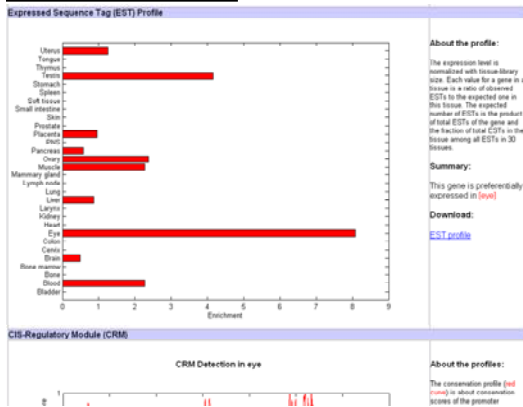
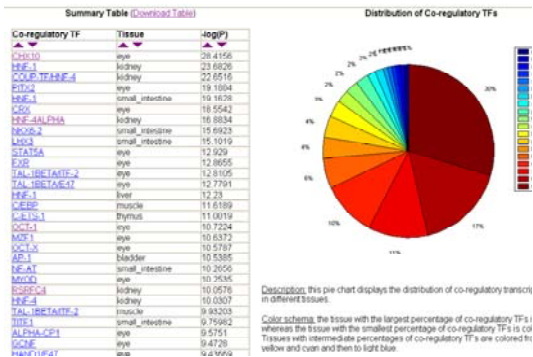


A. Gene View



C. Tissue View

B. Transcription Factor View



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 :: OCT-1

289 RefSeq Genes are preferentially expressed in eye

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RefSeq	EST Enrichment	Gene Symbol	Description
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	18.5442