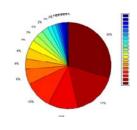


Co-regulatory TF	Tissue	-40g(P)	
**	**	**	
CHIXTO	erye	28.4156	
HNE-1	kidney	23 6826	
COUP/TEANE-4	kidney	22.6516	
PID/2	898	19.1804	
HNE.1	small_intestine	19 1628	
CROC	1010	18.5542	
HNF-4ALPHA	locity	16 8834	
NK26-2	smal_intestine	15 6923	
1003	small_intestine	15.1010	
STAT5A	690	112.929	
EXR	eye	12.8655	
TAL-1EETATIE-2	<i>ay</i> 0	128105	
TAL-1EETAE-17	aye	12,7791	
45.1	liver	12.23	
C/EBP	muscle	11.6189	
PERSO	thymus	11.0019	
OCT-1	eye	10.7224	
MZF 1	eye	10 6372	
001-X	eye	10.5787	
AP-1	bladder	10.5385	
NE-AT	smal_intestine	10.2656	
MYOD	aya	10 2535	
RSRECA	Jodney .	10.0576	
HEA	lodney	10.0307	
TAL-18ETAITE-2	muscle	9.93203	
TITE 1	smal_intestine	9.75982	
ALPHA-CP1	690	9.5751	
GONE	eye	9.4728	
HANDLEAT	0.0	943009	



Distribution of Co-regulatory TFs

<u>Description</u>: this pie chart displays the distribution of co-regulatory transcription different bissues.

Color schema, the tissue with the largest percentage of co-regulatory TFs i whereas the tissue with the smallest percentage of co-regulatory TFs is colored to rissues with intermediate percentages of co-regulatory TFs are colored fit velow and coan and them to light blue.

242 Cis-Regulatory Module (CRM) detections in eye

Download Table

Chromosome ID	CRM Start Position	CRM End Position	Gene Name	Transcription Start Position	Orientation	Minimum Energy	Transcription Factors
▲ ▼							
chr.1	68623595	68623680	NM_000329	68627663	-1	-1.10877	FOXJ2 :: POU3F2 :: STAT5A : SMAD-3 :: TATA
chr.1	168352546	168352581	NM_000261	168353430	-1	-1.22283	OCT-1 :: FOXJ2 :: POU3F2 :: NR2E3 :: FOXO4
chr.1	168352381	168352413	NM_000261	168353430	-1	-1.15567	OCT-1 :: FOXJ2 :: POU3F2 :: PBX1B :: FOXO1
chr.1	168352357	168352368	NM_000261	168353430	-1	-1.01014	FOXJ2 ::: OCT-1 :: POU3F2 :: PBX1B :: FOXO1
chr.1	193968043	193968048	NM_012076	193969064	1	-1.00136	FOXJ2 :: POU3F2 :: NKX6-2 :: OCT-1 :: MEIS1A/HOXA9

289 RefSeq Genes are preferentially expressed in eye

Download Table

RefSeq EST Enrichmer		Gene Symbol	Description		
▲ ▼		A V			
NM_032753	20.1971	MGC15631	Homo sapiens hypothetical protein MGC15631 (MGC15631), mRNA		
NM_021225	20.1971	PROL1	Homo sapiens proline rich, lacrimal 1 (PROL1), mRNA		
NM_033277	20.1971	LACRT	Homo sapiens lacritin (LACRT), mRNA		
NM_007374	20.1971	SIX6	Homo sapiens sine oculis homeobox homolog 6 (Drosophila) (SIX6), mRNA		
NM_030657	20.1971	LIM2	Homo sapiens lens intrinsic membrane protein 2 19kDa (LIM2), mRNA		

307 transcription factor pairs co-regulate in eye

Download Table 1st Factor	2nd Factor	-log(P)	
FOXJ2	POU3F2	39.9539	
CHX10	CHX10	32.5137	
CHX10	CRX	28.4156	
FOXJ2	FOXJ2	20.8575	
FOXJ2	Oct-1	20.6056	
CRX	PITX2	19.1884	
CHX10	GATA-6	18.7433	
CRX	CRX	18.5542	

B. Transcription Factor View