

Supplementary table 1. Defense-responsive sequences in bacterial blight resistance mediated by *xa13* gene

EST	GenBank	Mapping (BLASTN)			Function analysis (BLASTX)	
	accession number	Chr ^b	Homolog	E value	Homolog	E value
Disease-resistance-like and defense-responsive activity						
1B05 ^e	CD150886	10	AC098696	e-107	putative NBS-LRR type resistance protein (AAL77135)	6e-63
2I18 ^{c,f}	CD151045	2	AP005007	0	putative disease resistance protein (AAM47626)	e-15
2I04 ^f	CD151032	1	AP003735	e-168	NBS-LRR type resistance gene (BAA93618)	8.6
1O21 ^{a,e}	CD151441	12	AL713908	2e-70	putative MLA6 protein (AAN04517)	e-06
C3 ^{a,e}	CD150760				putative protein kinase Xa21 type precursor (BAC10827)	2e-41
C12 ^e	CD150769	2	AP004747	9e-39	putative protein kinase Xa21 type precursor BAC10827)	2e-76
C16 ^{a,e}	CD150773				putative protein kinase Xa21 type precursor (BAC10827)	7e-32
C33 ^g	CD150790				putative protein kinase Xa21 type precursor (BAC10827)	7e-28
C38 ^{a,g}	CD151455				putative protein kinase Xa21 type precursor (BAC10827)	5e-47
C97 ^{a,e}	CD150853	2	AP004747	2e-42	putative protein kinase Xa21 type precursor (BAC10827)	3e-24
1P17 ^{a,e}	CD151165				putative protein kinase Xa21 type precursor (BAC10827)	0.029
1D10 ^{a,e}	CD151215				putative protein kinase Xa21 type precursor (BAC10827)	2e-13

1M21 ^e	CD151405	7	AP004262	4e-05	putative protein kinase Xa21 type precursor (BAC10827)	6e-20
3H04 ^{a,f}	CD150987				putative protein kinase Xa21 type precursor (BAC10827)	2e-39
1A09 ^{c,e}	CD151179	12	AL713901	e-142	putative disease resistance response protein (AAM74358)	2e-07
1K02 ^{c,e}	CD151048	3	AC092075	4e-43	disease-resistant-related protein (AAL78367)	e-31
C73 ^e	CD150829	12	AL845342	0	pathogenesis-related protein PR-10a (AAF85972)	6e-16
2P03 ^{a,f}	CD151145				pathogenesis-related protein class 1 (AAB49685)	8e-12
2M16 ^{c,f}	CD151120	8	AP003887	2e-60	L-ascorbate peroxidase-like protein (CAA16959)	6e-04
C67 ^f	CD150823	3	AC137076	1e-89	putative phospholipid hydroperoxide glutathione peroxidase (CAC17628)	2e-77
2A13 ^f	CD150876	9	AP005392	e-135	WRKY transcription factor (AAN16970)	2e-67
C50 ^{c,e}	CD150806	12	AL731739	2e-22	putative glutathione S-transferase (AAN05495)	4e-36
C76 ^{c,e}	CD150832	3	AC099399	0	putative glutathione S-transferase (AAN05495)	e-77
1B14 ^e	CD150875	5	AC108502	e-180	putative glutathione S-transferase (AAK98539)	1
2D15 ^{b,f}	CD150918	3	AC120983	4e-24	RNA helicase (RH16) (CAB80208)	2e-22
2E01 ^f	CD150934	3	AC118669	0	ATP-dependent RNA helicase-like protein (AAM53340)	2e-79
2D17 ^{c,f}	CD150928	3	AC096687	5e-91	putative RNA helicase (AAL797530)	6e-78
1A19 ^{b,e}	CD151175	4	AL663006	e-31	putative RNA helicase (AAG13612)	6e-14

3F01 ^f	CD150939	4	AL731606	e-118	26S proteasome regulatory particle subunit 6 (BAB78501)	9e-25
1P16 ^{c,e}	CD151148	1	AP003260	e-67	alpha 7 subunit of 20S proteasome (BAA96833)	3e-64
2K24 ^{c,f}	CD151377	9	AC108760	5e-67	beta 7 subunit of 20S proteasome (BAA96839)	5e-57
1E09 ^e	CD151245	11	AC120885	e-118	alpha 5 subunit of 20S proteasome (BAA96832)	7e-05
3K11 ^f	CD151375	2	AP004095	2e-39	26S proteasome regulatory particle subunit 1 (BAB17624)	2e-11
1N09 ^{c,e}	CD151398	8	AP003912	e-118	proteasome alpha subunit (AAB51521)	3e-54
2G18 ^{c,f}	CD151007	10	AC051633	0	putative ubiquitin protein (AAG13589)	e-94
3D08 ^{c,f}	CD151206	2	AP004889	e-165	ubiquitin-like protein (BAB10203)	0.001
1J02 ^e	CD151012	7	AP005462	e-180	putative ankyrin-like protein (BAB64778)	3e-06
2G08 ^{c,f}	CD151271	2	AP004000	4e-37	putative cytochrome P450 (BAB61166)	4e-35
2O19 ^{c,f}	CD151428	1	AP003330	0	putative cytochrome P450 (BAB89974)	7e-80
1C05 ^{c,e}	CD150920	2	AP004000	e-171	putative cytochrome P450 (BAB39252)	2e-29
1L21 ^e	CD151364	8	AP005799	3e-06	metallothionein-like protein (AAF03603)	2e-04
C65 ^g	CD150821	12	AL845346	7e-13	metallothionein-like protein (AAA80335)	e-21
C68 ^e	CD150824	2	AP004867	9e-61	catalase (BAA06232)	e-22
C58 ^f	CD150814	1	AP003240	e-73	Os-FIERG1 gene product (AAC04627)	5e-67

DNA binding

C41 ^e	CD150797	3	AC084405	0	zinc finger protein (BAA33205)	e-07
2O05 ^f	CD151157	5	AC135924	e-129	zinc finger protein 54 (AAC29445)	1
3H02 ^f	CD150975	8	AP005734	e-100	transcriptional coactivator - like protein (BAC07443)	9e-20
3L04 ^f	CD151068	12	AL837528	7e-66	RISBZ4 (transcription activator) (BAB39174)	2e-19
1I01 ^{a,e}	CD151010	11	AC123527	0	putative transcription factor (AAL79736)	3e-11
2O10 ^{c,f}	CD151435	3	AC105733	5e-69	putative transcription factor (AAN61483)	3e-10
1B01 ^{b,e}	CD150869	5	AC130729	0	transcription factor-like protein (BAC07004)	e-21
1I04 ^{a,e}	CD151029	11	AC123527	3e-28	putative transcription factor (AAL79736)	2e-05
1P06 ^{a,c,e}	CD151156	3	AC093713	0	putative C3HC4 zinc finger protein (AAB63079)	0.044
2H03 ^{c,f}	CD150984	2	AP005323	0	putative myb-related protein (AAL87171)	e-37
3G16 ^{b,f}	CD150996	4	AL731616	e-144	putative zinc finger protein (BAB85374)	2.7
2F01 ^f	CD150936	1 ^c	AP003273	7e-68	histone H1-like protein (BAB92342)	4e-39
		7	AP005156	3e-40		
3I02 ^f	CD151018	4	AL606594	0	micronuclear linker histone polyprotein (AAC18874)	7e-05
3L08 ^{c,f}	CD151345	7	AP004378	6e-50	putative chromodomain-helicase-DNA-binding protein (BAC16056)	4e-34
3N07 ^{b,f}	CD151390	3	AC092262	e-127	replication protein A1-like (BAB09168)	3.4
3M22 ^{b,f}	CD151410	4	AL732340	e-109	BarH1 (homeobox gene) (AAA28381)	0.93

1G13 ^{b,e}	CD150976	5	AC093489	0	NDX1 homeobox protein (CAA09794)	e-14
3M15 ^{c,f}	CD151119	4	AL606639	e-134	basic helix-loop-helix transcription factor (CAD53343)	0.98
C95 ^{c,e}	CD150851	3	AC119747	2e-68	semaphorin (AAC50810)	5.2
3M04 ^f	CD151112	5	AC135418	5e-89	insulin promoter factor 1 (CAA52389)	4.1
RNA binding						
1G02 ^e	CD150971	10	AC077693	0	putative eukaryotic initiation factor subunit (AAL86464)	3e-91
2M22 ^f	CD151407	12	AL731759	e-170	translation initiation factor 5A(AAC67555)	5e-24
3A10 ^f	CD151185	7	AP004275	3e-74	translation initiation factor 5A (AAC67555)	5e-50
2I05 ^{c,f}	CD151039	3	AC084404	3e-55	putative translation initiation factor (AAK50586)	2e-60
3G11 ^f	CD151295	7	AP004674	5e-60	translation initiation factor (AAC67556)	2e-04
1H05 ^{c,e}	CD150998	4	AL606450	0	putative elongation factor 2 (BAB91927)	9e-80
3E09 ^f	CD151251	2	AP004023	0	translational elongation factor Tu (AAL73431)	4e-75
C27 ^{c,g}	CD150784	1	AP003760	e-126	putative U2 snRNP auxiliary factor (BAB90507)	2e-11
C30 ^{c,f}	CD150787	4	AL662979	e-152	similar to RNA-binding protein (BAB10647)	e-21
Other binding activity						
C21 ^{c,g}	CD150778	8	AP005441	e-121	similar to symbiosis-related like protein (AAC28521)	4e-32
C35 ^{c,f}	CD150792	2	AP004134	5e-16	lipid transfer protein (AAB18815)	6e-15

