

Supplementary Table 1. Primer sequences used for qPCR and in situ hybridization

gene name	direction	primer sequences	product size	purpose
<i>TUBB</i>	F	5'-TTTCTTCATGCCCCGATTTCG-3'	99	qPCR
	R	5'-TTGGCATCGAACATCTGCTG-3'		
<i>EF1alpha</i>	F	5'-ATGTGCGTGGAAGCTTTCTC-3'	101	qPCR
	R	5'-TTGGTGACGCTCTTGATGAC-3'		
<i>NADH</i>	F	5'-GTGTACAACAAGCTGCTAACGG-3'	103	qPCR
	R	5'-GCTGCAGCGATGCTAATCTATC-3'		
<i>RPS18</i>	F	5'-ACATCGATGGCAAGTGCAAG-3'	83	qPCR
	R	5'-ACGGCAGCAGATGTTAGAGTAC-3'		
<i>snail</i>	F	5'-TCAGACGGCGAAAAAGTGTG-3'	102	qPCR
	R	5'-AAGTTTCCCGCAATCTTCGC-3'		
<i>twist</i>	F	5'-ATCAGGTGTTGGGGAGTGATG-3'	129	qPCR
	R	5'-TTGACGCCATACTGTTCCAC-3'		
<i>cdx</i>	F	5'-ACACCACACAGCCACATTAC-3'	93	qPCR
	R	5'-TCCGAGTTTTGCCTGTTTGC-3'		
<i>gsx</i>	F	5'-AGGACTTGGTCATCACATCGAC-3'	99	qPCR
	R	5'-TCGCGTCAAAGTCACCATTG-3'		
<i>xlox</i>	F	5'-GGCTACGTCACCGATCTACG-3'	110	qPCR
	R	5'-CCCATGTTGTACCCCTGCAT-3'		
<i>hox1</i>	F	5'-GAATATACCGGAGCAGGGGC-3'	137	qPCR
	R	5'-TAGCCTCCTCCATTCTCCC-3'		
<i>hox5</i>	F	5'-CAGGGTGTGCGAAATGGACGA-3'	110	qPCR
	R	5'-TACTGGAATATCGCCGTCGC-3'		
<i>hox7</i>	F	5'-GGTGTCTCTACTGGCGTGGA-3'	133	qPCR
	R	5'-AGAGTTCGATTCGTCGCCTC-3'		
<i>hox8</i>	F	5'-TATCCGTCTCATCACGCTGC-3'	119	qPCR
	R	5'-TGGGACAGCAGAGATCCGTA-3'		
<i>hox9/10</i>	F	5'-GGAAGAAGCGGTGCCCTTAT-3'	135	qPCR
	R	5'-TCTTGACCTGCCTCTCGGTA-3'		
<i>hox11/13a</i>	F	5'-GGATTGACAGGAGAGCGAG-3'	124	qPCR
	R	5'-TGTCCGAAGTGATGTGGTGG-3'		
<i>hox11/13b</i>	F	5'-ACCAACAGCAGTACTACGCC-3'	150	qPCR
	R	5'-TCGTGTAAGGCCTCCGTTTC-3'		
<i>snail</i>	F	5'-TAGGAATTGCCAGCACAGCA-3'	758	probe preparation
	R	5'-TGATCTATCTGCGAACGCCC-3'		
<i>twist</i>	F	5'-CTGGTCGTTCTTCTGCAGGT-3'	1051	probe preparation
	R	5'-CACGTGGTGTACTGAACCGA-3'		
<i>otx</i>	F	5'-CGTGCTCAGTTGGATGTCCT-3'	137	qPCR
	R	5'-TTCGCTCGTCGGTTCTTGAA-3'		
<i>pax6</i>	F	5'-AGCGATGGGTCAAGAGCAAA-3'	101	qPCR
	R	5'-CTGTTGTCCCTACCAGCCTG-3'		
<i>six3/6</i>	F	5'-TCGCCGATATTTGCCCTACC-3'	122	qPCR
	R	5'-GACCAGAGAAACCTCGCCAA-3'		
<i>elav</i>	F	5'-CACAGACAGCATGGACGACT-3'	119	qPCR
	R	5'-TGCAGGACTCGATCTCTCCA-3'		
<i>musashi</i>	F	5'-CAGTGAACGGTTTTGCCAG-3'	123	qPCR
	R	5'-GGTCTCCCTGAGTTGTGGTG-3'		
<i>neuroD</i>	F	5'-GACCAAAGCACGGATCCAGA-3'	121	qPCR
	R	5'-GTAGCAGGGGACAACCTTCC-3'		