

PRC2 is dispensable for *HOTAIR*-mediated transcriptional repression.

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Appendix

Content:

Tables S1 to S3 and respective legend.

Sample	Library	Total reads	Mapped reads	% Mapped
B130T3_wt1	100 bp PE	103,335,602	77,922,669	75.41%
B130T4_wt2	100 bp PE	115,487,294	88,459,074	76.60%
B130T5_ezh2-/-1	100 bp PE	101,006,669	75,153,717	74.40%
B130T6_ezh2-/-2	100 bp PE	91,670,800	69,708,128	76.04%
B130T7_wt +hotair1	100 bp PE	90,196,578	67,304,498	74.62%
B130T8_wt +hotair2	100 bp PE	74,599,977	56,660,718	75.95%
B130T9_ezh2-/- +hotair1	100 bp PE	91,955,265	67,997,257	73.95%
B130T10_ezh2-/- + hotair 2	100 bp PE	88,585,080	66,982,306	75.61%

Appendix Table S1. RNA- sequencing library dataset.

Table indicating sequenced sample names, type of library, number of total sequenced reads, number of mapped reads to human hg19 genome and percentage of mapped reads.

qChIP primers	Forward	Reverse
LUC A	ATGGAAGACGCCAAAAACAT	GCCTTATGCAGTTGCTCTCC
LUC D	GTGTTGGGCGCGTTATTTAT	TACGGTAGGCTGCGAAATGT
LUC E	AACACCCCAACATCTTCGAC	TCGCGGTTGTTACTTGACTG
ACTIN	TGCTATCCCTGTACGCCTCT	CTCCTTAATGTCACGCACGA
MYT1	AGGCACCTTCTGTTGGCCGA	AGGCAGCTGCCTCCCGTACA
IRX4	AGCGTGTCTTTTCATAGGTC	TTTAGTCACCCGAGAACGAG
GAPDH	CGGGATTGTCTGCCCTAATTAT	GCACGGAAGGTCACGATGT
MYOD	TGCCCTGACGCTCTAAGCTTTCT	AGCGGCTGTAGAAATCAGGTCGT

qRT-PCR primers	Forward	Reverse
<i>HOTAIR</i>	GGTAGAAAAAGCAACCACGAA GC	ACATAAACCTCTGTCTGTGAGTGCC
U1	ATACTTACCTGGCAGGGGAG	CAGGGGGAAAGCGCGAACGCA
MS2LOOP	TTCTGCAGATATCCAGCACAGT	CAACAGATGGCTGGCAACTAGAAG

bisulfite primers	Forward	Reverse
tkluc-bis-1 (1 st PCR)	TAATTAATGTGAGTTAGTTTATT TATTAGG	TATAAAAAACAATTATCCAAAAACC AAAAC
tkluc-bis-2 (2 nd PCR)	TGAGTTAGTTTATTTATTAGGTA TTTTAGG	TCTTCATAACCTTATACAATTACTCT CC

Appendix Table S2. List of primers used.

Antibody	Reference	Assay
mGAL4 (DBD) RK5C1	Santa Cruz sc-510	WB
H3	Active motif 39163	WB
H3K36me3	Abcam ab9050	ChIP
EZH2	homemade	WB
GAL4	Millipore 06-262	ChIP, RIP
H3K27me3	Abcam ab6002	ChIP, WB
H3K27me3	Cell signalling 9733	ChIP
FLAG M2 beads	Sigma Aldrich A2220	IP
Lamin B1	Abcam ab16048	WB
SUZ12	homemade	WB
EED	homemade	WB
RNA-PolIII (N20)	Santa Cruz Sc-899	ChIP
H3K9me2	Abcam ab1220	ChIP
H3K27ac	Abcam ab4729	ChIP

Appendix Table S3. List of antibodies used.