C85 ^g	CD150841	8 ^c	AP004574	4e-56	GF14-d protein (AAB07458)	3e-66
		11	AC134053	e-77		
1A05 ^e	CD150885	2	AP003975	e-177	putative hydroxyproline-rich glycoprotein (BAB89945)	8.6
2D01 ^{c,f}	CD150897	1	AP003278	6e-68	chlorophyll a/b binding protein (AAC15992)	e-30
		7	AP004270	e-140		
2E02 ^{a,c,f}	CD150935	3	AC084767	6e-04	chlorophyll a/b binding protein (AAB18404)	e-06
2N18 ^{c,f}	CD151131	9	AP005882	3e-31	putative chloroplast DNA-binding protein (AAL79734)	4e-04
1I06 ^{c,e}	CD151037	7	AP004010	e-93	23 kDa polypeptide of photosystem II (BAA08564)	9e-06
1P04 ^{c,e}	CD151144	7	AP003957	2e-89	putative photosystem II 10 kD polypeptide (BAC1975)	e-19
C7 ^{c,e}	CD150764	8	AP004589	e-130	photosystem II 10 kD polypeptide (AAB46718)	1e-20
1E06 ^{c,e}	CD150959	2	AP004841	e-141	KEULE (NP_563905)	2e-36
1H18 ^{b,e}	CD151006	5	AC097175	3e-62	ADP-ribosylation factor 1-like protein (CAD48129)	e-53
1L04 ^{b,e}	CD151063	3	AC134769	0	putative extensin (AAC69930)	3.7
2L04 ^{c,f}	CD151066	8	AP003888	e-92	FK506 binding protein (AAD29708)	6e-47
1K16 ^e	CD151070	2	AP004144	e-110	putative calmodulin-binding protein (BAB64623)	e-25
3K22 ^{a,c,f}	CD151370	1	AP003214	0	putative calmodulin-binding protein (BAB64623)	5e-39
1E10 ^e	CD151246	12	AL845342	e-110	putative calmodulin-binding protein (AAM19014)	4.5
2N22 ^f	CD151409	4	AL731606	2e-11	calmodulin-binding protein (AAA33446)	2e-04

3N05 ^f	CD151125	6	AP001389	e-158	S-locus pollen protein (BAB86355)	3.9
1C07 ^e	CD151200	3	AC120531	e-159	similar to 7 transmembrane receptor (CAB01517)	0.52
3C07 ^f	CD151205				putative GTP-binding protein (AAK98738)	4e-14
1I21 ^{c,e}	CD151317	8	AP005416	5e-54	putative GTP-binding protein (AAM23059)	2e-34
1J21 ^{c,e}	CD151319	8	AP005416	2e-21	putative GTP-binding protein (AAM63059)	0.003
1H23 ^{a,e}	CD151298				putative GTP-binding protein (AAM63059)	0.58
3D19 ^f	CD151211	3	AC092558	3e-95	putative cop-coated vesicle membrane protein (AAP13000)	5e-08
3D20 ^{a,c,f}	CD151212	8	AP005441	0	RERE (BAA95898)	1.3
2I07 ^f	CD151304	6	AP004685	2e-90	high mobility group protein (AAC78104)	4e-09
1I22 ^{a,e}	CD151318	12	AL513403	e-141	importin-beta 2 (BAA34862)	2e-35
3L22 ^{c,f}	CD151371	7	AP004339	e-119	putative ribonucleoprotein (BAC10140)	2e-75
2O23 ^f	CD151450	4	AL512547	4e-60	putative small nuclear ribonucleoprotein G (AAK55776)	6e-04
C44 ^{c,f}	CD150800	1	AP003243	0	putative telomere repeat binding factor (BAB89031)	3e-30
1F11 ^{c,e}	CD151259	1	AP003232	e-104	cystatin (BAB92242)	3e-18
3O07 ^f	CD151424	10	AC078839	e-112	centrin (AAK13107)	0.058
2K15 ^f	CD151073	6	AP004804	e-57	putative formin binding protein (BAB91867)	0.78
C71 ^f	CD150827				similarity to myosinase-binding protein (AAF29383)	5.8

Chaperone

C40 ^f	CD150796	6	AC091774	e-112	heat shock protein (AAL79732)	e-63
3C05 ^{c,f}	CD150923	9	AP005392	0	heat shock protein 82 (HSP82) (CAA77978)	5e-83
1J22 ^e	CD151320	3	AC096688	0	HSP70 (BAA06359)	5.8
1M01 ^e	CD151092	9	AP005392	2e-05	heat shock protein hsp82 (CAA78738)	e-08
C87 ^f	CD150843	7	AP004342	e-140	putative heat shock protein (AAK63929)	5.2
2G03 ^f	CD150983				putative rubisco subunit binding-protein alpha subunit precursor (AAL83689)	7e-31
3I05 ^{c,f}	CD151042	2	AP004191	e-122	DnaJ (chaperone protein) homologue (BAB11149)	3e-37
3N01 ^f	CD151097	4	AL731613	2e-97	DnaJ-like protein (CAC39071)	9e-44
3N03 ^f	CD151113	4	AL731613	2e-22	DnaJ-like protein (CAC39071)	5e-07
2H23 ^f	CD151301				DnaJ-like protein (CAC39071)	2e-11
1G07 ^e	CD151268	6	AP001389	2e-56	60 KD chaperonin beta subunit (BAA92724)	2e-56
2H12 ^{b,f}	CD151294	5	AC084818	e-98	putative peptidyl-prolyl cis-trans isomerase, chloroplast precursor (BAB39968)	2e-31
1I24 ^e	CD151331	8	AP004565	e-171	copper chaperone homolog CCH (AAF15285)	7e-16
2G16 ^f	CD150992	6	AP005459	0	heavy-chain binding protein BiP (AAB08760)	7.5
C39 ^f	CD150795	1	AP003331	e-140	putative protein disulfide isomerase (BAB67990)	5e-43

1F09 ^e	CD151247	1	AP003331	8e-53	putative protein disulfide isomerase (BAB67990)	2e-55
Apoptosis regulator						
C100 ^{b,f}	CD150856	5	AC104278	2e-39	putative apoptosis-related protein 19 (AAM20277)	3e-35
1F22 ^{c,e}	CD151252	3	AC090485	7e-84	putative cell death suppressor protein (AAK98735)	6e-75
Enzyme						
1E15 ^e	CD150953	1	AP003240	e-125	ribonuclease II-like protein (BAB86443)	8e-64
1D15 ^{a,e}	CD150916				ribonuclease II-like protein (BAB86443)	3e-06
C8 ^{b,e}	CD150765	11	AC128644	9e-44	DNA polymerase delta catalytic subunit (BAA99573)	5e-60
3A04 ^{c,f}	CD150881	4	AL606657	e-109	Poll-like DNA polymerase (BAB40805)	e-68
C60 ^{c,f}	CD150816	4	AL442106	e-159	RNA polymerase beta subunit-2 (CAA60278)	8.9
2M24 ^{c,f}	CD151418	7	AP004333	e-113	poly(A) polymerase-like protein (BAC21345)	8.1
C9 ^f	CD150766	4	AL606594	2e-58	protein phosphatase (AAA74625)	6e-11
C18 ^{c,f}	CD150775	1	AP004330	4e-21	putative serine palmitoyltransferase (BAB90753)	1e-97
C19 ^{c,g}	CD150776	9	AP005558	e-101	putative aldo/keto reductase (BAC19952)	7e-08
C22 ^{c,f}	CD150779	3	AC121490	e-55	putative foyllypolyglutamate synthetase (AAG13624)	3e-71
C26 ^f	CD150783	6	AP004744	2e-54	Xaa-Pro aminopeptidase 1 (CAC59823)	2e-44
2K18 ^f	CD151088	6	AP003628	e-79	Xaa-Pro aminopeptidase 2 (CAC59824)	4e-43

C34 ^f	CD150791	1 ^c	AP002480	1e-14	aspartic proteinase (BAA02242)	e-104
		5	AC093490	3e-99		
C46 ^{c,e}	CD150802	2	AP004063	0	S-adenosylmethionine decarboxylase 2 (CAB64600)	2e-39
C47 ^f	CD150803	1 ^c	AP002482	4e-70	S-adenosyl methionine synthetase (CAA81481)	8e-61
		5	AC087552	0		
C49 ^f	CD150805	10	AC037425	e-104	cytoplasmic malate dehydrogenase (AAG13573)	7e-66
C61 ^{c,f}	CD150817	8	AP005416	e-51	glycolate oxidase (AAB82143)	3e-53
C62 ^g	CD150818	5	AC135929	e-110	ferrochelatase (BAA22284)	e-119
C63 ^f	CD150819	1	AP003370	5e-88	putative cinnamyl-alcohol dehydrogenase (BAB90130)	3e-87
C79 ^{c,g}	CD150835	2	AP004846	e-55	UMP/CMP kinase b (AAF23372)	4e-47
C107 ^{c,f}	CD150863	2	AP004048	e-111	inosine monophosphate dehydrogenase (AAG19418)	3e-09
C109 ^{c,f}	CD150865	8	AP005544	2e-57	precursor protein (CAA34213)	2e-61
2B14 ^{c,f}	CD150877	11	AC123525	6e-38	aspartate kinase-homoserine dehydrogenase (BAA11417)	0.027
1A04 ^e	CD150880	6	AP005750	9e-93	phytoene synthase (AAK07734)	2e-41
2A17 ^{a,c,f}	CD150893	4	AL606687	0	putative prolyl endopeptidase (BAB78619)	3e-56
1D14 ^e	CD150903	1	AP003228	6e-73	cysteine synthase (AAD23909)	7e-41
2C14 ^f	CD150904	2	AP005056	6e-67	protein phosphatase 2b regulatory subunit-like protein (BAB01109)	2e-52

3C13 ^{c,f}	CD150905	6	AP004322	7e-48	3-dehydroquinase synthase-like protein (BAB10417)	2e-39
3C04 ^f	CD150913	10	AC025907	9e-56	ubiquitin-conjugating enzyme E2 (BAB84382)	2e-10
1D06 ^{c,e}	CD150921	6	AP004697	e-107	sucrose synthase (CAA78747)	5e-48
2F05 ^{b,f}	CD150963	2	AP004091	9e-68	cellobiose dehydrogenase (AAC26221)	4.2
3E17 ^f	CD150968	3	AP090882	e-102	putative dehydratase/deaminase (AAL58211)	0.002
1H02 ^e	CD150972	2	AP004079	8e-64	putative protein kinase (BAB16918)	5e-07
1H15 ^{c,e}	CD150989	2	AP004838	e-120	OsPK4 (BAA83688)	0.025
1A10 ^e	CD151180	11	AC128643	e-125	OsCDPK7 (BAB16888)	7e-35
1C13 ^{a,e}	CD150901				putative protein kinase (AAM15298)	5.5
1G14 ^{c,e}	CD150977	2	AP005513	e-110	similar to ferredoxin-thioredoxin reductase (BAB09560)	0.001
3G03 ^f	CD150986	4	AL606457	0	oxidoreductase, zinc-binding (AAO58657)	1.9
2H06 ^f	CD151003	7	AP004051	2e-24	nucleoside diphosphate kinase (BAA03798)	e-17
3J14 ^f	CD151028	10	AC105932	e-174	putative ubiquitin-conjugating enzyme (AAN04972)	e-45
3I04 ^{c,f}	CD151034	8	AP005544	e-98	precursor protein (CAA34213)	e-81
3J16 ^f	CD285458	3	AC117988	6e-64	serine hydroxymethyltransferase (AAL33594)	e-80
3J18 ^{c,f}	CD151047	2	AP005070	e-49	adenosine kinase (BAC02723)	2e-69
2K02 ^f	CD151049	8	AP005487	e-108	threonyl-tRNA synthetase (CAC79651)	e-21

