

Table 1. The gene information for qPCR

Cell states	ID	Gene	Primers	Product length (bp)
NC	Isoform0004998	<i>An</i>	F: CATGCCAGTCAGCTAGGACA R: ATCCGATGGAGATCTGTTGC	109
	Isoform0007334	<i>F-salmfa</i>	F: GTCTTCACCGCCAATGATCT R: CTTGGAGGCTGTCGTAGAGG	143
	Isoform0021121	<i>Tubb4B</i>	F: GCTGAGGAGGAGGGAGAGTT R: TCAAATCTTTGGTGGTGCAA	140
	Isoform0007238	<i>Lim1</i>	F: ATGGACCATCACATCCCTGT R: AAACATGTCCCCGTTAGCTG	147
SC	Isoform0000494	<i>Slc6a5</i>	F: CACCATCATGGAGACTGTGG R: CATGATAGAGCAGGCGATCA	100
	Isoform0000260	<i>Slc4a10</i>	F: TCTCCGCCATGTTAAGCTCT R: GGAAGACGATGGATGCCTTA	107
	Isoform0017753	<i>SM30A</i>	F: CTTGATGCTGATTGCTGA R: GCATGTTTGTGCTTGTACCG	143
	Isoform0022945	<i>SM30</i>	F: ACAATTTTCGGGAACCTTTTC R: GCGGTAGTCACAGGACCATT	118
	Isoform0000040	<i>Col3A1</i>	F: AATTGCATCCCTCATCGAAC R: GCATCCTTGACTGAGCCTTC	135
	Isoform0025783	<i>SM32</i>	F: GGATCGGGACCAGTAATGAA R: GTCCTGGAGGGATGTTCTGA	127
PC	Isoform0018216	<i>Fmo6l</i>	F: AAGGCGATCGCATCATTTAC R: ACTCGGGTGTGAGGAACTG	121
	Isoform0025024	<i>FMO6L</i>	F: CTGGCCAAATCCTTCACAGT R: TATGGGGTGACAGGTCCAAT	120
	Isoform0000054	<i>A2ml1</i>	F: CCATCATACGAGGGGAGAGA R: GTTGCCACACACTTCAATGG	149
	Isoform0000245	<i>Dmbt1</i>	F: CTTAGCGGAAGGACGAGTTG R: TTCACCAAGGGAGAGCATTCT	115
	Isoform0002838	<i>Fmo2</i>	F: GTTCACATTCTGCGGGAGAT R: GAAGTTGATGCGCTTGTGTA	149
	Isoform0017860	<i>Hox-D9a</i>	F: CATGTACCTGACGCGAGAGA R: CATCTTCATCCGACGTTCT	100
DC	Isoform0018526	<i>Cellulase</i>	F: GTCGGAGGTCCTGACGAATA R: TCGTGATGAGTTGCTTGAGG	127
	Isoform0000432	<i>Endo16</i>	F: TCATTGCTGCGAGAAAGATG R: ATCGTTGATGGGGTCTTCTG	148
	Isoform0003497	<i>Nrf-6</i>	F: TGGCTCTTATTGGCTCCATC R: GGTCGTTGTAAAGCGGTGAT	111

GC	Isoform0009932	<i>H2A.V</i>	F: TCTGGAAAGGCAAAGGCTAA R: GGCTCGTCGTTCTGTTCTTC	103
	Isoform0002291	<i>Gmnn</i>	F: GGCAGAGACACTGATCACGA R: TCATCCTTGGGCTCATCTTC	143
MC	Isoform0018055	<i>Actin</i>	F: CCGAGCGTGGTTACTCTTTC R: ACTTCTCGAGGGAGGAGGAG	135
	Isoform0022372	<i>Mp20</i>	F: ACAACGCGGAAACTGTAACC R: CATCCTTGGACCCAAACAAT	112
Internal reference	Isoform0011283	<i>GAPDH</i>	F: ATGCCAAATCCAGCATTTTC R: ACAACGCGGAAACTGTAACC	109

