

Table S2. Probe primers of *in situ* hybridization

Primers	Sequence (5'→3')
<i>cdc27</i> -F	GAGCCCTGGTGTGTAGTTGG
<i>cdc27</i> -R	GATTCCTCCACCTCCGTTGA
<i>cdc27</i> -T7 R	TAATACGACTCACTATAGGGGATTCCTCCACCTCCGTTGA
<i>crestin</i> -F	GAGAAGCCCTCATCAGAGAGTTTG
<i>crestin</i> -R	GTTGCTTGTTCAGGCAGAATCAGG
<i>crestin</i> -T7 R	TAATACGACTCACTATAGGGGTTGCTTGTTCAGGCAGAATCAGG
<i>col2a1a</i> -F	TCTGAAGTCCATCAACGGGC
<i>col2a1a</i> -R	TTTTCCGTCACGCTAAACGC
<i>col2a1a</i> -T7 R	TAATACGACTCACTATAGGGGTTTTCCGTCACGCTAAACGC
<i>sox9a</i> -F	CCTCGACCCCTACCTGAAGA
<i>sox9a</i> -R	GGCGGGAGGTATTGGTCAAA
<i>sox9a</i> -T7 R	TAATACGACTCACTATAGGGGGCGGGAGGTATTGGTCAAA
<i>barx1</i> -F	CTGGGCGGATCAGACTTCTC
<i>barx1</i> -R	GCTTCTCGTGTCTCTCCTG
<i>barx1</i> -T7 R	TAATACGACTCACTATAGGGGCTTCTCGTGTCTCTCCTG
<i>dlx2a</i> -F	CACAGTTCTGCTTTGCGTCG
<i>dlx2a</i> -R	CCCAAGTCGGCAGAGTCAAA
<i>dlx2a</i> -T7 R	TAATACGACTCACTATAGGGCCCAAGTCGGCAGAGTCAAA
<i>foxd3</i> -F	CCTACTCGTACATCGCCCTC
<i>foxd3</i> -R	CCGGGTAAAGGACAGGGAC
<i>foxd3</i> -T7 R	TAATACGACTCACTATAGGGCCGGGTAAAGGACAGGGAC
<i>nkx2.3</i> -F	TCGTGTTTTCTCGGAGGTGG
<i>nkx2.3</i> -R	GCGCATTAGTGGACGTGTTC
<i>nkx2.3</i> -T7-R	TAATACGACTCACTATAGGGGCGCATTAGTGGACGTGTTC
<i>fgf3</i> -F	GAATCTCTGGCTCCGAGGCT
<i>fgf3</i> -R	GCCGCTGACTCTCTCTAAGC
<i>fgf3</i> -T7-R	TAATACGACTCACTATAGGGGCCGCTGACTCTCTCTAAGC
<i>tbx1</i> -F	GCAGCTGTCCCATTTTTGCG
<i>tbx1</i> -R	ACGGCGGTAAATCTGGTCTC
<i>tbx1</i> -T7-R	TAATACGACTCACTATAGGGACGGCGGTAAATCTGGTCTC