2L01 ^{c,f}	CD151050	2	AP005536	e-159	MFDR (BAB79228)	e-34
1L14 ^{c,e}	CD151057	1	AP003225	7e-89	similar to carboxypeptidase D precursor (BAB08188)	e-29
1K03 ^{c,e}	CD151064	2	AP004071	e-103	aspartate--tRNA ligase-like protein (CAB79836)	2e-50
2K04 ^{c,f}	CD151065	2	AP004071	2e-45	putative aspartate-tRNA ligase (AAN41339)	e-23
3K03 ^{b,f}	CD151067	5	AC079022	e-142	putative 3-beta hydroxysteroid dehydrogenase /isomerase protein (AAK73149)	2e-72
1L15 ^e	CD151071	7	AP005098	9e-26	kinase associated protein phosphatase (AAC26828)	e-46
2K16 ^{c,f}	CD151074	3	AC091494	2e-81	phosphoglucose isomerase (BAA08148)	e-51
2L15 ^{c,f}	CD151075	6	AP003946	0	peptidylprolyl isomerase (CAA60505)	4e-64
1K05 ^{a,e}	CD151078	1	AP003277	e-15	2-hydroxy-6-oxo-6-phenylhexa-2,4-dienoate hydrolase (BAA18939)	8.2
3K18 ^{b,f}	CD151091	5	AC073405	2e-58	similar to peptidyl-prolylcis-trans isomerase (AAG03106)	5e-36
2M02 ^f	CD151094	5	AC134341	4e-36	fructose-6-phosphate-2-kinase/fructose-2,6-bisphosphatase (AAL66023)	3e-47
3M01 ^f	CD151096	4	AL731582	e-135	beta-glucosidase (AAN01354)	e-39
1M13 ^{a,e}	CD151098				putative PNGase (peptide N-glycanase) (BAC07101)	1.3
2M14 ^{c,f}	CD151103	12	AL731889	2e-82	methionine synthase (AAL33589)	e-64
1M04 ^e	CD151109	6	AP005763	5e-82	putative mitogen-activated protein kinase (BAB63546)	6e-41

2N16 ^f	CD151118	12	AL731881	3e-49	thiosulfate sulfurtransferase (AAD19957)	4e-37
1M05 ^{c,e}	CD151122	12	AL731889	2e-88	cysteine synthase (AAD23907)	2e-70
1N05 ^{c,e}	CD151123	2	AP004096	e-58	putative serine carboxypeptidase (AAL73563)	2e-33
2M05 ^f	CD151124	6	AP002542	e-152	putative transketolase (BAB19388)	4e-63
3O14 ^{c,f}	CD151142	2	AP005315	0	putative wall-associated kinase 1 (AAL76192)	e-14
2N14 ^{c,f}	CD151105	4	AL731597	e-165	putative wall-associated kinase 1 (AAL76192)	e-24
1E05 ^e	CD150958	4 ^c	AL663016	0	putative wall-associated kinase 2 (BAB40021)	5e-23
		5 ^b	AC118287	0		
2O01 ^{c,f}	CD151135	4	AL663016	e-180	putative wall-associated kinase 2 (AAK98689)	2e-13
3P14 ^f	CD151143	2	AP005609	e-64	putative 2-cys peroxiredoxin protein (AAG41453)	e-53
2O16 ^f	CD151150	5	AC119288	e-64	long hypothetical mucD (BAB65932)	5e-05
3P16 ^{c,f}	CD151153	2	AP004875	e-105	spermidine synthase 1 (CAB61629)	2e-72
1P05 ^{c,e}	CD151155	1	AP003048	e-173	cytosolic aldehyde dehydrogenase (BAA96794)	8e-32
2O17 ^f	CD151167	4	AL606645	0	T-protein (CAA81081)	7e-59
3O18 ^f	CD151169	3	AC136284	6e-63	putative GTPase (BAB61154)	2e-12
1B07 ^{c,e}	CD151172	1	AP002480	e-120	similar to aspartic proteinase precursor (BAA96578)	e-20
2A09 ^{c,f}	CD151181	7	AP004274	2e-50	cytosolic copper/zinc-superoxide dismutase (AAC14465)	3e-63

3A09 ^{c,f}	CD151184	2	AP004996	2e-57	aminopeptidase M (AAN41401)	7e-48
1A12 ^e	CD151192	1	AP003535	9e-70	dTDP-glucose 4-6-dehydratase-like protein (AAL65400)	2e-39
1B11 ^e	CD151193	4	AL606641	4e-67	putative phosphomannomutase (AAC28545)	e-43
3B23 ^f	CD151198	7	AP003835	6e-97	putative tryptophan synthase IBMlike protein (AAC78257)	6e-36
3C08 ^{c,f}	CD151204	1	AP003443	e-119	putative seryl-tRNA synthetase (BAB85392)	e-65
2D19 ^f	CD151208	1	AP003281	e-95	putative DNA-dependent ATPase(BAB64747)	e-88
1D09 ^{b,e}	CD151214	3	AC099399	e-47	putative serine acetyltransferase (AAN05506)	e-39
2C10 ^{a,b,f}	CD151217	5	AC130606	9e-29	similar to Spinacia oleracea protein kinase (BAB03409)	4e-18
3C09 ^f	CD151218	8	AP003919	2e-62	putative phosphoribosylaminoimidazolecarboxamide formyltransferase (AAM14072)	9e-45
1C11 ^{b,e}	CD151223	12	AL954158	e-147	alpha keto-acid dehydrogenase alpha subunit (AAC69851)	e-23
3F22 ^f	CD151257	10	AC051632	5e-82	putative aminotransferase (AAM67247)	7e-26
C23 ^{c,g}	CD150780	12	AL731739	4e-86	ribulose 1,5-bisphosphate carboxylase small subunit (AAB70544)	1e-36
3C02 ^{c,f}	CD150899	12	AL731739	2e-59	small subunit of ribulose-1,5-bisphosphate carboxylase (BAA00538)	5e-34
3G19 ^{c,f}	CD151279	12	AL731739	0	ribulose 1,5-bisphosphate carboxylase small subunit (AAB70544)	6e-14

3C14 ^f	CD150906	1 ^c	AP003280	e-142	ribulose 1,5-bisphosphate carboxylase large subunit	5e-46
		6	AP004236	e-142	(AAA85330)	
		10	AC092750	e-142		
C24 ^{c,g}	CD150781	12	AL731739	2e-62	ribulose 1,5-bisphosphate carboxylase (AAA84592)	8e-34
1G09 ^{c,e}	CD151280	1	AP003924	4e-41	asparaginyl endopeptidase (BAB85400)	4e-31
3G12 ^{c,f}	CD151296	8	AP003928	0	cysteine endopeptidase (BAB92565)	3e-14
1G24 ^e	CD151297	5	AC135915	e-135	putative signal peptidase subunit (BAC20617)	0.47
2G23 ^f	CD151300	5	AC134931	3e-80	isovaleryl-CoA dehydrogenase (CAC08233)	e-45
1J19 ^{c,e}	CD151309	1	AP002903	e-134	maturase (AAM92654)	0.83
1H20 ^e	CD151277	3	AC096690	6e-84	maturase (BAB91175)	7.7
2I20 ^f	CD151310	6	AP004234	e-36	putative 2-phospho-D-glycerate hydrolyase (AAN04181)	5e-45
2J10 ^f	CD151315	7	AP004342	3e-29	putative alanine aminotransferase (BAC20747)	e-22
1J11 ^{c,e}	CD151325	9	AC108762	3e-42	putative cinnamyl-alcohol dehydrogenase (BAB90130)	2.2
2K07 ^{a,e}	CD151341	7	AP003956	8e-49	putative NAD-dependent malic enzyme 62 KDA isoform, mitochondrial precursor (BAC21378)	3e-13
3K08 ^f	CD151344	6	AP004008	7e-82	putative Pro-X carboxypeptidase homolog (BAC10762)	3e-23
3L20 ^{a,c,f}	CD151352	4	AL606687	6e-93	putative prolyl endopeptidase (BAB78619)	7e-14
2L10 ^f	CD151358				alpha-N-acetylglucosaminidase (CAA77084)	2e-53

C1 ^{c,f}	CD150758	3	AC118132	e-132	cytoplasmic aconitate hydratase (AAD25640)	5e-54
2K22 ^{c,f}	CD151366	1	AP003212	8e-75	putative acyl-CoA synthetase (BAC01252)	4e-41
2L22 ^{a,c,f}	CD151368	4	AL606687	2e-75	putative prolyl endopeptidase (BAB78619)	2e-09
3K21 ^{b,f}	CD151369	5	AC093490	0	aspartic proteinase (BAA02242)	3e-27
2K11 ^f	CD151372	3	AC134234	5e-91	putative phosphoenolpyruvate carboxykinase (AAM18765)	6e-41
3K24 ^{a,c,f}	CD151379	6	AP004806	2e-31	cysteine synthase (AAD23910)	3e-10
3L24 ^{c,f}	CD151380	1	AP003709	e-114	NADP-specific isocitrate dehydrogenase (BAB90451)	5e-53
1N07 ^{c,e}	CD151383	1	AP003254	0	NPK1-related protein kinase-like protein (BAB64166)	3e-78
3M20 ^{b,f}	CD151395	7	AP003954	4e-25	calcium-dependent protein kinase (BAC20693)	5e-11
3N20 ^{c,f}	CD151396	1	AP002818	e-161	putative C-8,7 sterol isomerase (BAB92148)	8e-30
3M24 ^f	CD151420	5	AC134929	3e-61	very similar to prenyl transferase (AAD50025)	e-44
2O07 ^f	CD151422	8	AP005159	3e-45	putative apyrase (AAL82534)	3e-07
1O20 ^{c,e}	CD151426	12	AL731889	3e-81	methionine synthase protein (AAL73979)	4e-81
3O22 ^{c,f}	CD151443	2	AP005286	2e-64	S-adenosylmethionine decarboxylase 2 (CAB64600)	2e-22
2P11 ^{b,f}	CD151446	3	AC134886	0	putative auxin-regulated cytosolic kinase (BAC16492)	5e-19
2P24 ^{c,f}	CD151451	8	AP003884	3e-54	putative GMP synthase (BAC22314)	5e-27
C14 ^{c,f}	CD150771	1	AP003344	0	tylactone synthase starter module (AAB66504)	6e-01

