

**Table S1. Primers for qPCR**

<b>Target</b>	<b>Reference</b>	<b>Sequence</b>
<i>Xenopus laevis</i>		
<i>bra</i>	New	U: TCACCAAGAATGGAAGACGAAT D: CCACAAAGTCCAGCAGAACC
<i>bicc</i>	New	U: CCAGACCCCAACTCTCCCA D: CTCACTATAACAGTAGCACCGT
<i>chrd</i>	(1)	U: AACTGCCAGGACTGGATGGT D: GGCAGGATTTAGAGTTGCTTC
<i>edd</i>	New	U: GCGGTGGCTTCTCGTCAACT D: GACTGTGGCTGTGTAATCCC
<i>ek</i>	New	U: CAGAATCCTCATCAACATCCA D: ACAACCTTCCCATCAACCACC
<i>gsc</i>	New	U: TACCCTCAGCTACAGCATACG D: TCCTGGACAAAGTGCCAACAT
<i>derriere</i>	(2)	U: TGGCAGAGTTGTGGCTATCA D: CTATGGCTGCTATGGTTCCTT
<i>lim5</i>	New	U: CCAACAGACAGGCCCAAC D: GTGGCTCCGGTGCTACAG
<i>mixer</i>	New	U: AGGCACCCAGGAGAAAGTCAT D: TTTGACGGTGAAGAGACAGGA
<i>mix.1</i>	New	U: CAAAAGCCACCAAGCCCATT D: TGCTGAAGGAAACATTGCC
<i>msx1</i>	New	U: AAGAGGAGGGTCTGGTCAAGC D: GGTGGGCTCATCCTTCTTGTT
<i>odc</i>	(3)	U: GCCATTGTGAAGACTCTCTCCATTC D: TTCGGGTGATTCCCTTGCCAC
<i>scp1</i>	New	U: TCGAGGGA ACTATGTGAAAGA D: GATGGAAAATGTAGGAGGCTG
<i>scp2</i>	New	U: AGATAGAAGGAACTACACACC D: TGTCACTGGGTCGGCATACT
<i>scp3</i>	New	U: AAAAGCAAAGGAACAGAAGCA D: TAGTAGGTGGACTGGGAATGG
<i>scpl2</i>	New	U: GTACGGACTGCTCGTTGTAAG D: GTTCTTGCTTGGGCAGTTTG
<i>sox2</i>	New	U: TAGTCACCTCTTCTCCCATTT D: CGCTACTGAGGCACTCTGAT
<i>sox17a</i>	(4)	U: GCAAGATGCTTGGCAAGTCG D: GCTGAAGTTCTCTAGACACA

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<i>szl</i>	New	U: CACACAAGACAGTCTTGGAAGCTTTC D: CACCAGCAATAACATACTGTGGG
<i>vent1</i>	New	U: AATGACACTGAACAAAGGGAG D: AATGCCTGTTCCAGTTTGCTT
<i>vent2</i>	(5)	U: TGAGACTTGGGCACTGTCTG D: CCTCTGTTGAATGGCTTGCT
<i>wnt8</i>	New	U: ACAAGAGGAAAATGAGGTCGG D: TAAGCAATAATCGGGAGAGTC
<i>Xnr1</i>	New	U: CCAGATAGAGTAGAGAGCAGG D: TCATTTCCCGTGACAAGATTC
<b>Human</b>		
<i>FST</i>	New	U: ACGTGTGAGAACGTGGACTG D: CACATTCATTGCGGTAGGTTTTTC
<i>FURIN</i>	New	U: CCTGGTTGCTATGGGTGGTAG D: AAGTGGTAATAGTCCCCGAAGA
<i>GAPDH</i>	(6)	U: ACCACAGTCCATGCCATCAC D: TCCACCACCCTGTTGCTGTA
<i>ID1</i>	(7)	U: TCAGCACCCCTCAACGGCGAG D: GCAAGGATGGGACGGAAGTG
<i>ID2</i>	(8)	U: AGTCCCGTGAGGTCCGTTAG D: AGTCGTTTCATGTTGTATAGCAGG
<i>LEFTYA</i>	New	U: ATTGAGCCCTCTAACTGAACG D: GCTTAGGATGGGTGATGGAC
<i>PAI1</i>	(6)	U: GAGACAGGCAGCTCGGATTC D: GGCCTCCCAAAGTGCATTAC
<i>SCP1</i>	New	U: CCAGTCCAATACCTGCTCCC D: GGACGCTTCAACACGTAGACC
<i>SCP2</i>	New	U: CGCCTATTCCGTGAGTCTTG D: TGTCCAGGATGAGGGTCTTT
<i>SCP3</i>	New	U: GTGACGGTGCTTGACTATGG D: GCCGCTTCAGCACATACACCT
<i>SCPL2</i>	New	U: CTTGATATGGAACAGGTGGAT D: CTATCTGGAGTTACTGGTGCT
<i>SMAD1</i>	New	U: CCCCTGCCCTCAGAAATCAA D: CATGGAACGCTTCACCCACA
<i>SMAD2</i>	New	U: CGTCCATCTTGCCATTCACG D: CTCAAGCTCATCTAATCGTCCTG

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## References for Table S1

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