

Supplementary Table 1A: Primers used in RT-PCR and qPCR

Gene	Primer
Mouse Stat3	FP: CTTGTCTACCTCTACCCCGACAT RP: GATCCATGTCAAACGTGAGCG
Human Stat3	FP: GGCATTCGGGAAGTATTGTCG RP: GGTAGGCGCCTCAGTCGTATC
Mouse MTA1	FP: AGCTACGAGCAGCACAACGGGGT RP: CACGCTTGGTTTCCGAGGAT
Human MTA1	FP: TGCTCAACGGGAAGTCCTACC RP: GGGCATGTAGAACACGTCACC
Human β - actin	FP: GGACTTCGAGCAAGAGATGG RP: AGCACTGTGTTGGCGTACAG
Mouse β - actin	FP: TCGTACCACAGGCATTGTGATGG RP: GCAATGCCTGGGTACATGGTGG
Mouse Twist1	FP: ACGACAGCCTGAGCAACAG RP: GCAGGACCTGGTACAGGAAG
Human Twist1	FP: GTCCGCAGTCTTACGAGGAG RP: CCAGCTTGAGGGTCTGAATC

Supplementary Table 1B: Primers used for ChIP on mouse Stat3 promoter

Region	Primers
-140 to -470	FP: GGTGACACCTGGGGACCGCCTAAG RP: AAAAACGCCTCTAGGAGAGAAGGCG

Supplementary Table 1C. Primers used of ChIP on mouse Twist1 promoter

Region	Primer
R1 (-2070 to -1820)	FP: ACTAGCCTCAGGCATTCCA RP: CTTTCTGGGTTGGACCACCAAAG
R2 (-1830 to -1621)	FP: ACCCAGAAAGGGGCACTTG RP: GCCGGTACAAGGTGATCTCT
R3 (-1621 to -1390)	FP: CTCCCTAAATCCCCATCCTA RP: GTTGATTGCAAGCGGTTTTT
R4 (-1386 to -1150)	FP: TCAACCAACATGGCTGAGT RP: TCTTTTGAAGGGAGCAAAGC
R5 (-1130 to -931)	FP: GCTTTGCTCCCTTCAAAGAAGC RP: ATCGTGGGCGCTATGGAT
R6 (-949 to -735)	FP: ATCCATAGCGCCACGAT RP: CTGGGATCCCTCGGAGTT
R7 (-785 to -546)	FP: TCCAGCACCTTTGGAAGCACA RP: GGTCAGGTAGAGGAAACCTC
R8 (-545 to -292)	FP: GTTAGATGGACTCGGTTGTT RP: GATTCCTTCCGCGCCAGAG
R9 (-342 to -176)	FP: GCTGCCCCAAACTTTCC RP: CCCGAGGTCCAAAAGAA