1J01 ^{c,e}	CD151011	12	AL513005	8e-47	pyruvate kinase-like (AAM25747)	2e-33
C51 ^{c,f}	CD150807	1	AP003924	0	asparaginyl endopeptidase (BAA84650)	e-27
3D18 ^f	CD150932				similar to O-linked GlcNAc transferases (AAM65399)	4e-54
2J12 ^{a,f}	CD151329				NADH dehydrogenase I, M subunit (AAK23913)	2.3
2H14 ^{c,f}	CD150980	8	AP004213	7e-10	cytochrome c oxidase, subunit II (AAK25369)	3.2
1K21 ^e	CD151362	2	AP004187	5e-30	ferredoxin-NADP+ reductase (BAA04616)	e-09
2M15 ^f	CD151116	10	AC079029	5e-30	putative gibberellin oxidase (AAN92286)	2e-50
2E22 ^{a,f}	CD151254				putative alanine aminotransferase (BAC20747)	7e-08
C32 ^{c,f}	CD150789	1	AP003368	e-171	putative acyl-CoA: 1-acylglycerol-3-phosphate acyltransferase (BAB92544)	e-111
2A01 ^{c,f}	CD150870	4	AL662964	2e-68	putative subtilase (BAB89065)	7e-24
3D06 ^{c,f}	CD150925	1	AP002901	e-111	homoserine kinase (CAB72618)	9.2
1J13 ^{c,e}	CD151021	1	AP004331	e-172	similar to cdc2 protein kinase (AAF87863)	2.5
3L01 ^{c,f}	CD151053	1	AP003409	5e-50	transketolase (NP_335945)	6.4
1K06 ^e	CD151079	1	AP003200	e-167	casein kinase-like protein (BAB56099)	4e-25
1H06 ^{c,e}	CD150999	3	AC090713	5e-85	casein kinase II alpha subunit (BAB21589)	2e-71
1O17 ^e	CD151163	6	AP001389	0	similar to iron superoxide dismutase (BAA92737)	e-21

3E21 ^{c,f}	CD151256	1	AP003855	e-104	carbonic anhydrase 3 (AAD56038)	9e-63
3P23 ^f	CD151454	10	AC060755	2e-71	putative adenosine kinase (AAK00437)	9e-07
1C10 ^e	CD151213	8	AP004885	0	putative glucan synthase (AAD31571)	5.2
2P19 ^{a,f}	CD151430				NADP-malate dehydrogenase (AAA87008)	2e-04
2L24 ^{c,f}	CD151378	1	AP003411	e-41	putative 2,3-bisphosphoglycerate independent phosphoglycerate mutase (BAB64833)	e-25
2M08 ^{a,c,f}	CD151386	6	AP002536	7e-50	prolyl aminopeptidase-like protein (CAB71084)	3e-28
1N19 ^{c,e}	CD151392	3	AC118132	9e-05	aconitase-iron regulated protein 1 (AAC26045)	7e-07
2N10 ^f	CD151403	1	AP004365	e-147	putative uridylate kinase (BAC05612)	e-47
2P08 ^{c,f}	CD151423	2	AP005772	4e-73	putative cytochrome P450 monooxygenase (AAK20054)	8e-07
3B02 ^f	CD150873	10	AC027038	e-133	putative glutamine synthetase (AAN05527)	4e-47
1O06 ^e	CD151154	7	AP005831	e-139	acetolactate synthase III large subunit (ilvI) (AAC23233)	0.37
3E12 ^f	CD151262	3	AC134234	0	putative phosphoenolpyruvate carboxykinase (AAL86512)	e-09
1O10 ^{a,e}	CD151433	2	AP005394	6e-38	mutT domain protein-like (BAA97158)	3e-18
C90 ^g	CD150846	8	AP004375	4e-70	putative alpha-galactosidase preproprotein (AAM92832)	8.6
3K12 ^{c,f}	CD151376	3	AC084767	0	putative chelatase subunit (AAK72264)	5e-68
2C04 ^f	CD150910	2	AP004187	e-86	hydroxypyruvate reductase (HPR) (AAM20404)	5e-26

1E04 ^e	CD150946				related to type 2C protein phosphatase (CAB91227)	8.9
2G06 ^f	CD151001	2	AP004187	e-11	NADH-dependent hydroxypyruvate reductase (CAA41434)	1.6
1I05 ^{c,e}	CD151036	8	AP004190	e-124	putative mitochondrial RNA helicase (AAK71567)	7.5
1L16 ^e	CD151072	5	AC136219	3e-10	putative aspartate-tRNA ligase (AAN41339)	e-23
1N17 ^{a,e}	CD151127				aminoDAHP synthase (AAC01718)	2.8
3A21 ^f	CD151190	11	AC138197	e-124	similar to alpha-xylosidase precursor (BAA99366)	6.4
2G02 ^{c,f}	CD150973	2	AP005323	e-117	putative cytosolic monodehydroascorbate reductase (AAL87166)	e-90
2C24 ^f	CD151231	11	AC123527	3e-90	putative type IIB calcium ATPase (BAB89725)	e-45
1H19 ^{c,e}	CD151276	1	AP003346	9e-53	putative ATP-dependent Clp protease regulatory subunit CLPX (BAC00633)	3e-84
1O23 ^{c,e}	CD151449	1	AP002903	e-150	putative aspartate transaminase (BAB63467)	8e-72
C11 ^{b,f}	CD150768	3	AC134769	e-116	ATP-dependent protease proteolytic subunit (AAM60971)	6e-14
2F02 ^{b,f}	CD150937	4	AL731639	e-97	ATP-dependent protease (CD4A) (AAA34160)	8e-06
3K16 ^f	CD151076	3	AC118670	2e-68	putative 3-beta hydroxysteroid dehydrogenase /isomerase protein (AAK73149)	2e-72
2H21 ^{c,f}	CD151288	2	AP005846	0	phospho-beta-glucosidase (AAC05714)	9
1L08 ^{c,e}	CD151340	1	AP003411	e-62	putative 2,3-bisphosphoglycerate-independent	e-46

					phosphoglycerate mutase (BAB62580)	
2P09 ^{c,f}	CD151436	1	AP003727	5e-81	putative sphingosine-1-phosphate lyase (BAB62623)	3e-37
2L02 ^{c,f}	CD151051	1	AP003264	e-167	NADH dehydrogenase ND6 (CAA33908)	9e-46
2H11 ^{a,f}	CD151293				citrate synthase (AAL01662)	1.4
3M10 ^f	CD151404	8	AP004667	0	iron-sulfur binding reductase, degenerate (AAL64320)	9.4
2J07 ^{a,f}	CD151305				citrate synthase (AAL01663)	7.8
C74 ^f	CD150830				Membrane-associated histidine kinase with HAMP domain (AAK81442)	2.1
1K09 ^{a,e}	CD151353				putative exonuclease (AAO63566)	5.8
Singnal transducer						
C29 ^{c,f}	CD150786	8	AP004704	e-33	putative ER lumen retaining receptor (AAM63347)	6e-64
C31 ^{c,e}	CD150788	1	AP003264	0	putative tubby-like protein (BAB93319)	6e-91
3E03 ^{c,f}	CD150950	5	AP005619	e-119	signal recognition particle subunit 9 (CAA71203)	9e-15
2P06 ^{c,f}	CD151159	8	AP005493	2e-66	putative signal recognition particle protein (AAK93679)	3e-29
3O19 ^{c,f}	CD151431	1	AP003265	4e-13	putative signal recognition particle 54K protein (BAB89854)	e-20
2E06 ^{c,f}	CD150962	1	AP003250	e-131	putative receptor serine/threonine kinase (BAB64146)	4e-50
2H16 ^f	CD150994	6	AP004685	7e-12	putative serine/threonine protein kinase (BAB63697)	0.057

1H22 ^e	CD151287	4	AL606686	5e-63	putative serine/threonine protein kinase (AAM52323)	5e-16
2M07 ^f	CD151385	6	AP003621	e-112	MAP kinase homolog (AAF23902)	e-29
3G09 ^{b,f}	CD151284	5	AC087551	3e-37	tumor necrosis factor receptor 2 related protein (AAA36757)	1.8
3F12 ^f	CD151263	11	AC121328	0	receptor protein kinase-like protein (BAC20627)	6e-17
C69 ^{a,e}	CD150825				receptor kinase-like protein (AAC49123)	0.61
3H24 ^f	CD151303	10	AC074283	3e-80	putative receptor-like protein kinase 4 (AAK02023)	2e-83
1C19 ^{a,c,e}	CD151207	1	AP003431	0	putative S-receptor kinase (BAB92653)	e-20
3J06 ^{c,f}	CD151043	1	AP003338	0	receptor-like kinase (AAF78019)	2e-86
3O06 ^{c,f}	CD151161	1	AP002747	0	putative receptor kinase (BAB17344)	9e-79
3E15 ^{c,f}	CD150956	2	AP004778	0	growth factor-regulated tyrosine kinase substrate-like protein (AAL58181)	2e-29
1D11 ^e	CD151224	3	AC125496	0	putative vacuolar sorting receptor protein (AAN05373)	3e-63
2B05 ^f	CD150889	7	AP005181	4e-21	putative vacuolar sorting receptor protein (AAN05373)	2e-62
		10	AC079634	0		
3P09 ^{a,c,f}	CD151439	9	AC108756	e-139	sensory transduction histidine kinase (BAA17045)	0.3
Structural molecule						
C5 ^f	CD150762				ribosomal protein S7 (AAN04468)	1e-83
3M13 ^{c,f}	CD151106	8	AP003884	5e-73	ribosomal protein L7A (BAA02156)	3e-70

