0.651009471	0.59751567	0.62230269	0.62787619	0.61194	0.52741	0.52703	0.6566
1.20551798	0.351847461	1.1597713	0.30569234	1.50250496			0.37988	1.10818
0.93601735	0.260920415	1.25286265	0.51002077	0.81136843	0.78799	0.58833	0.10454	1.49401
1.14419007	0.36953404	1.16417272	0.6249298	0.67759382	0.8589	0.5046	0.07241	1.97277
	0.549858195	0.97855337	0.38968985	0.94481298			0.33476	1.26244
0.89614393	0.178519242	1.1389363	0.01303168	2.24035285	0.3861	1.03674	0.15717	2.63498
	0.157164925	2.93724883	0.62865043	0.52170012	0.46578	0.40696	0.06229	4.64022
0.89682086	0.194537536	1.38885104	0.69553646	0.61165411	0.64621	0.6942	0.06675	1.70396
0.97756807	0.469013512	1.03049305	0.41862558	0.83167453	0.88663	0.65154	0.06862	1.70266
	0.300964188	1.88199868					0.25977	1.882
2.97909528	0.081598441	1.64980678	0.4279115	0.87411783	0.15494	1.52701	0.03642	2.6066
	0.396866491	1.1068144					0.36725	1.10681
0.74564101	0.555534273	0.99472364	0.37210694	0.98431101	0.5847	0.72747	0.395	1.0197
0.63802542	0.496243075	1.00700724	0.13069675	1.24040522	0.59555	0.88819	0.96436	0.52758
0.95409174	0.391113525	1.12020334	0.57410039	0.79143012	0.62516	0.79841	0.26089	1.26907
0.71509201	0.77595924	0.64083088	0.60131726	0.74264813	0.77322	0.61969	0.63873	0.60686
0.94223777	0.214258388	1.37419311	0.18920712	2.11442475	0.57739	0.75159	0.22927	1.31615
1.24910026	0.43033365	1.020697	0.33873847	1.03880239	0.9183	0.61237	0.21963	1.31378
0.85880226	0.483245987	1.02627389	0.93632398	0.43900859	0.60308	0.73337	0.08601	1.75902
	0.747931515	0.38218389	0.77340514	0.38218389				
0.99142346	0.16556926	1.43001405	0.49019628	0.82706789	0.74905	0.71491	0.02266	2.16577
1.15266399	0.6401878	0.75648444	0.45727421	0.86407017	0.6518	0.71841	0.50157	0.88336
0.96193637	0.027227546	1.41268152	0.05814999	1.54012632	0.24564	1.16914	0.02797	1.7713
0.90137104	0.621250066	0.81210776	0.61719756	0.8073392	0.54134	0.84974	0.53959	0.77601
0.87843024	0.03717306	1.58989545	0.03885128	2.33053886	0.23939	1.25242	0.07038	1.76398
	0.463058691	1.0429401	0.54709351	0.67870048	0.77429	0.55259	0.31791	1.16508
	0.881095837	0.38258716	0.60399988	0.54142528	0.95738	0.23752	0.3228	2.1566
0.72493001	0.533214673	0.99116976	0.38390334	0.95022176	0.26239	1.17037	0.75273	0.70586
	0.440965205	1.19167078	0.6341943	0.54810467	0.33512	1.51069		
1.36518756	2.17625E-08	5.64418004	9.3915E-06	9.89721476	0.00072	3.79756	4.9E-05	6.0195
0.85658787	0.467269647	1.02173907	0.91817277	0.62540654	0.17315	1.19808	0.49737	0.93487
	0.744770841	0.61754808	0.89872288	0.37763434			0.25072	2.32399
0.3423045	0.394559944	1.00069804	0.3647662	1.00069721	0.81955	0.39041	0.3797	1.08883
0.73214281	0.558639533	0.97233285	0.85346347	0.56216584	0.45097	0.93092	0.37018	1.07974
3.10241414	0.387938678	1.22801987	0.66778829	0.55133801	0.48623	0.84974	0.27253	1.45485
	0.543051555	0.8132702	0.46256242	0.8132702				
2.75044775	0.000320421	1.97097863	0.02798146	1.6678668	0.02793	1.64624	0.00012	4.16224
1.20473856	0.078697411	1.79186849	0.55090669	0.79256136	0.59462	0.84366	0.01631	2.34759
	0.398567344	1.22126296	0.477939	0.79261518			0.3649	1.23225
	0.48999373	1.01998629	0.82070568	0.51808654	0.56869	0.79665	0.27621	1.2454
	0.346529569	1.0692216	0.34179763	1.05687037			0.1669	4.09799
	0.340759932	1.69236167					0.30374	1.69236
0.96820478	1.21317E-06	2.71864759	7.6712E-05	3.40576323	0.00011	3.29035	0.01158	1.93878
	0.526128593	0.9950894	0.16616746	1.75017174	0.57858	0.46496	0.40892	0.97411
1.11563722	0.500748694	1.0070816	0.66826386	0.75187093	0.8587	0.56044	0.21911	1.24036
	0.843640809	0.2572264	0.8750038	0.2572264				
0.92004304	0.545999042	0.9869828	0.38540753	0.96221086	0.6401	0.76086	0.11943	2.10082
1.06799261	0.357192828	1.01270378	0.35692566	1.01014019	0.7844	0.74776	0.02864	1.88853
0.93546852	0.425596271	1.1000203	0.70205535	0.62386155	0.50418	0.7774	0.29889	1.24598
