

Additional file 4: Primers for amplification of the cDNA fragment for *in situ* probes

gene symbol	Primer	
	Forward	Reverse
<i>Pyy</i>	TCCTGCTCATCTTGCTTCGG	TGAACACACACAGCCCTCCAG
<i>Trh</i>	TGGATGGAGTCTGATGTCACCAAG	TGGCTCTTTGAAGTTCCTGAAGTG
<i>Prrx2</i>	CTACCACGATGAGCCCAGATTATC	GCCACCATAGCAGTGACTTGTTCC
<i>Otx2</i>	GCTCAACTTCCTACTTTGGGGG	CTTTTTCTTCTATGCCTCTCGG
<i>Tbx1</i>	AAGGCAGGCAGACGAATGTTC	TTCCGAGAGCGAGCAAAGGCACTC
<i>Cyp26a1</i>	GCAGGCACTAAAACAATCGTCAAC	ACATCGTGGGTGTACAGATACTG
<i>Hoxb6</i>	AGGAAAAGCCAGCCGAGTGAAG	CAGCGAATCTACCATTGAACCG
<i>Cdx1</i>	CCGTCAAGGAGGAGTTTCTACCC	CGAGTTCTGTCTCAAGAGCAGTGG
<i>Has2</i>	CAAAGGAAAGTTGGAAAGCCACTG	CAAAGACTGCCACCATCTCTCC
5730521E12Rik	GCATTCTCCACCACCAAGAG	TGACAGGTAAGATGGGACAGGTTCC
<i>Cldn9</i>	ATACAGATGAGCGGGACCTAAGG	TGAACGGGAAGGGATGGAGTAG
<i>Habp2</i>	AAGACTGTATGTTTGCCACGCG	CTTGTTGGTTCCAGAGAGAAAAG
<i>Spp2</i>	GTGACAAGAATAAGACAGCCACCC	CAGTGAGCCCACACATCCTTTAC
<i>Ttr</i>	CCTCGCTGGACTGGTATTTGTG	TTGGGTTTTAGGAGCAGGGG
<i>Cpn1</i>	GGGTATCTGGTTGGTAGGAACAATG	GGGTCTTTCTTTCTGGATGTCCG
1700011H14Rik	AAAAGGCATCCACCCCGAAG	CAAGGCTATTCACCACAAGATTCC
<i>Mogat2</i>	CGCTCCTATCTGATGATGCTGAC	TGACTGCTTTTTCCCCATTCTAC
<i>Spink3</i>	GGAAGCACCTGTATAGTTCT	GTTTCAGATGCATTTATTCAAC
<i>Phlda2</i>	CATCCTCAAGGTGGACTGCG	CGGAATGGTGGGTTGGAAGC
<i>Trap1a</i>	CGCCCTTTATGAGGAGCAGTATG	AAACAACCACTTCTTCCGCTG
<i>Tdh</i>	CCTGCGTTATCCTGGAATCATTTCC	AGCATCGTAGCCACCAACTCTG
<i>Lgals2</i>	CCACCATTGTCTGTAACACCAGTG	CCTTGACCTTGGGGAAAAGC
<i>Cubn</i>	CCAGCAGGTCCAGATAACTGTGTG	TCGTTGCCAAAAGAGTCCC
<i>Pla2g12b</i>	CTGTGATTCTCTGGCTGATACCG	AATGTGAGGTGTCAACTGGCAAC
<i>Apoc2</i>	GGCTTGATGAGAACAGGAGACTTC	TGATGCGAGCAAAGAGGCG
<i>Gabpb1</i>	GGGAACTTCTCCACTTCATCTGG	TGTCAATACTTGCTGTCCATCGG
<i>Arg1</i>	GAAGAATGGAAGAGTCAGTGTGGTG	GAGGAGAAGGCGTTTGCTTAGC
<i>Gm784</i>	TTGCCGTTACAGCCCTTAC	TTTGCTTGAGACAGTGCCCC
A230098A12Rik	TGGCGATTCTGATGGGGATG	TGGAGCAAAGGGAAAGGTGG
<i>Usp22</i>	TAGGCAGGGGATGGATGTCTTCAG	AACACAGAATGGAGGCAAGCGG