C25 ^f	CD150782	7	AP003827	e-156	ribosomal protein (BAC15877)	2e-39
2G05 ^{c,f}	CD151000	1	AP004672	0	ribosomal protein L27 precursor (AAC05674)	3e-13
C83 ^f	CD150839	2	AP004053	e-61	60S ribosomal protein L14 (AAM62673)	e-52
3C10 ^{c,f}	CD151219	2	AP005612	e-119	putative 60S ribosomal protein (BAB91757)	3e-59
1N08 ^e	CD151384	5	AC129718	4e-38	putative 60S ribosomal protein L30 (BAB90388)	7e-19
3L05 ^f	CD151084	7	AP003827	9e-09	putative 60S ribosomal protein L44 (BAC15877)	8e-10
3A13 ^f	CD150878	7	AP003759	e-110	putative 60S ribosomal protein (BAC06940)	3e-13
1J23 ^{c,e}	CD151332	1	AP003232	e-122	putative 50S ribosomal protein L34 (BAB92266)	e-14
1J16 ^{c,e}	CD151035	3	AC092075	e-149	40S ribosomal protein S6 (BAC10193)	3e-50
2E17 ^f	CD150967	7	AP005764	e-135	putative 40S ribosomal protein S12 (BAC20920)	3e-38
2C03 ^f	CD150909	3	AC134230	e-135	chloroplast ribosomal protein S1 (AAA34045)	3e-39
3N15 ^{c,f}	CD151121	8	AP004562	e-100	cytoplasmatic ribosomal protein S13 (CAA44311)	2e-69
C78 ^e	CD150834	1	AP003270	0	actin (CAA33872)	2e-74
2P13 ^{a,f}	CD151141				alpha tubulin (CAA77988)	3e-09
2N15 ^f	CD151117	7	AP003845	8e-99	alpfa tubulin (CAA77988)	e-30
Transporter						
C15 ^{b,f}	CD150772	5	AC105259	1e-15	putative triose phosphate translocator (BAB17213)	4e-80

C55 ^e	CD150811				plasma intrinsic protein (AA039008)	2.1
1D03 ^{c,e}	CD150907	1	AP003311	8e-07	putative peptide transporter (AAG46153)	e-27
		4	AL607004	0		
2D18 ^f	CD150929	3	AC116604	2e-70	putative peroxisomal Ca-dependent solute carrier protein (BAB16462)	0.099
3E02 ^f	CD150938	4	AL662996	2e-46	putative calcium-transporting ATPase (AAM08790)	9e-08
3E13 ^f	CD150944	3	AC128647	e-78	H ⁺ -ATPase (AAA68175)	7e-19
		11 ^b	AC120526	e-78		
1F04 ^{c,e}	CD150948	1	AP003300	e-51	putative vacuolar ATP synthase subunit d (BAB89911)	2e-63
1I18 ^e	CD151044	12	AL772427	e-115	putative permease 1 (BAB61205)	3e-21
3L14 ^f	CD151061	2	AC069158	e-108	putative ABC transporter (AAK98701)	4e-75
2P17 ^f	CD151168	12	AL513003	5e-05	putative ABC transporter (AAC98048)	2.3
1M12 ^e	CD151412	9	AP005129	e-155	putative ABC transporter (AAM18755)	e-32
2L06 ^f	CD151083	4	AL662970	2e-90	MgATP-energized glutathione S-conjugate pump (AAC04246)	6e-44
1L17 ^{c,e}	CD151086	1	AP003300	e-54	voltage-dependent anion channel (CAC80851)	2e-54
2D07 ^{c,f}	CD151202	9	AP005508	e-112	voltage-dependent anion channel (CAB82853)	2e-70
1C21 ^{c,e}	CD151220	8	AP004592	4e-32	anthocyanin-related membrane protein 1 (BAB70612)	e-12

1E07 ^{c,e}	CD151233	3	AC073556	0	sodium-dependent high affinity glutamate transporter GLT-1A (AAG13411)	0.51
1G08 ^{c,e}	CD151269	7	AP004570	0	putative potassium transporter (CAD20997)	e-44
3G08 ^{c,f}	CD151274	6	AB023482	e-105	syntaxin of plants SYP132 (NP_568187)	6e-39
1L20 ^{c,e}	CD151347	4	AL606454	0	putative cyclic nucleotide and calmodulin-regulated ion channel protein (AAK16188)	3e-18
1M07 ^e	CD151381	10	AC073391	e-22	putative phosphate transporter OsPT1 (AAN39042)	e-19
2O20 ^f	CD151429	4	AL606656	e-121	putative glucose-6-phosphate tranlocator (BAB41206)	2e-07
3C19 ^{b,f}	CD151209	3	AC135207	e-143	chloroplast import-associated channel homolog (CAB51191)	5e-72
1M08 ^e	CD151382	4	AL663010	e-127	putative iron-phytosiderophore transporter protein (BAB68117)	8e-07
1B16 ^{c,e}	CD150882	1	AP003311	e-158	putative peptide transport protein (BAB16458)	0.004
3B16 ^f	CD150884	1	AP002953	e-129	putative SecA-type chloroplast protein transport factor (BAB21229)	7e-50
C86 ^{c,f}	CD150842	1	AP004330	e-150	SecY-independent transporter protein (AAM96630)	2.7
Other function						
1G03 ^e	CD150981	1	AP003213	e-131	putative ARG1 protein (Altered Response to Gravity) (BAB32957)	6e-45
1D23 ^{c,e}	CD151230	8	AP005505	e-168	germin-like protein 2 precursor (AAD43972)	e-73

3E23 ^{c,f}	CD151266	1	AP003047	e-143	gigantea homologue(CAB56058)	9e-65
2K19 ^f	CD151348	9	AP006149	e-143	Tcte-1 peptide (AAA40406)	1.2
1L09 ^{a,e}	CD151355				T69 (AAK57113)	2.4
2N23 ^{a,f}	CD151419				immunoglobulin heavy chain variable region (AAL16964)	0.86
C96 ^{c,e}	CD150852	1	AP003727	5e-88	putative light-regulated protein (BAB64256)	6e-37
C105 ^{c,e}	CD150861	8	AP003917	e-171	kinesin-like protein (CAB75639)	1.3
3A19 ^{c,f}	CD151178	10	AC069300	3e-98	keratin reading frame (CAA24214)	6.5
C2 ^{c,f}	CD150759	2	AP004770	4e-67	kinesin heavy chain-like protein (BAC15970)	3.7
3I15 ^{c,f}	CD285457	7	AP004300	2e-60	putative TGF (transforming growth factor) beta inducible nuclear protein TINP1 (BAC16002)	e-21
1P13 ^{a,e}	CD151139				capsid protein VP1 (AAD17737)	5.5
1F20 ^{b,e}	CD151240	5	AC093952	9e-50	rev interacting protein-like (BAB89130)	7e-56
1F19 ^e	CD151239	10	AC024129	e-55	required for meiotic nuclear division (NP_683716)	0.99
3F20 ^{c,f}	CD151244	8	AP003886	e-143	large T antigen (CAB59361)	3.4
3E24 ^f	CD151267	11	AC108871	e-179	putative ring finger protein (AAG46117)	5.3
1G11 ^{c,e}	CD151291	1	AP002522	3e-76	putative ppf-1 protein (BAB03614)	9e-18
3I12 ^{c,f}	CD151330	4	AL606692	e-114	oryzain alpha precursor (BAA14402)	0.003

2M21 ^{b,f}	CD151406	5	AC084817	e-85	thioredoxin h-like protein (AAN63618)	e-15
2H22 ^{c,f}	CD151289	4	AL606687	5e-97	thioredoxin-like protein (CAB64225)	0.69
1N02 ^e	CD151093	6	AP003633	e-29	thioredoxin M (CAA06736)	9e-04
1G15 ^e	CD150988	1	AP003853	e-180	LEC14B like-protein (BAB84486)	5e-04
1N11 ^e	CD151413	7	AP005175	e-82	Pseudomonas inducible protein (BAB93255)	4e-13
3C22 ^{b,f}	CD151222	3	AC084406	0	putative thiamin biosynthesis protein (AAK21630)	e-101
3B14 ^{c,f}	CD150879	8	AP005528	2e-77	TnpX (AAB51419)	1.5
2M17 ^{a,f}	CD151129				radical fringe protein (AAD10827)	7.7
2O13 ^{c,f}	CD151140	3	AC084406	e-164	putative thiamin biosynthesis protein (AAK26130)	2e-69
3O08 ^f	CD151425	5	AC130601	7e-88	saline responsive OSSRIII protein (AAM00365)	e-12
1A17 ^e	CD150891	10	AC079888	0	putative glycine-rich protein (AAM93675)	2e-23
1N14 ^e	CD151101	11	AC125782	e-86	putative BLE2 protein (BAC20049)	4.5
1H10 ^e	CD151282	11	AC109594	e-165	similar to amelogenin precursor (BAC20669)	2e-19
3J02 ^{c,f}	CD151019	9	AP005811	4e-74	putative apospory-associated protein C (AAL87174)	2e-11
C64 ^f	CD150820	6	AP003628	3e-53	hyuC-like protein (CAB79007)	3e-35
3C18 ^f	CD150931	8	AP005520	2e-60	wound inducive gene (BAA95791)	3e-57
2C22 ^f	CD151221	6	AP004739	0	similar to wound-repressed gene (X59883)	1.7

