

S3 Table. Primer sequences used in PCR for ChIP analysis

Primer pair	Sequences
Idgf4 fw Idgf4 rev	5' AAGGGCACTTCAGTTCACGATT 3' 5' CACTATTCGAGCATTGCATTCG 3'
ptth fw ptth rev	5' GTGCAAAGGCAGATGAATGGTA 3' 5' GCCTCTTGGACAGTCGTTCT 3'
cg9629 fw cg9629 rev	5' GGCTTTTGTGGGCAGCTTATC 3' 5' TGCATGGATCCTAGGGAAATG 3'
hlm fw hml rev	5' CGCATGAACCGTAAACTGCTTG 3' 5' CTTCTCCAATGGCATTGAACTTG 3'
cg31472 fw cg31472 rev	5' CACAAGGTGGGACTGGCTAC 3' 5' CTTTTCTGCGGTACTTGAGCAC 3'
Mpcp fw Mpcp rev	5' CTCACCTGATACCTCGTATGC 3' 5' GTTTTGCCGTGGAGAGGTGTA 3'
cg13575 fw cg13575 rev	5'GGAACGACGTGCGCATAGTAA 3' 5' GACAGATTTATGGCCAGCGACT 3'
prosap fw prosap rev	5' CGTTGGGCTTACAGCTCTAG 3' 5' GCGCAATCCGTCATACAGAAC 3'
Oat fw Oat rev	5' CGCGTTTCATTAGCTACCTCGAA 3' 5' GAAATGGCAGTGGGATCGGAAT 3'
dCTCF fw dCTCF rev	5' TCGTCCACATGAAACAGCTG 3' 5'TCCTTGGCTTATCCAGTATCCA 3'
cg9018 fw cg9018 rev	5' GGCTGTGTCATCAATCAAGTG 3' 5' CTCCAACGAGCCCACCACA 3'
cg3358 fw cg3358 rev	5' GCTGGCACGTCTGAGCTTAG 3' 5' CAGCTGTTTCACTTGCGAGATT 3'
cg14545 f cg14545 rev	5' TGCAGCACCTGGCGGTAGATT 3' 5' CGCATCCAACCTGGTCACACT 3'
62D fw 62D rev	5' TTTGGGCTTGGTGAGAACAG 3' 5' TGATACCAGGCGAACAGAAATC 3'
50A fw 50A rev	5' ATACAAAGTGGTTTCAGCCAAGAAG 3' 5' TTGATAAATAGTCCAGCACGCATAC 3'
87E fw 87E rev	5' GGATGTTACA TTGAGAGTGCTTAGG3' 5' TTTGCGTTTCGGCTGCTGTC 3'

1A2 fw	5' ACCACACATCAGTCATCGTGT 3'
1A2 rev	5' CTTCGTCTACCGTTGTGC 3'
Gypsy fw	5' TTCTCTAAAAAGTATGCAGCACTT 3'
Gypsy rev	5'CACGTAATAAGTGTGCGTTGA 3'
Ras fw	5' GAGGGATTCCCTGCTCGTCTTCG 3'
Ras rev	5' GTCGCACTTGTTACCCACCATC 3'
42337 fw	5' TTGATGTCCCTCCGCTCTCA 3'
42337 rev	5' CCAACATTGACCATCCAACGAG 3'
15878 fw	5' GTGAACTCAATTTGCTGGCATC 3'
15878 rev	5' CGTTGTGTTCCGCCGCTTTTG 3'
cg32333 fw	5' CAAAAAGTTGCCGGACGACCAAA 3'
cg32333 rev	5' CTAATTGCCAGCGCCAACCTT 3'
cg33288 fw	5' CATGGCTCGTATTCCGAGAGAT 3'
cg33288 rev	5' CTATGGAAATGTTAGCGAGTGAG 3'
beat fw	5' AATCAGCCGTTAACCGCTAAAG 3'
beat rev	5' CATGGCATCATCATCAGTAG 3'
Dad fw	5' TCGTCGATAAGGAGCGCAAGA 3'
Dad rev	5' CGACGCCAGTGCATATGCAA 3'
Ipp fw	5' GGATTATAGCTGCTGTTTGAAG 3'
Ipp rev	5' TACCGCACAGAACTCCAATAAG 3'
Spn fw	5' AGTGTTGCGGATTGCCTGCAT 3'
Spn rev	5' AGTACGTGCTGCGGCGACAA 3'
Adar fw	5' CTAGCAAGCCGATGATGAAGTTG 3'
Adar rev	5' GGTAAGGTTACGCGAACCTAA 3'
43921 fw	5' CAGGACGATTGCGCAGCAAAG 3'
43921 rev	5' GCCCGCTATTGGTGGTGTTC 3'