

	Mnemonic	Description	Overall Percentage	Median Expression (RPKM)	Median Length (kb)	Percentage of High-pLI Genes (pLI > 0.9)	Cell Type Specificity	Housekeeping Gene Enrichment	Constitutive Unexpressed Gene Enrichment	Constitutive Expressed Gene Enrichment	Olfactory Gene Enrichment	ZNF Gene Enrichment
	strong_trans_enh	Shorter, highest expressed genes, strong H3K4me1/H4K20me1 initiation associated; second highest pLI	5.60	33.94	15.03	36.13	0.31	2.31	0.02	1.98	0.00	0.38
	strong_trans	Strong H3K36me3 state and strong H3K79me2 state - second highest expressed, and third highest pLI genes	10.50	18.24	24.03	30.61	0.22	3.05	0.01	2.62	0.00	0.81
	trans_enh	Active promoter state, some H3K79me2 with enhancer marks and some H3K36me3, third highest expressed, relatively short genes	8.96	13.89	14.58	12.96	0.41	1.65	0.05	1.69	0.00	0.70
	trans_cons	Strong H3K79me2 and weaker H3K36me3, second longest genes, fourth highest expressed genes, highest pLI	4.49	12.73	88.38	46.84	0.30	2.00	0.03	2.32	0.00	0.55
	trans_K36me3	Transcribed with strong H3K36me3, but weak H3K79me2	10.78	6.78	27.13	11.53	0.24	1.45	0.13	1.49	0.02	1.31
	trans_K79me2	Transcribed with strong H3K79me2 state, but weak H3K36me3	7.34	6.09	55.38	19.50	0.32	1.26	0.13	1.71	0.01	0.46
	weak_trans_enh	Enhancer state, with weaker transcription, more intermediate expression levels	7.13	4.29	33.54	11.01	0.49	0.46	0.29	0.50	0.05	0.39
	znf	ZNF genes	4.75	0.94	33.33	4.05	0.23	0.33	1.64	0.29	1.92	10.96
	poised	Poised genes - lack transcription marks, has promoter/enhancer marks, limited repressive marks	16.39	0.35	41.62	10.16	0.33	0.08	1.04	0.09	0.17	0.27
	bivalent	Strong K27me3/bivalent genes; low expression; development genes	14.13	0.04	14.02	11.29	0.23	0.03	1.43	0.02	0.86	0.17
	low	Weak K27me3, low signal of other marks, low expression, longest genes	1.85	0.02	114.92	16.27	0.43	0.00	1.42	0.05	0.24	0.27
	quiescent	Quiescent - unmarked; low expression; olfactory genes; very low pLI; short genes	8.08	0.00	3.52	0.77	0.16	0.01	5.83	0.05	9.20	0.12