

Table S2. Primer sequences for qPCR validation and *in situ* hybridisation experiments

Gene	Primer sequence	Direction	Assay	$T_m$ (°C)	Exon spanning?	Product size (bp)
<i>asporin</i>	GTTCTCCAGTGCTCAGATCAGGGTC	Sense (5'–3')	qPCR	69	Yes	144
	CAAGGCATAGAGATTATCCAGGC	Antisense (5'–3')		60	Yes	
<i>b2m</i>	GCGTTGCCTTACCCCCAGA	Sense (5'–3')	qPCR	64	No	137
	GAATCCATCGCTCCATCGTCC	Antisense (5'–3')		64	Yes	
<i>beta-actin</i>	CCCAAACCCAAGTTCAGCC	Sense (5'–3')	qPCR	60	Yes	112
	GAAGACAGCACGGGGAGCA	Antisense (5'–3')		62	No	
<i>cd9l</i>	TCCAGCAGTTTTACACGCAGACCG	Sense (5'–3')	qPCR	68	No	201
	CTGAATGACAGATGAGCAGCCCGTT	Antisense (5'–3')		68	Yes	
<i>hifan</i>	CAAGGCGGGAAAGGAAGAGTGTA	Sense (5'–3')	qPCR	65	Yes	199
	GTTGCTCGTCATAGTGTGCTGGTG	Antisense (5'–3')		65	No	
<i>myf5</i>	CGCAGGCTGAAGAAGGTCAATC	Sense (5'–3')	qPCR	63	No	231
	GCAGTCAACCATGCTCTCTGAG	Antisense (5'–3')		60	Yes	
<i>myhz1(1)</i>	GGAGGCTGAGGAGCGTGCTGATATAG	Sense (5'–3')	qPCR	69	No	118
	GTCACAGTTGTTGAACGTCGTTTACTC	Antisense (5'–3')		64	No	
<i>myhz1(2)</i>	AAGAGCCGTGACAGTGGAAGGGA	Sense (5'–3')	qPCR	61	Yes	85
	TTCATATACAAATGGGAGTTGGAGAC	Antisense (5'–3')		61	No	
<i>myhz1(3)</i>	TGAAGTTGAGGCAGAGCAGAGAC	Sense (5'–3')	<i>in situ</i>	60	No	411
	GAAGGTAAGGTTTATTGACCATTAGCAC	Antisense (5'–3')		61	No	
<i>myhz2</i>	AAGAGCCGTGACAGTGGAAGGG	Sense (5'–3')	qPCR	67	Yes	86
	TCACAGTTTAGAGGTGTGCTGAAGC	Antisense (5'–3')		67	No	
<i>myhz4(1)</i>	GGAGGCTGAGGAGCGTGCTGATATTG	Sense (5'–3')	qPCR	71	No	113
	CCTTCCTTCAGGTTTAAAGGCTTTAC	Antisense (5'–3')		65	No	
<i>myhz4(2)</i>	TTCGTGAGCTTGAGAGTGAAGTTGAG	Sense (5'–3')	qPCR	64	No	383
	GGAGCTTCTATTCGGGTTTAAAGATTCT	Antisense (5'–3')		65	Yes	
<i>myoz1</i>	TCGTGAGCTTGAGAGCGAAATC	Sense (5'–3')	qPCR	62	No	371
	AGAGCCTTCCTTTGAGTTAAAGAGTTC	Antisense (5'–3')		62	No	
<i>pvalb4</i>	GCAGAGAAGGAAAAGAGACGACG	Sense (5'–3')	qPCR	61	No	161
	CTTCTATTGAAGCTCTTGACTTGGG	Antisense (5'–3')		61	Yes	
<i>rpl13</i>	CGGGATTGATGAGTTCGCTGCC	Sense (5'–3')	qPCR	68	Yes	105
	GATGAAAATGGGAGGTGTTGGGA	Antisense (5'–3')		65	No	
<i>tnni2</i>	AAAATTGTGGTGGTGAGGTGTG	Sense (5'–3')	qPCR	62	No	183
	GGTTTTGTGTGGAAGCATACCTCT	Antisense (5'–3')		60	Yes	
<i>tyrp1b</i>	GGAGGAGTCTGTAGAACAGGTGCGCG	Sense (5'–3')	qPCR	70	Yes	171
	GGTTTACAGGACAGAAAGATGTTTGGC	Antisense (5'–3')		66	No	
<i>zgc:64006</i>	GCAACAACACAGAATCCAGTCCA	Sense (5'–3')	qPCR	62	Yes	264
	TCTGACCACCTGTGCCATTGAG	Antisense (5'–3')		63	No	
<i>zgc:64006</i>	CACCTTCAAGAGCTTCCTCAGATC	Sense (5'–3')	qPCR	61	Yes	169
	GTCGATATTCACCTCTTTGGGC	Antisense (5'–3')		61	No	