2E09 ^f	CD151248	10	AC068951	e-139	putative stress inducible protein (AAM93720)	7.3
1F24 ^e	CD151265	2	AP004078	8e-68	cold shock protein-like (BAB89228)	9e-09
C37 ^{a,e}	CD150794				temperature stress-induced lipocalin (AAL75812)	0.41
3N23 ^{a,c,f}	CD151421	1	AP003924	e-143	similar to membrane-associated salt-inducible protein isolog (BAB85394)	3e-47
3C06 ^f	CD150924	4	AL606651	e-155	putative membrane-associated salt-inducible protein (AAM91881)	4e-22
2A18 ^f	CD150894				similar to putative argonaute protein (BAA88176)	3e-58
3K07 ^f	CD151343	11	AC134924	e-48	putative dormancy-associated protein (AAL78369)	e-12
2C09 ^f	CD151216	11	AC134924	2e-80	putative dormancy-associated protein(AAL78369)	6e-30
3M07 ^f	CD151389	7	AP004315	e-141	putative light-regulated protein (BAB64256)	3e-07
1B06 ^e	CD150887	9	AP005568	e-168	putative senescence-associated protein (AAG13616)	0.002
C57 ^{c,f}	CD150813	7	AP004308	0	senescence-associated putative protein (BAC16013)	2e-98
3A12 ^f	CD151196	4 ^c	AL731605	e-130	ORF16-lacZ fusion protein synthetic construct (AAA72562)	8e-07
		7	AP005543	e-130		
		10	AC074232	e-130		
1J15 ^{c,e}	CD285455	1	AP003343	e-135	similar to phytochrome A supressor (BAB90064)	e-28
C98 ^f	CD150854	8	AP004375	2e-74	ICAM-4 (AAG30953)	9.2

C102 ^f	CD150858	1 ^c	AP003255	8e-18	similar to transposon MuDR mudrA protein isolog (BAA92402)	8e-09
		12 ^c	AL928756	e-109		
C53 ^f	CD150809	7	AP005197	3e-43	ADP-ribosylation factor 1 (AAB65432)	2e-60
C54 ^{a,f}	CD150810				ADP-ribosylation factor 1 (AAB65432)	4e-71
2K20 ^{b,f}	CD151349	3	AC092262	e-171	prostate specific antigen (CAA51957)	0.36
2C11 ^{c,f}	CD151226	6	AP004758	e-128	ACP76 (AAG38157)	9.4
1F08 ^e	CD151235	2	AP004053	e-137	minor capsid protein (AAC13831)	5.4
2I13 ^{a,b,f}	CD151022	4	AL663006	e-103	putative cytochrome b-561 (AAG13625)	2e-18
1E01 ^{a,e}	CD150933	1	AP003277	6e-80	P32 ADHESIN (P32_MYCGA)	4.2
1F14 ^e	CD150942	8	AP004764	4e-49	calcineurin-like protein (AAL25650)	2e-48
3B10 ^f	CD151186	6	AP005769	2e-94	putative glutaredoxin (NP_197550)	8e-26
1A21 ^e	CD151187	5	AC119288	2e-83	KED (EAA20695)	9.9
1F03 ^{a,c,e}	CD150947	4	AL606628	e-161	transcriptional antiterminator (NP_347983)	3.8
1O14 ^e	CD151138	1	AP003240	0	Os-FIERG2 gene product (AAC04628)	6e-27
1K10 ^e	CD151354	6	AP006050	0	triadin 95kDa (TRISK 95) (CAB64604)	4e-02
C104 ^{c,f}	CD150860	2	AP005651	2e-85	putative terminal ear1 (BAB92568)	2e-11
2E10 ^{c,f}	CD151249	12	AL713945	0	polyprotein (AAK13116)	2e-36

3K10 ^f	CD151360	9	AP005590	e-105	NOI protein (AAB86939)	3e-43
2J22 ^{c,f}	CD151322	11	AC109832	2e-69	putative flower development regulator (BAB92482)	0.7
2B20 ^f	CD151177	3	AC104487	2e-88	c-fps proto oncogene (CAA26155)	1.6
2N08 ^{b,f}	CD151388	4	AL732350	3e-74	putative syringolide-induced protein 1-3-1B (BAC05661)	0.003
2N01 ^{a,f}	CD151095				DNA-damage inducible protein DDI1-like (BAB02792)	5e-04
Unknown function						
3K19 ^f	CD151351	2	AP005285	5e-36	unknown protein (AAL32687)	2e-14
3G23 ^{c,f}	CD151302	3	AC092557	6e-98	unknown protein (BAC20822)	2e-13
C20 ^{c,e}	CD150777	10	AC025783	2e-99	unknown protein (AAK20043)	1e-41
3J24 ^{b,f}	CD151336	3	AC104473	e-160	unknown protein (AAN60995)	5e-49
C80 ^g	CD150836	1	AP003206	e-149	unknown protein (BAB19776)	6.3
C82 ^{c,f}	CD150838	1	AP003274	4e-73	unknown protein (BAB61223)	5e-63
C84 ^{c,e}	CD150840	8	AP004256	2e-37	unknown protein (AAG51760)	2e-10
1L13 ^e	CD151056	3	AC135206	0	unknown protein (AAP06861)	5e-48
2F06 ^f	CD150964	9	AP005093	3e-08	unknown protein (AAG48777)	9e-06
1G04 ^{c,e}	CD150982	8	AP005501	2e-39	unknown protein (BAC16048)	5e-31
2I01 ^f	CD151013	11	AC135794	0	unknown protein (AAL34158)	8e-15

2J20 ^{a,c,f}	CD151311	1	AP003022	7e-59	unknown protein(BAB78652)	9e-39
2L14 ^{b,f}	CD151058	5	AC113333	0	unknown protein (BAB84370)	2e-04
1L06 ^{c,e}	CD151080	8	AP005174	e-121	unknown protein (AAM65090)	e-07
3O16 ^{c,f}	CD151152	3	AC084320	e-105	unknown protein (AAK09242)	3e-55
3O05 ^f	CD151160	9	AP005729	e-163	unknown protein (AAG51412)	2e-10
3A24 ^f	CD151197	1	AP003077	e-179	unknown protein (BAB92188)	5e-71
3P10 ^{c,f}	CD151440	3	AC134236	2e-72	unknown protein (BAA90811)	7e-57
3O12 ^{a,c,f}	CD151447	2	AP005297	3e-81	unknown protein (AAL85020)	2e-15
3I08 ^f	CD151307	7	AP004348	7e-62	unknown protein (AAK76598)	3e-19
1H13 ^e	CD150978	3	AC136136	0	unknown protein (AAK52530)	9e-09
3K13 ^f	CD151059	4	AL606656	2e-30	unknown protein (AAM91116)	2e-57
1P20 ^e	CD151427	11	AC123521	e-81	unknown protein (AAF34415)	e-10
2L19 ^f	CD151350	8	AP005569	8e-33	unknown protein (AAK26041)	2e-05
3N21 ^{c,f}	CD151411	1	AP003631	0	unknown protein (BAB64214)	3e-33
C72 ^g	CD150828	6	AP001168	e-104	unknown protein (BAA90811)	3e-28
2C06 ^f	CD150922	2	AP004884	e-178	unknown protein (AAM10230)	2e-29
C81 ^{c,f}	CD150837	1	AP003342	e-123	unknown protein (BAB64688)	6e-33

1M18 ^e	CD151126	6	AP001129	e-121	unknown protein (BAB09074)	3e-07
3M17 ^f	CD151132	12	AL731761	2e-49	unknown protein (AAK0277)	0.55
C4 ^g	CD150761	6	AP005395	e-120	unknown protein (AAM20140)	0.022
2I14 ^{b,f}	CD151023	12	AL928753	7e-79	unknown protein (AAM91187)	5e-35
C43 ^{c,f}	CD150799	6	AP003575	e-128	unknown protein (BAB84363)	0.2
3I10 ^f	CD151316	3	AC079633	e-128	unknown protein (AAK92637)	2e-94
3I23 ^{c,f}	CD151333	2	AP004026	2e-72	unknown protein (BAC20692)	2e-11
3K09 ^f	CD151359	11	AC108872	2e-40	unknown protein (AAL31050)	9.7
1K22 ^e	CD151363	1	AP002953	9e-59	unknown protein (BAB21237)	e-78
C89 ^f	CD150845	12	AL844497	0	unknown protein (BAB64818)	0.4
C59 ^f	CD150815	3	AC119748	e-144	unknown protein (BAB32914)	3e-15
C6 ^{a,f}	CD150763	12	AL731761	e-175	unknown protein (BAB40160)	4e-04
2A07 ^{c,f}	CD151173	4	AL662959	4e-97	unknown protein (AAM64480)	e-17
C75 ^{b,f}	CD150831	11	AC109644	0	unknown protein (AAM91163)	7e-07
1B13 ^{c,e}	CD150874	8	AP005485	4e-83	unknown protein (AAM13377)	8e-46
2A05 ^f	CD150888	1 ^c	AP002818	1e-37	unknown protein (BAB16327)	2e-22
		2	AP004094	2e-46		

1D04 ^e	CD150908	1	AP003286	e-141	unknown protein (BAB89804)	e-53
2H04 ^{b,f}	CD150985	12	AL731888	e-102	unknown protein (AAL47395)	7e-42
2J05 ^{b,f}	CD151040	5	AC130605	e-105	unknown protein (BAB90687)	3e-48
2M20 ^{b,f}	CD151393	12	AL928753	e-147	unknown protein (AAL32684)	8e-26
1N13 ^e	CD151100	6	AP004685	e-101	unknown protein (BAB21288)	5.9
2O15 ^{b,f}	CD151149	3	AC103550	e-119	unknown protein (AAM61342)	8e-13
3A17 ^{c,f}	CD150895	1	AP003215	e-61	unknown protein(BAB62566)	3e-94
3P18 ^{c,f}	CD151170	8	AP003886	5e-92	unknown protein (AAG43284)	3
2O02 ^{c,f}	CD151136	1	AP003215	0	unknown protein (BAB62566)	e-28
3O20 ^f	CD151432	1	AP003213	5e-82	unknown protein (BAB60914)	3e-69
2B10 ^{c,f}	CD151183	4	AL731594	9e-32	unknown protein (BAB93356)	0.04
3C20 ^{c,f}	CD151210	4	AL606450	5e-87	unknown protein (BAB19385)	2
C66 ^{c,f}	CD150822	2	AP005286	5e-59	unknown protein (BAB90754)	6.9
C48 ^f	CD150804	4	AL606652	0	unknown protein (AAF26988)	e-57
2E19 ^{c,f}	CD151241	12	AL928756	e-110	unknown protein (AAG29199)	4e-31
C106 ^{c,f}	CD150862	1	AP001278	e-143	unknown protein (BAA92191)	e-61
1P09 ^{c,e}	CD151434	1	AP003222	e-161	unknown protein(BAB63547)	2e-45

