

Table S4: Transcription Factor binding sites are found in the promoters of both the *sox1* and the *stat3* promoters

Detailed Family Information	Evidence	Matrix
GATA binding factors	aagaGATTaccac	1
NeuroD, Beta2, HLH domain	gaagcacCTGCaa	1
NKX homeodomain factors	aatctTAATtgctggggaa	1
NKX homeodomain factors	ggcttcAAGTgttttttt	1
RNA polymerase II transcription factor IIB	ccgCGCC	1
TALE homeodomain class recognizing TG motifs	acattcttGTCAaaagg	1
TCF11 transcription factor	GTCAtt	1
Zinc finger transcription factor RU49	aAGTAcc	1