1.40866772	0.415176143	1.0613475	0.53653361	0.87466846	0.89079	0.61606	0.12654	1.33313
1.45231474	0.289233926	1.0443742	0.34653896	1.02643121	0.6883	0.83036	0.04067	1.64569
	0.079814656	2.66152096	0.11588251	3.50344112			0.11075	2.3543
1.35939337	0.403331812	1.06532602	0.42762602	0.89901648	0.56649	0.8604	0.32365	1.10416
1.14587574	0.811489937	0.73171872	0.78860757	0.63430758	0.65641	0.81267	0.70987	0.74192
	0.706379023	0.69016192	0.47792597	0.84718193	0.7637	0.52612	0.44383	0.88287
0.91183339	0.201162341	1.40410193	0.143715	1.44121546	0.4818	0.9083	0.53624	0.82821
1.2519773	0.686440055	0.94403693	0.75552811	0.69863794	0.98193	0.52936	0.35157	1.04586
	0.284366763	2.24374403					0.24176	2.24374
0.8720763	0.356916485	1.28355695	0.46392933	0.7802476	0.57889	0.73412	0.27444	1.42327
	0.478146064	1.03557311	0.7634686	0.42589564			0.37074	1.13292
0.7657847	0.077873294	1.66257139	0.16720872	3.31706649	0.18539	1.41851	0.09559	1.93311
0.88829148	0.656235968	0.98604172	0.37719376	0.98911692	0.43794	0.98727	0.84748	0.69027
1.38287066	0.996944091	0.46167321	0.63723673	0.50034132	0.99904	0.36105	0.89864	0.62621
0.75575686	0.329356219	1.02317543	0.11484469	1.43673649	0.40479	1.01029	0.14866	1.35609
0.65895451	0.336850432	1.05351939	0.29384673	1.11161786	0.4824	0.67478	0.38519	1.03414
1.05929539	0.52277579	0.99694889	0.56989954	0.7540731	0.92359	0.58568	0.37189	1.03057
0.73709131	0.585125157	0.99827477	0.52281681	0.88509807	0.41989	0.99841	0.80977	0.69887
	0.399366858	1.11229203	0.64575798	0.6078925	0.55093	0.80978	0.31926	1.17186
	0.556189251	0.98164202	0.98417671	0.42262564	0.18381	1.45462	0.3605	1.05853
	0.579420156	0.66424253	0.58182023	0.63884701	0.48955	0.86309		
1.36326406	0.426945958	1.07096181	0.62489871	0.68264005	0.79071	0.73402	0.08279	1.79616
	0.485140159	1.03652722	0.51230945	0.7601643	0.3219	1.54667	0.43021	0.90902
2.02149272	0.061358726	1.77701459	0.0380646	2.37000849	0.19052	1.43206	0.3448	3.93311
1.1216284	0.516789801	0.99701897	0.48714721	0.89548518	0.37314	1.06527	0.78994	0.68808
	0.676494377	0.80069194	0.67579001	0.7401859	0.56683	0.87687	0.58512	0.82152
1.65103096	0.394697414	1.01737186	0.24528917	1.31965583	0.55636	0.82634	0.39439	1.01355
0.47113887	0.331619704	1.14442142	0.2895734	1.14837403			0.45912	0.75481
	0.432423993	1.01670559	0.41191894	0.93053552	0.40661	1.01747	0.20912	2.48558
0.59911708	0.46755277	1.06331947	0.46086842	0.8626515	0.56106	0.83959	0.39592	1.16054
1.17031643	0.267542637	1.54025342	0.48978051	0.77991359	0.72006	0.53208	0.10427	2.32204
	0.648902613	0.85580829	0.62463794	0.65244205	0.91136	0.32397	0.37139	1.15593
1.05145065	0.371023295	1.13848304	0.49333648	0.72988519	0.7943	0.69273	0.085	1.80479
0.58834761	0.389580406	1.00900586	0.35734267	1.00911438	0.55416	0.86462	0.53303	0.83225
	0.366079776	1.27619528	0.53005114	0.71803638	0.45057	0.90116	0.23536	1.74228
1.05460613	0.844153574	0.71797144	0.71085667	0.76360548	0.85005	0.63643	0.61893	0.82877
1.13318558	0.261232649	1.11105621	0.66172863	0.78457043	0.26087	1.13137	0.26207	1.13507
2.41145706	0.221687965	1.31108776	0.72282874	0.70171167	0.52802	0.91515	0.07161	1.65709

	0.578578264	0.85406897					0.42089	0.85407
	0.589842189	0.98204132					0.4077	0.98204
	0.405533247	1.05957036	0.40722364	0.94373679	0.30012	1.17229	0.25577	1.60122
	0.468314611	1.03364996	0.40200917	0.92884324			0.23045	1.51291
1.1074607	0.465540696	1.05403961	0.42152599	0.90260096	0.61299	0.74094	0.23064	1.72174
1.75012636	0.60363759	0.99682471	0.36850377	0.99611943	0.32013	1.09568	0.04385	2.83555
0.88191068	0.5155239	0.99737433	0.67467116	0.73526145	0.44285	0.9665	0.2735	1.3495
	0.41615644	1.93576362					0.3894	1.93576
	0.356204528	1.46353006	0.50012954	0.74177627			0.32106	1.46353
	0.008914294	2.84573851	0.07664334	2.70736216	0.06253	2.23206	0.01831	5.47795
2.37165014	9.26255E-06	2.90642977	0.00149893	2.98710031	0.00736	2.28481	0.00029	3.9191
