

A

RBPj-binding site

Mus musculus ...TCTCAGAGGCAGAT--CCAAATC---CTACT-TCT**AGG**TGT**GGGAAA**AGGTGTAGAGAATCATTGAGGTGGGTGGAGCGTCA -1474
Bos taurus ...TCTC-CAAGTAGCTTTCTAGTC-----AGGGGC**AGGC**AGA**GGAA**-CAGTCCC----AATAGTAGACGTGGGTGGAGCCCG -1536
Pongo abelii ...GTT--GAGGCGGAC--CGGGACAGACAACGGTCT**AGGCCAGGGAAA**TGGTCCC---GAATGGTTGACGTGGGTGGAGCGCCA -1448
Homo sapiens ...GTT--GAGGCGGAC--CCGGACAGGCAACGGTCT**AGGCCAGGGAAA**TGGTCCC---GAATGGTTGCGTGGGTGGAGCGCCA -1533

T-box1

Mus musculus ...TCATT**CCATATG**GCCAGGGGCGGCC**CCACACCC**GGGTGCA**AACT**GCCTCAGGCCCCGAGCCTC**CGTGCAGGTG**AGAAAAAC -1347
Bos taurus ...TCGCC**CCATATG**GCCAGGGGCGGCC**CCACACCC**GGGTGCGAACTGCCCGGGGCCCGAGCCT**CGCGTGCAGGTG**ACAAAAAC -1410
Pongo abelii ...CCGCC**CCATATG**GCCAGGGGCGGCC**CCACACCC**GAGTGCGAACAGCCGGGGCCCCCAGCCT**CGCGTGCAGGTG**AGAAAAAT -1322
Homo sapiens ...CCGCC**CCATATG**GCCAGGGGCGGCC**CCACACCC**GGGTGCGAACTGCCCGGGGGCCCCCAGCCT**CGCGTGCAGGTG**AGAAAAAT -1407

E-box2

Mus musculus ...TGGG**CCACACATCTG**TGCTT**CCATTG**GCTGAAGTAGGGAAAGGTGGGATGTACTGAGGGCCCT**ACCCCAAATGGG**TGCC -1221
Bos taurus ...TGAGG**CCATACATCTG**CGCTCC**CATTG**GCTCAGGTAGCGGGAGGTGGCATGTGCTGGGCTTCTCTGACT**CCAAATGGGAGCG** -1283
Pongo abelii ...TGGGG**CCACACAT**TGCGT**TCCATTG**GCTGAAGGAAGGAGAGGTGGGATGTGCTGGGGCTCTGAT**CCCAAATGGGAGCC** -1195
Homo sapiens ...TGGGG**CCACACAT**TGCGT**TCCATTG**GCTGAAGGACGGAGAGGTGGGATGTGCTGGGGGCCCTGAT**CCCAAATGGGAGCC** -1280

E-box4

B

LacZ mRNA expression in the PSM

