

**Supplementary information**

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**mSWI/SNF promotes Polycomb repression  
both directly and through genome-wide  
redistribution**

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In the format provided by the  
authors and unedited

Weber et al., Supplementary Table 1

Target	sequence	assay	notes
Gapdh	CGTCCCGTAGACAAAATGGT	qRTPCR	
Gapdh	TTGATGGCAACAATCTCCAC	qRTPCR	
Hoxa1	CCACCAGGGTTATGCTGGG	qRTPCR	
Hoxa1	CGTGGAGAGGGGATAAGGAGTTA	qRTPCR	
Hoxa3	AAGTGCCAACAGCAACCCTAC	qRTPCR	
Hoxa3	AGGGAAAGATTTGTTTGCCCA	qRTPCR	
Hoxa5	AGGTAGCGGTTGAAGTGGAA	qRTPCR	
Hoxa5	GCTCAGCCCCAGATCTACC	qRTPCR	
Hoxa10	TCTTTGCTGTGAGCCAGTTG	qRTPCR	
Hoxa10	CTCCAGCCCCTTCAGAAAAC	qRTPCR	
Hoxb3	GCTCAGAGGAGGGGAGATTT	qRTPCR	
Hoxb3	GGGGAGAACAGGCAGACATA	qRTPCR	
Hoxb5	CTGGTAGCGAGTATAGGCGG	qRTPCR	*sub HoxB4
Hoxb5	AGGGGCAGACTCCACAGATA	qRTPCR	*sub HoxB4
Hoxb7	GCCGCAAGTTCGGTTTTCG	qRTPCR	
Hoxb7	GCAAAGGCGCAAGAAGTTTGT	qRTPCR	
Hoxb13	GATGTGTTGCCAAGGTGAAC	qRTPCR	
Hoxb13	CCTTGCTATAGGGAATGCGT	qRTPCR	
Hoxd10	TCTCCTGCACTTCGGGAC	qRTPCR	
Hoxd10	GGAGCCCCTAAAGTCTCCC	qRTPCR	
Hoxd11	AGGTTGAGCATCCGAGAGAG	qRTPCR	
Hoxd11	GAAAAAGCGCTGTCCCTACA	qRTPCR	
Hoxd13	TGGTGTAAGGCACCCTTTTTC	qRTPCR	
Hoxd13	CCCATTTTTTGAAATCATCC	qRTPCR	
Bmi1	TACCATGAATGGAACCAGCA	qRTPCR	
Bmi1	AAAGGAAGCAAACCTGGACGA	qRTPCR	
Meis2	GACCACAACCCTTCATCCTG	qRTPCR	
Meis2	TTGTCTAACCCTCGCCTTG	qRTPCR	
Pax6	CCCTCACCAACACGTACAG	qRTPCR	
Pax6	TCATAACTCCGCCATTAC	qRTPCR	
U6	CGCTTCGGCAGCACATATAC	qRTPCR	
U6	TTCACGAATTTGCGTGTGTCAT	qRTPCR	
Gjb3	TCTGGCTGTCAGTAGTGTTCG	qRTPCR	
Gjb3	GCCTGGTGTACAGTCAAAGTC	qRTPCR	
Lrrc34	TTGCACTTTCCCAGTCAATG	qRTPCR	
Lrrc34	TTTCTCCATAAGTCGGTGCC	qRTPCR	
Mcsm	CCCAGAGGAACCAACTATTCAAG	qRTPCR	
Mcsm	ACAGGTAGCAACCTCCCTGAG	qRTPCR	
Ngfr	GCCGAATGCGAGGAGATCCCT	qRTPCR	
Ngfr	GGTCACCGTATCGGCCACTGT	qRTPCR	
HoxA5	GCTGGAGAGAGGCGAGACTA	ChIP qPCR	
HoxA5	GTAAAGCCAGCCGTTTTCTG	ChIP qPCR	
HoxA10	GTCGACCAAAAAGGAGTTCG	ChIP qPCR	
HoxA10	TGTCAGCCAGAAAGGGCTAT	ChIP qPCR	
Zfp467	GCAGCCGAGTAAGTGGTAGC	ChIP qPCR	
Zfp467	TGACCGATTCTCCAATCTC	ChIP qPCR	

HoxB4	AGGGAGTGTTGAGGAGGACA	ChIP qPCR	
HoxB4	GCGAGCAGATCGATAGGAAA	ChIP qPCR	
HoxB13	AACACGCATGTGAAAGTGGA	ChIP qPCR	
HoxB13	CTCACACCAGGAGTCTGCAA	ChIP qPCR	
HoxD11	GAACAGAGCGGAAAAACCTG	ChIP qPCR	
HoxD11	AGAGTGCAGACCCTGGAAAA	ChIP qPCR	
HoxD13	GGGTGACGCGGTAGACTAAG	ChIP qPCR	
HoxD13	GCACACCAAAGTGAGGATGA	ChIP qPCR	
Bmi1	CGCCCTTTGTTGAGAGGTAG	ChIP qPCR	
Bmi1	ACCTCCAGAGCCCTTTCTTC	ChIP qPCR	
Meis2	GCTCGCACTTCTCAAAAACC	ChIP qPCR	
Meis2	GTTCTTGCTCCTTCCCCTCT	ChIP qPCR	
Gjb3	ACGCTGGTTACCACGGATAC	ChIP qPCR	
Gjb3	CCCAAGAGCGTACGAAAACT	ChIP qPCR	
Lrrc34	GCTGTCAGTGCTGGATTTGA	ChIP qPCR	
Lrrc34	GTGAGCTCGGTGAGAAGCTC	ChIP qPCR	
Mcam	GGGAGTTTGGGGATGTCTTC	ChIP qPCR	
Mcam	CCCGACTCTACGTTGCTACC	ChIP qPCR	
Ngfr	CAAAATTACACGCTGTTCGT	ChIP qPCR	
Ngfr	GGTGTAGGAGACTGGGAGCA	ChIP qPCR	

Weber et al., Supplementary Table 2

**Antibody**

	<b>Source</b>	<b>Identifier</b>
Rabbit monoclonal anti-Ring1b (ChIP & WB)	CST	Cat #5694; RRID:AB_10705604
Rabbit polyclonal anti-Suz12 (ChIP & WB)	Active Motif	Cat #39057; RRID:AB_2614929
Rabbit polyclonal to Histone H3 (acetyl K27) (ChIP)	Abcam	Cat#ab4729
Rabbit polyclonal to Histone H3 (trimethyl K27) (WB)	Active Motif	Cat#39155; RRID:AB_2561020
Rabbit monoclonal to Histone H3 (trimethyl K4) (ChIP)	Sigma	Cat#04-745
Rabbit monoclonal to CTCF (WB)	Abcam	Cat#ab128909
Mouse monoclonal to Brg1 (WB)	Santa Cruz	Cat#sc-374197
Rabbit polyclonal to EED (WB)	CST	Cat#51673
Rabbit monoclonal to Histone H2A (ub K119) (WB)	CST	Cat#8240
Mouse monoclonal to Histone H3 (WB)	CST	Cat#3638
Rabbit polyclonal to PCGF1	Sigma	Cat#HPA11356