3N13 ^{c,f}	CD151107	2	AP004045	e-161	unknown protein (BAB62549)	4e-25
2O06 ^f	CD151158	10	AC060755	e-110	unknown protein (AAK00450)	5e-68
3E19 ^f	CD151243	3	AC092852	2e-38	unknown protein (AAF01597)	4e-39
C108 ^{c,f}	CD150864	2	AP005284	e-152	unknown protein (AAF99850)	3e-25
1H24 ^e	CD151299	1	AP003269	0	unknown protein (BAB89702)	2e-87
3G01 ^{c,f}	CD150974	8	AP003883	e-82	unknown protein (AAG51005)	3.3
3E08 ^{c,f}	CD151237	2	AP004880	e-123	unknown protein (BAB86267)	0.082
2D08 ^{c,f}	CD151203	1	AP002913	0	unknown protein (BAB21196)	5e-76
1G06 ^{c,e}	CD150997	1	AP002819	e-133	unknown protein (BAB21076)	1.8
2J02 ^{a,c,f}	CD151016	3	AC093018	3e-46	unknown protein (BAB09499)	5e-16
C88 ^{b,f}	CD150844	10	AC025906	0	unknown protein (AAM97139)	e-04
C93 ^f	CD150849	9	AP005093	4e-73	unknown protein (AAG48777)	7e-45
C94 ^{c,f}	CD150850	1	AP003380	e-124	unknown protein (BAB92570)	e-26
C101 ^{c,f}	CD150857	4	AL606635	e-129	unknown protein (AAL38843)	0.5
1N10 ^e	CD151399	9	AP004756	e-159	unknown protein (AAH12978)	8.7
2M09 ^{c,f}	CD151400	8	AP004566	3e-86	expressed protein (NP_563819)	7.2
3O23 ^{a,f}	CD151452	6	AP004324	e-118	expressed protein (AAM97130)	0.026

3P11 ^{c,f}	CD151448	1	AP003264	9e-64	similar to Arabidopsis protein (BAB84384)	5e-20
3A11 ^{c,f}	CD151195	3	AC104321	2e-96	unnamed protein product (BAA01746)	8e-43
1A01 ^{a,e}	CD150868	6	AP003708	2e-35	unnamed protein product (BAA92402)	9e-09
1H17 ^{a,c,e}	CD151005	1	AP003416	5e-78	unnamed protein product (BAC03523)	9
2D02 ^f	CD150898	6	AP003614	0	unnamed protein product (BAC04446)	5.7
3P05 ^{c,f}	CD151162	8	AP004158	3e-87	EST (AAF18495)	2e-41
1L18 ^e	CD151087	5	AC120988	e-149	contains ESTs AU032194 (R3678)	3e-16
2F15 ^f	CD150955				rice callus and differential tissue SSH library (CA882810)	4e-08
2J14 ^f	CD151025				rice callus and differential tissue SSH library (CA882810)	4e-08
2N21 ^{a,f}	CD151408	4	AL606587	8e-73	hypothetical protein (BAB64131)	8
1O01 ^e	CD151134	4	AL662938	e-149	hypothetical protein(BAB39959)	3.5
2J13 ^{a,f}	CD151024				hypothetical protein (NP_701391)	5.1
1G17 ^e	CD151004	6	AP004792	e-131	hypothetical protein (BAB19353)	5e-39
1H07 ^{c,e}	CD151270	1	AP003260	e-113	hypothetical protein (BAB89638)	e-06
3G07 ^{c,f}	CD151273	1	AP002819	e-117	hypothetical protein (BAB21095)	e-38
2J01 ^f	CD151015	3	AC099324	6e-79	hypothetical protein (BAC07353)	3e-05
3G15 ^f	CD150995	6	AP004008	e-128	hypothetical protein (BAC16185)	2e-18

C110 ^{c,f}	CD150866	3	AC113930	e-109	hypothetical protein (BAB03354)	7e-15
3I03 ^f	CD151033	9	AP005587	0	hypothetical protein (BAB32904)	3e-06
1H11 ^{c,e}	CD151292	4	AL606443	e-25	hypothetical protein (BAC09397)	5e-21
1E12 ^{c,e}	CD151258	3	AC134237	0	hypothetical protein (AAF97333)	3e-33
C91 ^g	CD150847	4 ^c	AL662978	0	hypothetical protein (AAF09840)	e-21
		8	AP005161	0		
		10	AC074232	0		
C17 ^{c,f}	CD150774	2	AP004780	e-158	hypothetical protein (BAB93348)	5e-25
2N11 ^{c,f}	CD151414	4	AL662977	e-105	hypothetical protein (AAC18791)	3e-58
C56 ^e	CD150812	3	AC096688	3e-96	hypothetical protein (AAO20074)	7e-36
1P18 ^e	CD151166	1	AP003275	6e-30	hypothetical protein (BAB63647)	e-12
1B19 ^e	CD151176	7	AP003842	e-66	hypothetical protein (BAC07394)	2e-09
2A10 ^f	CD151182	3	AC118133	e-142	hypothetical protein (BAB90735)	e-28
2O22 ^{c,f}	CD151442	2	AP004683	0	hypothetical protein (AAF09603)	2.7
2B15 ^{c,f}	CD150883	4	AL606639	e-07	hypothetical protein (BAB74351)	0.14
2O12 ^f	CD151445	4	AL606646	e-91	hypothetical protein (AAK63939)	3e-15
3O24 ^f	CD151453	7	AP004342	6e-29	hypothetical protein (AAD15333)	3.1
1C24 ^{a,e}	CD151229				hypothetical protein(BAB90376)	0.051

C77 ^{a,g}	CD150833	10	AC077693	2e-66	hypothetical protein (AAL86488)	9e-12
1H16 ^{c,e}	CD150990	4	AL606639	6e-40	hypothetical protein (BAB89426)	0.26
1D18 ^{b,e}	CD150927	5	AC135924	e-125	hypothetical protein (BAB39994)	5.1
2F22 ^{a,f}	CD151255				hypothetical protein (AAD17018)	1.7
2E16 ^f	CD150954	4	AL606638	e-154	hypothetical protein (BAA95856)	6.1
2I12 ^{c,f}	CD151327	6	AP004844	0	hypothetical protein (BAC19994)	2.2
1J04 ^{c,e}	CD151030	3	AC135958	0	hypothetical protein AAF00631)	5e-08
C70 ^{c,e}	CD150826	1	AP003374	e-157	hypothetical protein (BAB93320)	e-91
3C15 ^f	CD150919	7	AP005253	6e-21	hypothetical protein (BAB90608)	4e-06
3C23 ^{a,f}	CD151232				hypothetical protein (NP_207520)	1.8
3K14 ^{a, c,f}	CD151060	2	AP005408	e-120	hypothetical protein (CAB67212)	0.003
3F04 ^{c,f}	CD150952	6	AB023482	e-118	hypothetical protein (AAM18729)	0.002
2M13 ^{a,c,f}	CD151102	1	AP003371	e-121	hypothetical protein (BAC03303)	7e-17
3D02 ^{a,f}	CD150900	9	AP005129	0	hypothetical protein (CAB66527)	5.7
3D04 ^f	CD150914	3	AC119748	7e-79	hypothetical protein (AAK18935)	8.1
2D03 ^{c,f}	CD150911	9	AP005700	e-109	hypothetical protein (BAB90100)	4e-17
1E13 ^e	CD150940	1	AP004613	0	hypothetical protein (BAC00735)	3e-50

1M16 ^{c,e}	CD151115	11	BX000493	4e-61	hypothetical protein (BAC10781)	3.6
3E16 ^f	CD150957	7	AP005149	e-127	hypothetical protein (BAC07009)	e-04
3I24 ^{c,f}	CD151334	4	AL606639	3e-59	hypothetical protein (AAN06867)	3
1K19 ^e	CD151346	9	AP005583	e-174	hypothetical protein (BAB91951)	3.9
3G21 ^{c,f}	CD151290	12	AL731756	8e-91	hypothetical protein (BAC16678)	2e-06
2J11 ^{c,f}	CD151328	8	AP005411	e-105	hypothetical protein (BAB78679)	0.05
1L07 ^{a,e}	CD151339	10	AC122144	e-140	hypothetical protein (AAM44892)	e-73
3M18 ^{c,f}	CD151133	2	AP005002	6e-45	hypothetical protein(BAB63758)	6e-32
2I21 ^f	CD151321	1	AP002971	e-102	hypothetical protein (BAB39295)	2e-39
1C15 ^e	CD150915	2	AP004865	0	hypothetical protein (AAM91877)	7e-11
2J17 ^{a,f}	CD151046				hypothetical protein (BAB84384)	3e-45
3L16 ^f	CD151077	7	AP005438	0	hypothetical protein (BAB19409)	0.62
1F13 ^{a,e}	CD150941				hypothetical protein (CAB73811)	4.7
2E20 ^{c,f}	CD151242	3	AC105733	e-124	hypothetical protein (BAC07022)	3.5
C28 ^f	CD150785	6	AP003711	0	hypothetical protein (BAB68048)	2e-09
2F07 ^{b,f}	CD151236	12	AL773425	e-143	hypothetical protein (F86312)	4e-08
3I22 ^f	CD151323	6	AP001389	3e-44	hypothetical protein (BAA92723)	7e-12