	0.506188301	1.00861374	0.37565016	0.70645088	0.30749	1.69579	0.43853	0.86517
1.550826	0.113755735	1.48795415	0.47054654	0.90002594	0.2449	1.26669	0.05417	2.18267
	0.080919758	1.74334874	0.00910824	5.0178947			0.2746	1.25594
	0.604394279	0.94803504	0.39069051	0.94803504				
	0.58747367	0.72053723					0.41048	0.72054
0.65778879	0.559677086	0.99199403	0.1862801	1.56044495	0.54555	0.76812	0.40426	0.9864
0.27907294	0.387357068	1.02655591	0.35634163	1.02656328			0.51054	0.5954
0.93768101	0.015441468	1.52263716	0.01431805	1.92988777	0.29331	1.13723	0.01748	2.08994
0.66201242	0.518192778	0.99107118	0.62808862	0.68735833	0.66215	0.69457	0.34568	1.24579
0.74759506	0.492668221	1.00737647	0.39409482	0.96109488	0.65309	0.74043	0.15023	1.47984
0.81926806	0.442157995	1.05669439	0.60057141	0.7243823			0.39588	1.0761
0.68301437	0.860846689	0.68125052	0.57097001	0.81835816	0.70975	0.77518	0.88299	0.58395
0.50267023	0.058318278	3.5783102	0.02812245	3.72254202			0.54766	0.57
	0.653093909	0.96184768	0.98350335	0.1229936			0.40797	0.97901
	0.590666062	0.98677798	0.5165935	0.71286498			0.40685	0.98679
	0.586757921	0.94471432					0.41131	0.94471
1.22774677	0.271316395	1.18908301	0.43695441	0.93715358	0.65183	0.78752	0.08906	1.53345
1.12586751	0.403035355	1.22191389	0.48564508	0.80340049	0.45551	0.80941	0.35016	1.29251
0.85392292	0.353785193	1.02019564	0.34858777	1.01829253	0.38648	1.02973	0.52789	0.87337
1.46363356	0.00018046	1.98634847	0.00044248	2.5982628	0.101	1.39191	0.00208	2.40417
0.37164568	0.322523075	1.12140617	0.31265945	1.10926873	0.50891	0.81973	0.36761	1.22468
2.26496856	0.413923591	1.04506304	0.41278065	0.95748436	0.83544	0.67016	0.05172	1.63797
0.37564819	0.596516319	0.89261355	0.58113268	0.60647604	0.43797	0.92347	0.42905	0.83409
0.85602722	0.408701611	1.10652561	0.60422849	0.74299985	0.68561	0.69306	0.24148	1.31821
0.8214831	0.269338893	1.17736637	0.16948945	1.58831004	0.4414	0.95508	0.22348	1.3409
0.90062458	0.31990793	1.20590948	0.51538246	0.80459062	0.76928	0.59237	0.1513	1.45259
0.93632904	0.585320639	0.91450293			0.48865	0.82639	0.43874	0.91518
0.80245411	0.879348093	0.55322556	0.85641187	0.54120918	0.79356	0.56802	0.51146	0.8364
0.88300782	0.781878251	0.68675012	0.77982438	0.66924414	0.64018	0.66444	0.60231	0.7733
1.04069216	0.24219164	1.51818721	0.48217763	0.81768855	0.63704	0.74716	0.09201	2.25442
0.78855214	0.349441273	1.14508713	0.41955247	0.91066201	0.59591	0.69772	0.19887	1.35604
0.51961712	0.438532544	1.05840354	0.43959898	0.90485981	0.69827	0.70068	0.28276	1.2018
0.78898322	0.526997665	0.99876073	0.3752649	0.98736258	0.4118	1.00797	0.46895	0.91153
	0.393341752	1.32725122	0.46921868	0.77053475			0.35217	1.372
	0.400947523	1.00908437	0.34299699	1.05487862			0.40223	1.00703
0.74271772	0.403994185	1.05844976	0.77984572	0.64690785	0.21561	1.49329	0.37285	1.06806
1.23173106	0.034031797	1.81856145	0.02256199	2.26837111	0.28462	1.5766	0.16952	1.4961
1.01145739	0.284084711	1.2863491	0.49382574	0.84155291	0.63992	0.78159	0.14851	1.55122
	0.627166557	0.5107174	0.63585105	0.5107174				
	0.615325442	0.88621275	0.63688146	0.54725019			0.40593	0.90943
0.67478182	0.771188666	0.72771708	0.43894729	0.86827818	0.57046	0.89575	0.83807	0.57422
0.77337952	0.4321295	1.08275107	0.39772237	0.80911292	0.64877	0.70673	0.27903	1.27308
2.07865063	4.42195E-07	3.6169225	2.1925E-06	6.32644054	0.02648	2.00089	0.00011	4.33324
1.00915442	0.447935414	1.04179517	0.74181067	0.65713816	0.56507	0.81546	0.31856	1.11891
0.96985407	0.330810236	1.02014295	0.20028411	1.17714118	0.40619	1.00896	0.12024	1.38001
0.42848929	0.29786932	1.22668494	0.22522497	1.28516197	0.46038	0.90224	0.55829	0.75728
0.94643458	0.465795362	1.03796372	0.5217881	0.88309668	0.22409	1.29466	0.80635	0.64858
0.88821679	0.416877347	1.11979778	0.69004874	0.59277843	0.56199	0.59835	0.29647	1.2678
