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SUPPLEMENTARY MATERIAL

corresponding to:

**Construction and characterization of
a *sox9b* transgenic reporter line**

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>-2421/+29sox9b

CGTTTGCTACGTCCAGCTAATGTGCTTGTAAATAGAGAGTGGGCAGCTACAGGTGCGAGTGTCCAC
ATTTAGAGCATGGGCAATATGCATTTGTGTTTGATTCTAAATGGTGTGGGTCATTTTTGACCCGT
CCGCCAGCAGAAACGTTGCCGGCAGCGCTTCAACTGATCACTGCGGTGCTGGAGTGTGCTGT
ACACGTCTCTGTGATGCCCGTCTCGAAAGCCGAGCAGGCGGGAGTCTCCAGCAGAGTTTATG
ACTGATCAGAGTGTGACTTCAGCAGATCAGGTGTGGCCGTAGAGACGTGTGAGGGATGATTC
AGCTGAAGCTGTTGGTCAATGATGAGTCCTGTTCAAACACTCGGGCCGTGACGCTGCGCTCTG
ATCCGACGCTCGTACAGCCGTTCTGACTCTGTGCTGTGAGAGAGATCGGTGTGTGTGTGTG
TGT
TGT
CTGAGGGGAAAATCAGAGCGGTGCAAACACTATTCCCTCACAGGTCCAGCTGCAGATCTGTCCG
CTCCGCCGTATCTGTGTGTTCTGTTCTGCTGGATCTCCACCCGCTGGAGTTCTCACATTCAC
CACAGAGACTCTACTAGACCACAGCAAACAACTCTGCTGACGGGGACTGCCATCAGCTCAGCCG
CTCGAATATTGAGCAGGGGGCGGGCTTTCTTTAGAAAGTAAGAGGGGTGTGGTCAAGAATATA
GATGTGCAGTTGCTATGGAATCCCTCAGATTGACATCAACAGAAGGAGCCGCTCAAACACTGAA
GCACACGCACTGACTTTGACTGAAGAGTCCAGAACACACTGATTACATTAATTATTGCTGAAAA
AATCCCTGCTGAATATATACATATATATATACTGTATATATATGTGTGTGTGTGTGTGGTTCAAT
GCTGGTCCCAATGCTGGTCAGGGACAGTAAAACCAGCATTGACACACACACACACACCCCTCT
CTCTGGGTGTCGCGTGCAGTGTCCGCGAGCGTGAACAGGACATGATTTAGCAGTTGACTTTCA
CTGTTTGCCCTCTCAGTTCTTAACACTGGAGCTCGAAGTGAAGCTGAGAAGTTCCAGCGCTGC
AGTGTGTGTGACTGAGGAGAGAGCTGCGGTACTGATCACACACACACACACACACACACAC
ACGCTGTCCACCTGTGAACACATGAGACTCACGCTGGCCTTTAATGCTCTCACAGATGGAGATG
GAGAGGAGCGTCAGAAAGTAAAACCTTCTCCTGCTGAACACTAGAGAAGATTTTTGAAGAATGC
TGGACGCGCTGTTGTGACCCTCACTCCATTTGTTATTCTACTATGTGAGCCAATGGTGACCCGT
TTCCAAACATTCCTCAAATATCTTTTTGCTTCAACAGACTGAAGAAAACATAAAAGGTGAAAT
GCACATGAGGGGGTAAATGAGTGAGTGAATCTGTGTTTTGGGCTGAGCGGACCCTTTAAACACT
GAGGCTGGCCCTTTCTGCTGGCTCCAACACAGTTTATACAGGATTATTCAGATCAGAGATGAGCTT
ATCCTGCTGCGCTGTGTGCAGAACAGCATTTTCAGATTTGTGGCCATCTCTGCGCTGCCATTGAG
CAGTGTGTTAGTGGGATCATCTAAATGCAGACGCAATAGATGAGTGTGGAAGCCAGCAGAGGAC
TGCAGTAAACATGCTGGAATCTCTCAGCATTAGAAGACTCTCCTACTACAACACTGACTTACCCTC
AACACAATTTAGAGAACTGATAAAGCGGTCCCGGAGCCAACATGAGCTGCTCACGGGTGTGTT
CTGACGCTCAGAGACGCTGCTCAGACACACATCTGTCTATTAAACATGACTCCTCCGGCAGC
TCATGAGGAAACACAGCAGCCAGCCGCGCACTGAAAATGACATGTCCACAGCATCACACAGCAC
AAATAAACACAGAGAACTCAGAGCTGCACTGTAGATGTGGGATCCGCAGTACTCACAGCACA
GGACGGCCATTCCAGACACTCAACACACGAGATGTACACAGTTCCCTACTACACCACACATTC
ACTAGAGCCGGCCACAGATCCATCATGCATAATCCCGTTCCAGCAAATCACAGTGTGTGTGTGT
GT
GTGTGTGTGTGTGTGTGTGCGTGTGTGTGTGTGTGTGTTCTGCTCCTCCCCTCGCATAATAAGT
GTCGTGCTCGAGAGGGAGC

AGAATCTCCTCCTGGATTCTGGACTCTC

5' UTR

Supplementary Fig. 1. Sequence of the 2500 kb *sox9b* promoter clone. Blue-boxed region and blue font indicate the 5' UTR.

SUPPLEMENTAL TABLE 1

**PRIMERS USED FOR CLONING *SOX9B*
PROMOTER FRAGMENT**

Position	Sequence
R' +29	GAGAGTCCAGAAATCCAGGAGG
R' -363	GACATGTCATTTTCAGTGGCCG
R' -537	TTGAGGGTAGAGTCAGTGTGTAGTG
R' -887	TCAGTCTGTTGAAGACAAAAGAAG
R' -1014	CTTCTCTAGTGTTCAGCAGGAG
R' -1061	TCCATCTCCATCTGTGAGAGCA
R' -1354	TTACTGTCCCTGACCAGCATTG
R' -1567	CCATAGCAACTGCACATC
R' -1795	TGGACCTGTGAGGAATGAGTTT
R' -1810	TGAGTTTGCACCGCTCTGTGAT
R' -1864	TGCCAGCGGAACACACACACA
R' -2002	ACAGAGTCAGGAACGGCTGTA
F' -183	TCCCGTTCAGCAAATCACAGTG
F' -189	GCATAATCCCGTTCAGCAAATCAC
F' -302	ATACCGCAGTACTCACAGCACA
F' -384	CGGCCACTGAAAATGACATGTC
F' -562	CACTACAACACTGACTCTACCCTCAA
F' -910	CTTCTTTTGTCTTCAACAGACTGA
F' -1375	CAATGCTGGTCAGGGACAGTAA
F' -1376	CCAATGCTGGTCAGGGACAGTA
F' -1550	ATCAACAGAAGGAGCCGCTCCA
F' -1584	GATGTGCAGTTGCTATGG
F' -1884	TGTGTGTGTGTTCCGCTGGCA
F' -2023	GTACAGCCGTTCTGACTCTGT
F' -2421	CGTTTGCTACGTCCAGCTAA