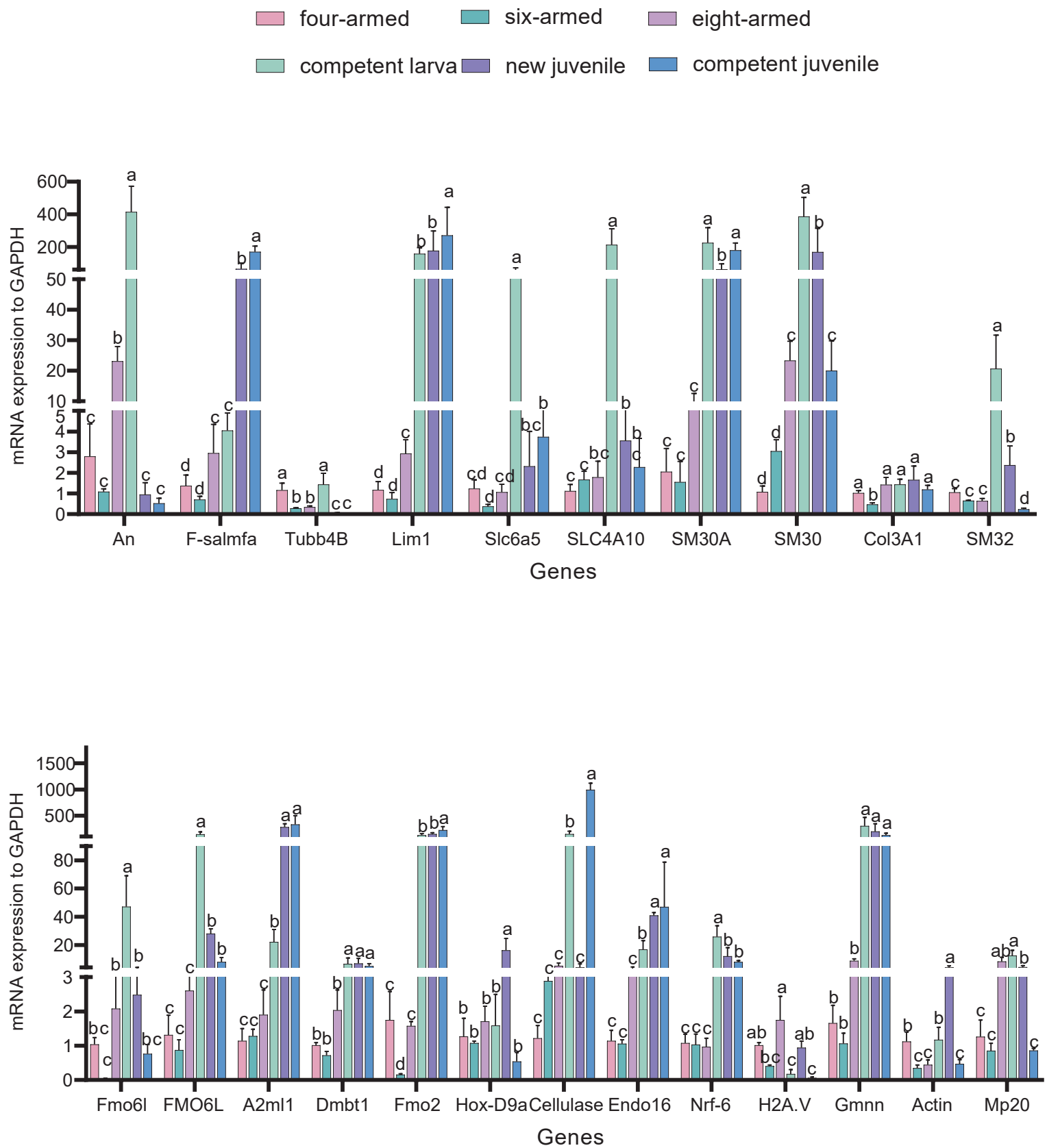


Figure 1. The qPCR results. Different letters representing significant differences between different developmental stages within the same gene