	0.579769085	0.60717664	0.57694767	0.60529917			0.476	0.6246
1.00974726	0.407749241	1.08365301	0.34516552	1.1265426	0.64107	0.8023	0.29869	1.92033
0.62797312	0.375205534	1.02295651	0.0217037	4.52336078	0.64194	0.42877	0.39597	1.01492
	0.410501105	1.19477787	0.53962008	0.71219567			0.37439	1.21449
1.14361685	0.155896415	1.17784484	0.26590135	1.10367628	0.5995	0.86575	0.05589	1.57818
0.69709222	0.589922313	0.82038434	0.57761417	0.80321603	0.54826	0.83663	0.47978	0.87014
0.64977379	0.925293224	0.61594751	0.60940656	0.8415696	0.68947	0.71396	0.95587	0.52362
0.8344478	0.625787451	0.99967936	0.36526912	0.99967815	0.54509	0.53997	0.25374	1.36959
0.58252852	0.37820732	1.01803187	0.34296651	1.0214681	0.43887	0.98041	0.39146	1.03379
0.98171352	0.484502332	1.01417045	0.65884512	0.70365618	0.4319	0.96368	0.2742	1.23486
0.90069797	0.348247659	1.09143429	0.60276588	0.77379203	0.56759	0.86271	0.27592	1.11686
1.0368793	0.430992554	1.04699846	0.65178345	0.70285515	0.59518	0.79093	0.35001	1.08142
0.96410261	0.02039708	2.2066951	0.01707292	2.61231081	0.15497	1.78009	0.20393	1.98405
0.87502854	0.727825471	0.74168636	0.681905	0.77336846	0.51024	0.93582	0.69778	0.66449
0.79184311	0.518225539	0.99822903	0.39640607	0.97563355	0.13033	1.29912	0.82114	0.69039
	0.603836418	0.67562756	0.60865795	0.67562756				
1.09728928	0.019994916	1.75090349	0.08334743	1.60007811	0.27503	1.5386	0.02399	1.97918
	0.651461567	0.88394821	0.3741176	0.65674809	0.90836	0.41784	0.39149	1.09686
0.52524528	0.399596733	1.06509612	0.46230466	0.92913883	0.26152	1.14333	0.74894	0.68434
1.00983176	0.299026552	1.05233395	0.34526417	1.03298764	0.66131	0.67644	0.12291	1.41806
	0.511350044	0.99994985	0.70912539	0.54215687	0.39861	1.02972	0.41714	0.97552
	0.435568584	1.14860221	0.66029302	0.49573152			0.34381	1.30819
0.74222282	0.358729604	1.05674959	0.15799399	1.18850265	0.19539	1.18043	0.989	0.44516
0.83677032	0.440293677	1.01586477	0.4234262	0.94057641	0.61222	0.75787	0.38749	1.02251
0.90372633	0.330907194	1.24500168	0.41203121	0.89897254			0.08943	2.69713
0.69067487	0.320684242	1.17955168	0.42329477	0.9025366	0.28261	1.42344	0.27723	1.27129
0.71880338	0.34094071	1.16429318	0.51374488	0.82199161	0.46291	0.8992	0.28806	1.18754
0.75746165	0.406260544	1.0826523	0.43875561	0.86987001			0.35596	1.10341
0.87631079	2.84836E-05	2.50985282	0.00018557	3.02742196	0.0022	2.77028	0.03968	1.82523
0.86829585	0.017693612	1.6303361	0.02455426	2.02727883	0.15915	1.34684	0.06984	1.73799
1.18638183	0.812268825	0.73573347	0.84893038	0.63869969	0.65487	0.83461	0.47715	0.928
1.18223899	0.117747892	1.20033477	0.15388602	1.28352762	0.28883	1.10814	0.15378	1.30572
0.7408743	0.330109784	1.16168045	0.46554098	0.87691002	0.35115	1.11842	0.25148	1.81195
0.87674942	0.44611544	1.00147714	0.72380182	0.66110547	0.41577	1.00164	0.4155	0.97552
0.75011369	0.528070399	0.99273283	0.44481787	0.9448626	0.27122	1.10717	0.9515	0.46973
0.69135592	0.370063626	1.02923143	0.50797954	0.85048756	0.31942	1.11514	0.38339	1.02144
0.7928201	0.889479888	0.62292607	0.60356761	0.80496275	0.52718	0.9196	0.9286	0.56625
0.81565496	0.195645476	1.42449689	0.47552999	0.86487296	0.65628	0.74774	0.07761	1.74612
	0.371326483	1.15447929	0.56626043	0.65215163	0.39248	1.105	0.27887	1.90543
0.81485398	0.372855716	1.15814965	0.63539359	0.66161285	0.50607	0.87447	0.29402	1.22388
0.76320079	0.728851598	0.74895291	0.48823013	0.63876737	0.54021	0.91172	0.76287	0.7098

1.04717331	0.40443622	1.08636125	0.56172909	0.80177134	0.25311	1.2098	0.76697	0.589
0.81247166	0.374446649	1.50392978	0.33026879	2.47855606	0.48417	0.86677	0.40183	1.34953
0.93118792	0.137744314	1.43553139	0.58144368	0.78767317	0.69417	0.75088	0.02773	1.87633
	0.401337259	1.28095098					0.37237	1.28095
	0.599893857	0.97137089	0.37844096	0.95932564	0.40491	1.07926	0.41846	0.95127