1K08 ^e	CD151338	7	AP004572	e-94	hypothetical protein (EAA17960)	2.7
3E11 ^f	CD151261				hypothetical protein (AAO51658)	1.8
2E21 ^{c,f}	CD151253	12	AL928756	2e-57	hypothetical protein (H86163)	0.15
3F05 ^{c,f}	CD150965	8	AP004460	3e-28	hypothetical protein (AAL86488)	0.002
2L18 ^{a,c,f}	CD151090	2	AP004776	6e-32	hypothetical protein (BAB85388)	e-06
2M04 ^{b,f}	CD151111	12	AL731890	e-127	hypothetical protein(CAC09512)	3e-17
C111 ^e	CD150867	8	AP004375	e-118	hypothetical protein (BAB16924)	e-16
2B01 ^f	CD150871	1	AP003238	e-66	hypothetical protein (BAB63608)	5e-54
1G01 ^e	CD150970	5	AC112160	e-111	hypothetical protein (AAC74002)	2.1
2G15 ^f	CD150991	6	AP005459	6e-76	hypothetical protein (CAC39344)	3
2J15 ^{a,f}	CD285456				hypothetical protein (AAN36115)	4.1
C36 ^g	CD150793	2	AP004865	0	hypothetical protein (BAB63857)	4.4
2H05 ^{a,f}	CD151002	2	AP004187	e-11	hypothetical protein (AAN35847)	1.2
1H09 ^e	CD151281	5	AC093921	0	hypothetical protein (EAA21597)	0.7
1G22 ^e	CD151286	9	AP005971	e-140	hypothetical protein (BAA96616)	4.8
1D07 ^e	CD151201	3	AC104179	0	hypothetical protein (AAD17434)	3e-22
1B21 ^e	CD151188	10	AC079029	e-112	hypothetical protein (AAM92295)	e-29

3B24 ^f	CD151199	11	AC131343	4e-84	hypothetical protein (BAB62625)	e-39
3E18 ^{a,f}	CD150969	10	AC077693	3e-60	hypothetical protein (AAL86488)	0.003
1P12 ^{a,e}	CD151444				hypothetical protein (AAK39395)	0.96
3N11 ^{b,f}	CD151416	5	AC093953	3e-96	hypothetical protein (BAB19346)	3.7
1K07 ^{a,e}	CD151337				hypothetical protein (CAB95446)	7.9
3P03 ^{a,c,f}	CD151147	1	AP003227	8e-83	hypothetical protein (CAB11146)	8.8
1F23 ^{a,e}	CD151264				hypothetical protein (CAB73811)	5.5
C92 ^f	CD150848	9	AP005710	e-149	hypothetical protein (AAM32567)	2.2
2K12 ^{a,f}	CD151373				hypothetical protein (XP_289308)	1.5
1O18 ^e	CD151164	7	AP003835	0	putative polyprotein (AAL31078)	4.2
3M19 ^f	CD151394	9	AP005551	0	putative protein (CAB89045)	0.008
1M14 ^{c,e}	CD151099	4	AC135563	e-151	putative protein (CAB68187)	2e-20
1C17 ^e	CD150926	1	AP002836	e-121	putative protein (BAB03425)	e-31
3M11 ^f	CD151415	4	AL606641	3e-45	putative protein (CAA18171)	e-43
C10 ^f	CD150767	3	AC126221	e-119	putative protein (CAB80629)	8e-68
1J05 ^{c,e}	CD151038	8	AP003882	e-125	putative protein (CAB82981)	3e-37
3A07 ^f	CD151174	5	AC129718	e-137	putative protein (CAB63015)	5e-12

3L10 ^{c,f}	CD151361	6	AP004758	7e-76	putative protein (CAB52557)	2e-33
1G21 ^{c,e}	CD151285	12	AC027133	e-72	putative protein (CAB75818)	4e-43
3I14 ^{a,f}	CD151027	6	AP000391	4e-48	putative protein (CAB81929)	3e-25
1I13 ^e	CD151020	6	AP001168	e-112	putative protein (BAA90807)	8e-25
2I03 ^f	CD151031	1	AP003104	e-100	putative protein (CAB39942)	9.7
3L02 ^{c,f}	CD151054	3	AC135595	0	OSJNBa0052P16.16 (CAD39512)	e-25
3A02 ^{c,f}	CD150872	4	AL606610	2e-59	OSJNBb0012E08.10 (CAD40786)	8e-38
C99 ^e	CD150855	2	AP005385	3e-75	OJ000223_09.16 (CAD41404)	e-88
1B18 ^e	CD150892	4	AL442115	e-137	OSJNBa0029H02.6 (CAD41490)	4e-33
2C01 ^{c,f}	CD150896	4	AL606592	e-171	OSJNBa0006B20.3(CAD40812)	4e-63
1M23 ^e	CD151417	7	AP005186	e-45	OSJNBa0052O21.22 (CAD40037)	3.9
C42 ^{b,f}	CD150798	4	AL662973	e-110	OSJNBb0089K24.13 (CAD39404)	0.54
3C03 ^f	CD150912	4	AL606615	0	OSJNBa0086B14.21 (CAD40849)	e-52
C45 ^f	CD150801	4	AL442115	0	OSJNBa0029H02.13 (CAD41497)	2e-85
2I02 ^{c,f}	CD151014	6	AP003488	2e-89	OSJNBa0064H22.10 (CAD40865)	6e-05
3J19 ^{c,f}	CD151312	8	AP004374	0	OSJNBb0011N17.22 (CAD41105)	5e-52
1K18 ^{b,e}	CD151085	3	AC097279	8e-68	At2g27920/T1E2.16 (AAL06502)	e-06

1I19 ^{c,e}	CD151308	2	AP004063	e-89	T23E23.2 (AAF87159)	2e-21
1K04 ^e	CD151062	3	AC092852	0	F1N19.8 (AAF19690)	4e-37
C103 ^f	CD150859	2	AP004126	3e-84	oj000126_13.8 (CAD40586)	2e-55
		2	AP004156	6e-24		
		2	AP004851	6e-24		
2P10 ^{c,f}	CD151437	4	AL606454	2e-46	zhb0018.1 (CAB55426)	3e-23
1M19 ^e	CD151391	1	AP001551	8e-71	corresponding to a region of the predicted gene (BAA92966)	e-66
1K13 ^{c,e}	CD151055	8	AP004654	2e-69	CAA303719.1 protein (CAB53492)	e-52
3G18 ^{c,f}	CD151009	9	AC108760	e-153	oj991113_30.14 (CAD41332)	5.3
3I13 ^{b,f}	CD151026	5	AC104277	0	agCP7749 (EAA08901)	2.7
2M03 ^{a,f}	CD151110	3	AC116426	4e-11	P0458A05.18 (BAB19409)	0.73
2L07 ^{c,f}	CD151342	8	AP005505	e-121	L3342.4 (AAF70532)	2.1
1F18 ^e	CD150966	7	AP005200	e-112	oj000126_13.12 (CAD40590)	1.8
2M10 ^{b,f}	CD151401	5	AC104713	0	CG5249-PA (AAF50759)	1.6
3F03 ^{c,f}	CD150951	11	AC135561	2e-71	P0534A03.6 protein (BAC57718)	7.2
2K05 ^f	CD151081	4	AL606633	4e-74	GLP_113_4299_5381 (EAA37074)	7.9
2D11 ^{a,f}	CD151227				C05B5.5 protein (S43572)	1.3
3H08 ^{c,f}	CD151275	8	AP005439	e-124	KIAA0443 (BAA23715)	2.1

1I09 ^{c,e}	CD151313	1	AP002903	3e-08	ORF124 (AAF33653)	3.2
C13 ^f	CD150770	1 ^c	AP003280	0	ORF (NP_817268)	8e-07
		4 ^c	AL662978	0		
		10	AC074232	0		
2J08 ^{a,f}	CD151306				homologous to ORF YKR058w~ORF18 (CAA60818)	5.5

No hits found

2C15 ^f	CD150917	6	AP003711	2e-14		
2B06 ^f	CD150890	10	AC118132	4e-10		
2L21 ^f	CD151367	7	AP005674	e-123		
2B21 ^{c,f}	CD151189	1	AP003232	4e-27		
1A11 ^{c,e}	CD151191	4	AL606997	e-101		
3O09 ^{c,f}	CD151438	3	AC133340	2e-17		
1E03 ^{c,e}	CD150945	2	AP005772	e-136		
C52 ^f	CD150808	9	AP005397	0		
2E05 ^{b,f}	CD150961	2	AP004091	e-133		
1M15 ^e	CD151114	11	AC120533	e-91		
3O04 ^{c,f}	CD151146	3	AC092557	e-142		

3F08 ^{c,f}	CD151238	2	AP004153	2e-45
2K10 ^{a,c,f}	CD151356	6	AP003575	3e-19
2K06 ^f	CD151082	1	AP003288	e-143
2K21 ^f	CD151365	11	AC137064	2e-27
1O13 ^e	CD151137	4	AL662988	4e-06
3I01 ^f	CD151017	12	AL831808	5e-23
1M03 ^e	CD151108	12	AL513403	5e-66
1M10 ^{a,c,e}	CD151397	9	AP006162	1e-66
2N17 ^{c,f}	CD151130	12	AL513003	8e-15
3K02 ^{c,f}	CD151052	1	AP000836	0
1A07 ^e	CD151171	6	AP003514	e-47
3C17 ^{c,f}	CD150930	2	AP005538	2e-09
2E03 ^{b,f}	CD150949	12	BX000511	1e-10
2H18 ^f	CD151008	9	AP006149	2e-20
2F13 ^{a,f}	CD150943			
1C14 ^{a,e}	CD150902			
2H13 ^{a,f}	CD150979			

2P15 ^{a,f}	CD151151
1F07 ^{a,e}	CD151234
1D12 ^{a,e}	CD151225
2F09 ^{a,f}	CD151250
2F11 ^{a,f}	CD151260
2H07 ^{a,f}	CD151272
2H20 ^{a,f}	CD151278
2H09 ^{a,f}	CD151283
2J09 ^{a,f}	CD151314
2L11 ^{a,f}	CD151374
2N07 ^{a,f}	CD151387
2B12 ^{a,f}	CD151194
2D12 ^{a,f}	CD151228
3J23 ^{a,f}	CD151335
2N09 ^{a,f}	CD151402
2L09 ^{a,f}	CD151357
2J06 ^{a,f}	CD151041

2H15 ^{a,f}	CD150993
1I12 ^{a,e}	CD151324
2N13 ^{a,f}	CD151104
1F06 ^{a,e}	CD150960
2L17 ^{a,f}	CD151089
1N18 ^{a,e}	CD151128
1K15 ^{a,e}	CD151069
1J12 ^{a,e}	CD151326

^aNovel rice ESTs.

^bESTs assigned to chromosomes but not map on the molecular linkage map.

^cEST co-localized with resistance QTL.

^dChr, chromosome.

^eEST from cDNA library I.

^fEST from cDNA library II.

^gEST both from cDNA library I and II