

## Supplementary Tables

**Supplementary Table 1. List of primers for qRT-PCR**

Mouse

<b>Gene name</b>	<b>Forward Primer</b>	<b>Reverse Primer</b>
<i>Gapdh</i>	TTGTGGAAGGGCTCATGACC	TCTTCTGGGTGGCAGTGATG
<i>Mkx</i>	ACAATCCACACACAGGGCCG	GGTCTGCCGCCAGCTTTTATC
<i>Gtf2ird1</i>	TCGGATGTGTACCTGCTGCA	TCCCTGAGCAGCCTCTCATA
<i>Scx</i>	CCTTCTGCCTCAGCAACCAG	GGTCCAAAGTGGGGCTCTCCGTGACT
<i>Tnmd</i>	CTTTACCTCCACCAGGGCAACAGG	GCTTGATCTCGTTCCCATCCAG
<i>Col1a1</i>	GAGCGGAGAGTACTGGATCG	GCTTCTTTTCCTTGGGGTTC
<i>Col1a2</i>	CCAGCGAAGAACTCATACAGC	GGACACCCCTTCTACGTTGT
<i>Fmod</i>	CTTTACCTCCAGGGCAACAGG	GCTTGATCTCGTTCCCATCCAG
<i>Lpl</i>	AAGCTGGTGGGAAATGATGTGG	CCGTTCTGCATACTCAAAGTTAGG

Rat

<b>Gene name</b>	<b>Forward Primer</b>	<b>Reverse Primer</b>
<i>Gapdh</i>	AGACAGCCGCATCTTCTTGT	CCACAGTCTTCTGAGTGGCA
<i>Mkx</i>	GACGACGGCTGAAGAACATG	CCTCTTCGTTTCATGTGAGTTCTTGG
<i>Gtf2ird1</i>	ATCTACCGAGTCCTGGCCAC	CCGTTGGTGGGGATGTCACA
<i>Scx</i>	CCCAAACAGATCTGCACCTT	CTTCAGTGGCTTCCACCTTC
<i>Tnmd</i>	CTACAGCAATGGCGAGAAGAAGAAG	GACCTACAAAGTAGATGCCAGTGTATC
<i>Col1a1</i>	GTCCGAGGTCTAATGGAGATGC	GGTCCAGGGAATCCGATGT
<i>Col1a2</i>	CCTGGAGAACCTGGTCTCAT	GGCCAACATTTCCAGGAG
<i>Fmod</i>	CAAGGCAACAGGATCAATGAG	CTGCAGCTTGGAGAAGTTCA
<i>Lpl</i>	CTTCAACCACAGCAGCAAAA	TAGACTGGTTGTATCGGGCC

**Supplementary Table 2. Deletion construct primers for luciferase Assay**

luc 1 Fw Primer (+NotI)	AAAGCGGCCGCTGCATGTCGGCCATTTAGC
luc 2 Fw Primer (+NotI)	AAAGCGGCCGCACCGAAGGCTTGTGAGATGC
luc 3 Fw Primer (+NotI)	AAAGCGGCCGCCTGTATCTCTTATGCGCGGC
luc 4 Fw Primer (+NotI)	AAAGCGGCCGCGGGGCACATGTAGATCCGAG
luc 5 Fw Primer (+NotI)	AAAGCGGCCGCGTCTGAGATCTTGTGGGGG
luc 6 Fw Primer (+NotI)	AAAGCGGCCGCGCGCTTGTCCGATTCTCAC
Rv Primer	TTCGAGTGGGTAGAATGGCG

**Supplementary Table 3. Deletion construct primers with TK promoter**

del 1 Fw -663 (+EcoRV)	GATATCGGGGCACATGTAGATCCGAG
del 1 Rv -334 (+BglII)	AGATCTGCGGTGCAAATCCTGCGTTT
del 2 Fw -354 (+EcoRV)	GATATCAAACGCAGGATTTGCACCGC
del 2 Rv -25 (+BglII)	AGATCTCATGTTTCCCGACTGTCCGG
del 3 Fw -45 (+EcoRV)	GATATCCCGGACAGTCGGGAAACATG
del 3 Rv +282 (+BglII)	AGATCTCCCCACAAGATCTCAGACGG
del 4 Fw cons -519 (+EcoRV)	GATATCCTCCACAAGCCTGGACTTTG
del 4 Rv cons -373 (+BglII)	AGATCTAAATGTCACCAACCCAGGCC

**Supplementary Table 4. Deletion of 68bp sequence by inverse PCR**

68bp Deletion Fw	CCGACACTAGGAGCAGCTAA
68bp Deletion Rv	GCTGGAGGTTAGAGCTTCTT

**Supplementary Table 5. ChIP primers**

Primer site (kb)		Sequence
+2.0	Fw	TTATTCTGCTCCGCTGCCT
	Rv	AATCAAGCTCCCACACCTCT
+0.9	Fw	AGGACTGGACTGGTGGAAAG
	Rv	AAAGCAAGTTTGGGAGCCTG
+0.2	Fw	AAATAAAGCCGAGACGACGC
	Rv	CTCAGGACTAGGCACACTCC
-0.3	Fw	AAGACACAGGATTGACCCG
	Rv	TTCCTCTTGCCTCAGAGAA
-0.6	Fw	CTGGGGTGCTTGATAGATCCA
	Rv	GGGAAAGGAGAGCTCAGGTG
-1.0	Fw	CCGGGAACAGCACAAAAGG
	Rv	GAACTCAGCAAGGCACGATT
-1.5	Fw	ACACAGCTCCGTAATCCAGT
	Rv	GTGCAACCTTCCCTTCTGAC
-1.8	Fw	TTAACACGGGCCCTCTACTG
	Rv	AGCACCTTAGTCACATGAGGT
-2.3	Fw	CCAAAAGCAACTCCCTTACA
	Rv	AGCTAGGGACACATCAGAACA
-3.8	Fw	ATTGCACAAGGAAAGGAGGC
	Rv	TCTCCTTCTCCCCTACCTC
-4.5	Fw	ACAGGGTAAGGATGGAGCAG
	Rv	AGAGAGCATATGTCGGTGGGA
<i>Hlfoo</i>	Fw	TTGTTGTGAAAGCGGAGTG
	Rv	AATGCAGATGGTTGGGCTTG