	0.436250422	1.06905068	0.59288162	0.67577841			0.39441	1.08585
1.00062254	0.270232403	1.21644433	0.4346043	0.93005209	0.44905	0.88122	0.12313	1.48931
	0.612365996	0.73130928	0.38410733	0.65243298			0.44819	0.82428
1.25383017	0.112381684	1.27169171	0.17352102	1.23380031	0.22308	1.35531	0.20115	1.29725
0.78013994	0.680048894	0.72103041	0.60782464	0.71098642	0.72601	0.62149	0.36891	1.96568
	0.625523023	0.8176813	0.40214912	0.82942748			0.40591	0.79987
1.02200913	0.58536301	0.92957577	0.70618474	0.68098416	0.70102	0.7308	0.31572	1.26185
0.95801578	0.334779394	1.18252208	0.55701095	0.75304075	0.68724	0.7394	0.17106	1.42364
1.02945956	0.266826487	1.07884428	0.34093319	1.04564855	0.28007	1.35372	0.21972	1.24087
	0.53609239	0.53731087					0.47073	0.53731
0.90335034	0.001358389	1.80691897	0.00455246	1.96136545	0.07725	1.62409	0.02339	1.76205
0.72006257	0.608732982	0.95407986	0.4312535	0.93357875	0.61884	0.82769	0.43561	0.97052
0.81915569	0.457682528	1.02842577	0.54818479	0.8232799	0.3306	1.0854	0.80969	0.57425
1.13360452	0.181884623	1.35619008	0.20310272	1.29150577	0.52588	0.82535	0.20062	1.73745
0.95434169	0.31453576	1.15724245	0.63502888	0.8066707	0.71499	0.75589	0.09525	1.50936
0.68120164	0.343343173	1.1338754	0.64423934	0.70227084	0.43695	0.94552	0.14006	1.50147
0.92184486	0.149222095	1.23112233	0.00382025	3.1297108	0.36039	1.06888	0.67247	0.72654
	0.154436586	1.37860273	0.19941602	1.3009082	0.15372	1.66981	0.54378	0.82196
1.18655324	3.4085E-05	2.76368797	0.00010156	4.42078243	0.01487	2.02586	0.00775	2.76796
0.59993005	0.392867501	1.00139966	0.3641598	1.00138391	0.64057	0.68814	0.2671	1.33238
1.12712687	0.816277988	0.73456534	0.69581568	0.77535694	0.55458	0.87891	0.82101	0.68321
1.2281915	0.351510049	1.0461474	0.32182899	1.0510623	0.90203	0.656	0.12581	1.31745
0.82019424	0.473220702	1.10048152	0.59662186	0.7253648	0.49633	0.91406	0.35842	1.51416
0.83567106	0.333387751	1.20708371	0.58155366	0.75885355	0.32948	1.25334	0.33553	1.24432
	0.056401138	1.46882921	0.00010464	3.08683595	0.96443	0.4341	0.36618	1.12295
0.7967114	0.098472001	1.31717174	0.2566378	1.14936804	0.04939	2.03215	0.18999	1.55321
	0.609117076	0.69744022	0.61482303	0.69744022				
0.70341884	0.575203377	0.98931236	0.32769799	1.02653394	0.965	0.59583	0.94409	0.57768
0.61530574	0.240991007	1.28629329	0.16703321	1.35517251	0.51423	0.76455	0.45066	0.90252
1.02342155	0.385227639	1.03406976			0.59665	0.7416	0.38471	1.03779
0.86037431	0.075194349	1.62708241	0.04258571	2.55426263	0.32893	1.326	0.19535	1.39582
1.21711111	0.252879424	1.15338145	0.31646025	1.0943153	0.50216	0.90318	0.15718	1.62064
1.54916638	0.134469373	1.20833493	0.15023239	1.34266358	0.13999	1.48028	0.30846	1.09676
	0.576594443	0.98109214	0.609546	0.6906307	0.38985	1.15449	0.40838	0.97693
1.08818331	0.194496434	1.32215015	0.47698605	0.85976837	0.19328	1.35029	0.27251	1.2953
1.23487895	0.077451954	1.29619688	0.27779925	1.12758503	0.20682	1.29466	0.02838	1.90007
0.33200643	0.348016887	1.47705793	0.50188647	0.74180801			0.31183	1.47722
0.2840273	0.597598934	0.96649407	0.62922282	0.68238758	0.55029	0.5043	0.4139	0.97136
	0.37663469	1.22864861	0.54578704	0.72102497	0.46335	0.89928	0.29889	1.36175
2.15358045	0.609353895	0.93851174	0.58664948	0.82897683	0.97066	0.56214	0.04534	1.75057
1.18504256	0.3701577	1.0091209	0.09750834	1.35477291	0.4127	1.00479	0.04157	2.19141
1.09423519	0.216496868	2.44945246	0.51459182	0.72040788	0.52044	0.86009	0.15098	2.8071
	0.64328491	0.38703556	0.65455976	0.38703556				
0.95386409	0.215670447	1.63459873	0.59540532	0.65490356	0.54216	0.78056	0.12972	1.86599
	0.458697715	1.31861822	0.58522274	0.61768825			0.29259	5.12797
	0.649287421	0.51284232	0.66150729	0.51284232				
	0.293965046	1.06272228	0.35455511	1.03530741	0.22184	1.54746	0.07117	2.97467
0.78644905	0.52725949	0.98620835	0.61392513	0.78100363	0.68069	0.79918	0.31617	1.2179
