

Supplemental Table S2. Histone modification data obtained from ChIP-seq experiments available in modENCODE and ENCODE databases

Histone marks	<i>C. elegans</i> ^a	<i>D. melanogaster</i> ^a	<i>M. musculus</i> ^b
H3K4me1	modENCODE_5048	modENCODE_5093	ENCSR000CAQ
H3K4me3	modENCODE_3576	modENCODE_5097	ENCSR000CAR
H3K27ac	modENCODE_5054	modENCODE_5084	ENCSR000CDF
H3K9ac	modENCODE_3578	modENCODE_5102	ENCSR000CEM
H3K79me2	modENCODE_5047	modENCODE_5100	ENCSR000CEL
H3K27me3	modENCODE_5051	modENCODE_5089	ENCSR000CEJ
H3K9me3	modENCODE_5037	modENCODE_4952	Not available

^aData available from the modENCODE database: <http://intermine.modencode.org/>

^bData available from the ENCODE database: <https://www.encodeproject.org/experiments/>