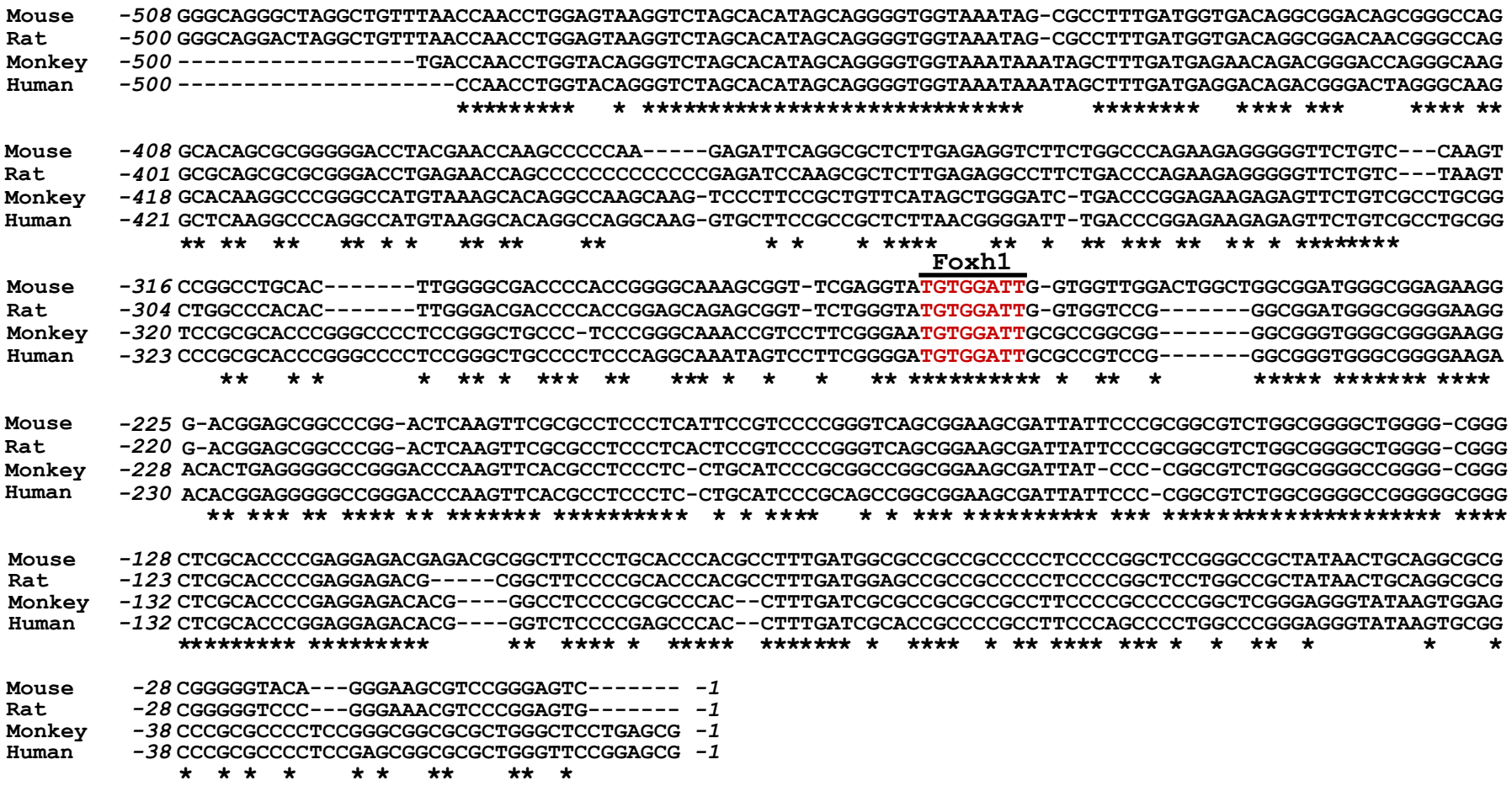

Sup. Fig. 1, Izzi, L. et al., 2007

SUPPLEMENTARY FIGURE LEGENDS

Supplementary Figure 1: ClustalW alignment the promoter sequences of the mouse (*Mus musculus*), rat (*Rattus norvegicus*), rhesus monkey (*Macaca mulatta*), and human (*Homo sapiens*) *Mixl1* gene shows extensive conservation in the region encompassing the putative Foxh1 binding site. The Foxh1 binding site is indicated above the sequence alignment, conserved nucleotides are indicated with * and numbering relative to the start site are shown on the left.