1.18610019	0.393921267	1.27611521	0.45137572	0.8132702	0.63608	0.59564	0.23522	1.91308
	0.601549392	0.68857625	0.41541703	0.63026617	0.4325	0.73282	0.49017	0.72716
0.9251898	0.191485482	1.23132608	0.84148689	0.69704407	0.02706	1.57737	0.51319	0.92279
	0.338117584	1.13594085	0.39809142	0.92098285	0.29989	1.27764	0.11675	2.17594
2.41488454	1.39592E-06	3.79078419	1.6671E-05	6.75317885	0.00194	2.52709	0.00163	5.86587
0.23938419	0.201381112	1.44815252	0.35317544	1.22772498	0.47034	0.91943	0.11974	1.90503
	0.365486198	1.94711585	0.4923928	0.7681773			0.32979	1.96967
0.99343153	0.173523017	1.17853187	0.14861182	1.24794538	0.47784	0.95977	0.26849	1.1351
0.85454127	0.390871119	1.00301175	0.36302336	1.00295873	0.73415	0.66571	0.17504	1.62268
0.52167322	0.297680315	1.24165799	0.23943749	1.2677745	0.57464	0.62126	0.57129	0.56242
	0.013536352	3.03650285	0.00462782	3.21151883			0.30743	1.91193
	0.090222557	4.03278505	0.05453375	4.03278505				
1.1404545	0.563236853	0.95388082			0.84026	0.66498	0.20503	1.42992
0.47948535	0.489917006	1.0383046			0.61286	0.77881	0.35692	1.36701
0.62736162	0.389705579	1.23025264			0.22465	1.31919	0.43352	0.87291
25.2777133								
0.90255299	0.195963791	1.16857507	0.22739503	1.24397897	0.36724	1.06851	0.15079	1.50863
0.1853813	0.284172329	1.35168976	0.23975959	1.35550898			0.54167	0.38803
1.54725992	0.408253304	1.08724222	0.63116016	0.76109332	0.85091	0.54575	0.13256	1.45559
	0.600951854	0.7557804	0.5856856	0.70883741			0.43433	0.79402
0.74762246	0.766654989	0.66705439	0.54631328	0.85183041	0.49505	0.94503	0.79902	0.64013
0.85775387	0.107667128	1.59355904	0.09942367	1.86600279	0.21158	1.71727	0.32061	1.27342
0.57713339	0.014201553	1.67772436	0.01454809	2.10740145	0.07054	1.70799	0.19112	1.33504
1.23555605	0.502773609	1.03813743			0.3865	1.03918	0.45829	0.7981
	0.294795836	2.41423621					0.25306	2.41424
0.90188976	0.371976378	1.20911163	0.43155037	0.82567897	0.45174	0.87519	0.25403	1.45194
	0.821346337	0.27622415	0.85222762	0.27622415				
1.92777469	7.79396E-06	3.08815052	0.00029589	3.67430992	0.03993	1.74626	4E-06	10.5844
0.82403032	0.610181881	0.97253232	0.39598597	0.97506608	0.46692	0.9383	0.58559	0.83816
	0.109016544	2.85817564	0.06993353	2.85817564				
0.93604387	0.241390686	1.56009691			0.52442	0.55	0.27001	1.56936
0.90908036	0.518156272	0.99279268			0.42766	0.96368	0.3654	1.18613
0.65620022	0.709618801	0.60280633			0.45403	0.86781	0.76305	0.43421
1.75922236	0.670241713	0.87720829			0.19528	1.23983	0.99298	0.3902
	0.186277192	2.86258579			0.04551	2.5946	0.11735	5.15498
1.57467585	0.522107363	0.99240836	0.85052351	0.58597952	0.59063	0.84671	0.26483	1.19692
	0.65450581	0.78581355	0.8307535	0.53361486			0.23746	2.11785
0.56437289	0.376333105	1.00997019	0.35868402	1.00904668	0.37355	1.06439	0.39075	2.70612
1.18961857	0.315866708	1.05954184			0.49533	0.87022	0.33705	1.05957
	0.239034297	1.70381655					0.19376	1.70382
0.42796829	0.716134574	0.78090537			0.62039	0.79422	0.67968	0.77389
0.86540415	0.475485224	1.07133471			0.66258	0.65529	0.3	1.62848

0.76716203	0.427790366	1.26599327					0.40283	1.26599
0.81087815	0.115227423	1.33103432	0.02590407	1.55819492	0.51854	0.9382	0.70398	0.7963
	0.316108695	1.86793975	0.56466321	0.71821524	0.54157	0.56071	0.20146	2.87304
0.83914621	0.525483427	0.98484828	0.43380471	0.92015756	0.46304	0.9434	0.3628	1.40122
1.05816488	0.195403137	1.12073713	0.08919599	1.34062383	0.15621	1.26323	0.43448	0.97522
0.93668312	0.352499896	1.03500068	0.34529069	1.0293427			0.23126	1.62048
0.89154974	0.369878578	1.2604169			0.14331	1.32269	0.5966	0.82724
0.89674776	0.3615656	1.10932143			0.67189	0.48565	0.33742	1.1473
	0.396448493	1.16986796			0.36251	1.10628	0.24744	1.56029
0.41972784	0.457820791	1.0279652	0.43177448	0.92016048	0.57068	0.74981	0.39824	1.05022
0.97232675	0.473753804	1.02969358	0.43951217	0.93505751	0.46342	0.96343	0.28146	1.40511
