

<b>Histone</b>	<b>Gene Name</b>	<b>log<sub>2</sub>fold change</b>	<b>q-value</b>
H3	Hist1h3e	3.422	0.0015
H2A	H2afj	2.8614	0.0015
H4	Hist1h4j	2.4992	0.0055
H2B	Hist1h2bc	1.7225	0.0015
H4	Hist1h4a	1.6044	0.0015
H2B	Hist1h2bn	1.5449	0.0015
H2B	Hist1h2bh	1.4328	0.0015
H2A	Hist1h2an	1.3952	0.0015
H4	Hist1h4f	1.3176	0.0015
H4	Hist1h4k	1.3143	0.0015
H4	Hist1h4d	1.3043	0.0015
H2B	Hist1h2bk	1.2686	0.0015
H3	Hist1h3i	1.1831	0.0015
H2B	Hist1h2bg	1.1672	0.0015
H4	Hist1h4i	1.1225	0.0015
H4	Hist1h4b	1.1002	0.0015
H2A	Hist2h2ac	1.0897	0.0015
H2B	Hist1h2bl	1.0895	0.0015
H4	Hist2h4	1.0518	0.0015
H4	Hist1h4h	1.0499	0.0015
H2B	Hist1h2bm	1.0281	0.0015
H2A	Hist3h2a	0.9981	0.0015
H2A	Hist1h2ah	0.9973	0.0055
H2B	Hist1h2be	0.9929	0.0015
H3	Hist1h3f	0.9824	0.0015
H2B	Hist1h2bj	0.9806	0.0015

H3	Hist1h3a	0.9728	0.0015
H3	Hist1h3c	0.9416	0.0015
H2A	Hist1h2ak	0.9298	0.0015
H4	Hist4h4	0.916	0.0015
H2B	Hist1h2bf	0.8984	0.0015
H3	Hist2h3b	0.8816	0.0095
H2B	Hist3h2bb-ps	0.8594	0.0015
H4	Hist1h4c	0.8594	0.0015
H2A	Hist1h2ai	0.8042	0.008
H3	Hist1h3g	0.7957	0.0015
H3	Hist1h3h	0.7068	0.0015
H2B	Hist1h2bp	0.6818	0.0015
H2B	Hist3h2ba	0.6661	0.0015
H3	Hist1h3d	0.5921	0.0015
H2A	Hist1h2ac	0.5881	0.02
H3	Hist1h3b	0.5487	0.0015
H1	Hist1h1b	0.5382	0.0015
H1	Hist1h1c	0.4263	0.0036
H2B	Hist2h2bb	0.4164	0.0055
H1	Hist1h1d	0.3362	0.0354
H2A.X	H2afx	-2.398	0.0015
H2A.Z	H2afz	-2.486	0.0015

**Supplemental Table S5: Histone genes changing expression with *Skiv2l2* knockdown in P19 cells.** RNAseq data was interrogated for histone genes changing expression.  $\text{Log}_2\text{foldchange} = \log_2(\text{Control levels}/\text{Skiv2l2 knockdown levels})$  as determined through cuffdiff.