Supplementary Table 1: Primer sequences

Primer Name	Sequence
Primers for reporter constructs	
Mixl1For	5'-CCG GAG CTC ACG AAC CAA GCC CCC AAG-3'
Mixl1 Rev	5'-CCG AGA TCT GCC AGA CGC CGC GGG AAT-3'
Mixl1 mF For	5'-AGG TAT TTA GAT TGG TGG TTG GAC-3'
Mixl1 mF Rev	5'-CCA CCA ATC TAA ATA CCT CGA ACC GC-3'
Mixl1 SBEm1 For	5'-GGT GGT TGA ATT AGA TAT CGG ATG GGC GGG-3'
Mixl1 SBEm1 Rev	5'-CCC ATC CGA TAT CTA ATT CAA CCA CCA ATC C-3'
Mixl1 SBEm2 For	5'-TCG GAT GAG TGG AGA AGG GAC GGA-3'
Mixl1 SBEm2 Rev	5'-CTT CTC CAC TCA TCC GAT ATC TA-3'
Mixl1 ΔSBE Rev	5'-CCG AGA TCT ACC AAT CCA CAT ACC TCG-3'
Primers for expression constructions	
Gsc fl For	5'-CCG GTC GAC CCC GCC AGC ATG TTC AGC-3'
Gsc fl Rev	5'-CCG GGA TCC TCT AGA TCA GCT GTC CGA GTC CAA ATC-3'
Gsc 1-220 Rev	5'-CCG GGA TCC TTA CTT CTG TCG TCT CCA CTT GGC TC-3'
Gsc 1-143 Rev	5'-CCG GGA TCC GCT CAC GTG CCC ACG TTC ATG TA-3'
Gsc 1-116 Rev	5'-CCG GGA TCC GCG GCC GCT CAC GTC GGG ACG CAG GAG CA-3'
Gsc 1-96 Rev	5'-CCG CTG CAG GCC CAC GGG CGC CGC CTG CAC-3'
Gsc 1-63 Rev	5'-CCG CTG CAG AGC CGC GGC GCT GGG CGC CA-3'
Gsc Δ14 For	5'-CCG GTC GAC GC CGG CCG CGC TGC AAA GAC-3'
Gsc Δ81 For	5'-CCG GTC GAC AGC TAC TTC TAC GGG CAG-3'
Gsc Δ96 For	5' CCG GTC GAC GC CCG GCT TGC TGC GGG GCT-3'
Gsc Δ111 For	5'-CCG GTC GAC GC TCC TGC GTC CCG ACG C-3'
Gsc Δ143 For	5'- CCG GTC GAC GCC TGT CGC GCA CTG AGC TG-3'
Gsc HD For	5'-CCG GTC GAC GGA AGC GGC GGC ACC GCA CCA TC-3'
Gsc HD Rev	5'-CCG GGA TCC TTA CCG CCG ACA GTG CAG CTG GTT-3'
Gsc NG (N210G) For	5'-CGC CGA GCC AAG TGG AGA CGA C-3'
Gsc NG (N210G) Rev	5'-TCT CCA CTT GGC TCG GCG GCC CTT AAA CCA GAC CTC-3'
Foxh1 ΔN For	5'-CC GGT CGA CGC CAG CCT TAT CAG CCA CCC AG-3'
Foxh1 ΔN Rev	5'-CCG TCT AGA GGA TCC TTA CAT GCT GTA CCA GGA AAG G-3'
HDAC1 For	5'-CCG GTC GAC TGG CGC AGA CGC AGG GCA CC-3'
HDAC1 Rev	5'-CCG GCG GCC GCG GAT CCT TAG GCC AAC TTG ACC TCC TCC TTG A-3'
DNA and Chromatin IP QPCR primers	
Mixl1 ChIP/DNA IP For	5'- GAG GTA TGT GGA TTG GTG GTT GGA-3'
Mixl1 DNAIP Rev	5'-CCG AGA TCT GCC AGA CGC CGC GGG AAT-3'
Mixl1 ChIP Rev	5'-AAT GAG GGA GGC GCG AAC TTG A-3'
Mixl1 ctl For	5'-TGG CAG AGG ACA GTG ATG GAC AAA-3'
Mixl1 ctl Rev	5'-AAA CCA GCC TGA GAA GAC ACC AGA-3'

Supplementary Table 1: Primer sequences

Primer Name	Primer Sequence
QPCR primers for mRNA expression studies using SYBR Green method	
Mixl1 cDNA For	5'-AAC CGA CGG GCC AAG TC-3
Mixl1 cDNA Rev	5'-TCC CCG CCT TGA GGA TAA G-3'
Hprt For	5'-AAA CAA TGC AAA CTT TGC TTT CC-3'
Hprt Rev	5'-GGT CCT TTT CAC CAG CAA GCT-3'
Genotyping Primers	
NeoF2	5'-GAG GAT CTC GTC GTG ACC CAT GG-3'
GF1	5'-CAG ATG CTG CCC TAC ATG AAC GTG G-3'
GR1	5'-GGC GTT TTC TGA CTC CTC CGA GG-3'