1.18776719	0.611354953	0.92595267	0.97354272	0.41914531	0.28235	1.24085	0.17616	1.71037
0.67814609	0.806414552	0.74845892	0.79069606	0.68972407	0.69352	0.77545	0.6302	0.81864
1.03414317	0.416888749	1.02487597	0.32905531	1.0407646	0.74663	0.70946	0.62031	0.81419
	0.021517322	5.38040892	0.00765155	5.47797611			0.60733	0.04398
1.02769098	0.345767082	1.0901758			0.53331	0.85669	0.35599	1.0948
0.95282153	0.569131919	0.61509412			0.77369	0.6124	0.46817	0.72593
1.10510988	0.474145	1.15903363			0.42666	0.81953	0.25753	3.48862
0.77431225	0.262858799	1.20412065	0.43893395	0.83560888	0.28866	1.19311	0.26716	1.26964
1.48439754	0.369982179	1.09383067	0.46764527	0.91926654	0.81957	0.71666	0.10824	1.39717
0.71150404	0.484584782	1.01228582	0.40354745	0.95748574	0.52785	0.89102	0.26039	1.24051
0.81084901	0.345540671	1.01122642	0.00055883	2.50575992	0.40976	1.00514	0.26158	2.13403
1.24309838	0.000309929	2.13315623	0.00218938	2.78019449	0.02088	1.78988	0.01259	2.15553
0.77033961	0.707472957	0.92689886	0.61056126	0.82886316	0.44551	0.98168	0.90446	0.60677
	0.033057267	6.62368221	0.01439595	6.62368221				
	0.251115502	1.48795951			0.45615	0.74988	0.25849	1.55994
0.78469842	0.389524224	1.09139561	0.87732035	0.59679196	0.11376	1.42121	0.52778	0.8667
0.55964701	0.450010064	1.06421407	0.59307156	0.85039234	0.17462	1.54412	0.8186	0.48798
1.63550684	0.060748777	1.32771058	0.86747269	0.67333369	0.05305	1.42361	0.01737	1.77251
0.89182328	0.197277631	1.14894891	0.09661036	1.31505187	0.20012	1.176	0.88987	0.5954
0.78317036	0.325974857	1.15628256			0.03498	1.54543	0.9254	0.58998
1.01094933	0.610602027	0.98532989			0.46136	0.96665	0.42129	0.9861
1.50755035	0.000688382	2.09662649			3.8E-05	3.41335	0.1017	1.42203
0.79933553	0.52788835	0.98753787			0.23106	1.15337	0.93564	0.5787
1.1104194	0.51626819	0.99461415			0.42321	0.99176	0.21556	1.49038
1.12972447	0.472936626	1.01306099			0.82483	0.71227	0.30307	1.08791
	0.360493527	1.32620677					0.3259	1.32621
1.11093363	0.45736322	1.0041761	0.07796832	1.38182452	0.42359	0.99489	0.00501	2.56836
1.4162584	0.043756216	1.63117648	0.07251116	1.57687806	0.12011	1.88288	0.19685	1.56593
0.71952768	0.611287663	0.99543388	0.37157437	0.99496715	0.25251	1.12698	0.77648	0.73885
0.72674393	0.019634657	1.36434483	0.10396863	1.28490347	0.10863	1.29549	0.02978	1.6497
0.65459422	0.335026103	1.06709847	0.24366646	1.14670232	0.36824	1.05603	0.75391	0.68402
1.44150673	0.00569611	1.79868455			0.01052	2.03837	0.0395	1.62643
0.88254173	0.600769095	0.69930354			0.58545	0.6003	0.55433	0.77161
0.68259762	0.49600715	1.10488096			0.34794	1.10976	0.56573	0.59153
	0.162685891	2.83584968					0.11795	2.83585
0.78762192								
0.89150941	0.324034233	1.1429296	0.44062884	0.92099453	0.25773	1.18638	0.34697	2.10235
0.57364943	0.053864978	1.29995705	0.17963353	1.51515628	0.31078	1.08307	0.00267	2.38066
0.96104281	0.00953464	1.77455081	0.0096052	2.09588478	0.16891	1.33992	0.03886	2.89681
1.5257372	0.067112513	2.55666577	0.09446365	2.48804801			0.11235	2.6516
	0.146600129	1.80935363	0.16023191	1.86254424	0.19192	2.67369	0.37918	1.32234
	0.123656216	1.89014232	0.08248633	1.89014232				
0.83517951	0.370948663	1.0610839			0.61198	0.80881	0.34687	1.08206
	0.126890103	3.55303649			0.48824	0.8431	0.15267	3.82412
1.43041774	0.008153314	2.57052729	0.08095854	1.973474	0.04978	2.57432	0.01782	4.72483
0.81184721	0.605471803	0.97935668	0.37723058	0.97697075			0.33824	1.51585
2.01949316	0.353430341	1.13040045			0.44728	0.89117	0.32636	1.1791
	0.169834027	1.58728174			0.12832	2.80899	0.33587	1.27177
	0.30926349	1.635192					0.26885	1.63519
2.08974934	0.727812555	0.84654597	0.75616645	0.66873669	0.92025	0.58831	0.19804	1.39346
0.74108448	0.583855299	0.9459705	0.43594208	0.84652007	0.51852	0.80659	0.42915	0.9535
1.3357578	1.7057E-10	4.59247061	6.8023E-06	5.29382607	5.3E-06	4.01249	2.2E-05	4.86929
0.9517799	0.22931656	1.32452408	0.09444756	1.6057919	0.68075	0.74369	0.51415	0.87496
	0.290567443	2.08960011					0.24847	2.0896
1.27233607	0.30426598	1.32393458			0.69285	0.66114	0.13713	1.9847
0.89397953	0.434197571	1.07253386			0.37308	1.05229	0.31001	1.24157
	0.550297288	0.96999341	0.99390005	0.36000168	0.15003	1.63762	0.0371	2.46435
0.75728254	0.507080117	1.00222741	0.60122989	0.84698975	0.25994	1.14637	0.89546	0.54142
1.09431008	0.416933873	1.1113251	0.56979811	0.70867172	0.75953	0.61957	0.19093	1.50776
0.74446007	0.213301133	1.27492433	0.25657512	1.2179591	0.51728	0.87995	0.21866	1.43347
1.4273433	0.338013729	1.16055087			0.86678	0.59754	0.0531	1.91763
0.78090069	0.015471572	2.59612745			0.04569	2.52593	0.0315	2.66249
0.82045144	0.465726822	1.47489353			0.08398	1.47935	0.52365	0.78339
	0.46095294	1.12074811			0.14783	2.66623	0.83447	0.34595
0.78236983	0.485563421	1.00719393	0.83777299	0.60524665	0.52115	0.85312	0.39508	1.02619
1.27079678	0.613344044	0.93680665	0.38212371	0.93761224	0.5294	0.81358	0.49463	0.81505
1.15320131	0.993583268	0.48205696	0.99167896	0.34402762	0.95799	0.52083	0.77787	0.6668
0.98533525	0.20232972	1.28061408			0.30609	1.13363	0.08018	1.62665
	0.403762913	1.18917023			0.34977	1.12015	0.22436	1.79188
	0.292438846	1.29314251			0.27786	1.62482	0.38435	1.1722
	0.426105652	1.63065668			0.29416	1.47917	0.2448	6.70717
	0.406754001	1.30063072	0.6101709	0.56569363			0.31961	1.55048
0.65206783	0.252948143	1.09483835	0.24449186	1.13449839	0.28066	1.36638	0.36248	1.05274
0.98132795	0.053225028	1.40637947	0.18330772	1.2477347	0.05071	1.91724	0.15245	1.41099
1.45362169	0.613867837	0.9872088	0.37630154	0.98682924	0.55346	0.86712	0.32015	1.95243
0.59865319								
0.49722995	0.386026926	2.51680998			0.00553	2.54798	0.47798	0.82393
0.82657162	0.287728539	1.30546112			0.50438	0.8762	0.31251	1.30654
0.86430383	0.322048297	1.16715273			0.74025	0.73757	0.11734	1.57217
	0.255739492	4.84923294					0.21123	4.84923
0.886439	0.113281862	1.23277031	0.22381912	1.13675117	0.57134	0.89965	0.03221	1.79378
0.87000214	0.907771926	0.64527648	0.78112408	0.71438268	0.52826	0.92542	0.92109	0.55962

	0.207328719	2.11052999	0.63800074	0.67233818	0.06483	5.32946	0.25228	5.92674
1.16957702	0.211412033	1.22464741	0.08721342	1.79792817			0.35887	1.08985
0.75039225	0.553354896	0.97645135	0.42961733	0.94795486	0.88955	0.60609	0.18049	1.32937
	0.590699848	0.94604938					0.4067	0.94605
0.64535674	0.389487448	1.23829741			0.45212	0.93543	0.15446	2.34065
1.1829491	0.186886293	1.3614221			0.12702	2.21514	0.36173	1.15443
2.54063742	0.192181624	1.17098673	0.29169488	1.11023218	0.34487	1.12377	0.11259	1.70031
1.49810358	0.292737448	1.09791081	0.61576616	0.81291162	0.34543	1.07605	0.24605	1.16479
0.91991956	0.593434761	0.97518056	0.83348153	0.66640123	0.40917	1.02552	0.8171	0.68472
1.13485811	0.679757839	0.87964067	0.77877456	0.65795992	0.4288	0.95083	0.52575	0.78258
0.63634924	0.614529464	0.98241036	0.37769324	0.98210325	0.71582	0.6377	0.33303	1.28783
	0.395447741	1.07622773	0.42839387	0.89659897	0.39287	1.07328	0.34016	1.21845
	0.850087551	0.5196949	0.88146292	0.5196949				
0.80111564	0.251265757	1.26452948			0.51122	0.80003	0.28037	1.26604
	0.41979503	1.26718007	0.55258658	0.69658798	0.47043	0.85756	0.34246	1.52213
1.18831785	0.174400577	1.63109001	0.50523382	0.87233566	0.49296	0.8195	0.12845	1.63452
	0.596754118	0.87214978	0.58886888	0.56118798			0.41604	0.88992
	0.314888927	2.64245186	0.49759324	0.75118918			0.27485	2.64637
	0.577900944	0.98514798	0.38132686	0.97720644	0.34936	1.99605	0.23922	1.56046
0.95919629								
0.38247415	0.160408253	1.25744507	0.25036904	1.17771758	0.30687	1.21084	0.12126	1.89154
	0.225388443	1.76574084	0.17970002	1.76574084				
	0.902379307	0.39536267					0.93125	0.39536
1.0791171	0.466510175	1.13455289			0.38289	1.09316	0.25519	2.44858