

**Additional file 3: Table S3. Specific primers used for quantitative real-time PCR.**

Gene name	Primer (5'-3')	Amplicon / bp	T <sub>m</sub> / °C
<i>MaCSD1A</i>	CSD1A-QF:CATATGCACGAACCACTGTC	140	57
	CSD1A-QR:GGCTCATCATTACAAGAGGTCTA		
<i>MaCSD1B</i>	CSD1B-QF:CTCCAAGGTTGAGCAAGTTG	129	57
	CSD1B-QR:CTAATAAGGAAAAGGAAGCATAGG		
<i>MaCSD1C</i>	CSD1C-QF:GCCGATCCAGATGATCTTG	137	57
	CSD1C-QR:ACCTCACCATCCAACCAATAG		
<i>MaCSD1D</i>	CSD1D-QF:TCAGGAGTGACTGATCCAAGG	150	57
	CSD1D-QR:AGCCAAAGAAAAGAAGCCATC		
<i>MaCSD2A</i>	CSD2A-QF:GAAATGCTGGAGGAAGATTGG	131	57
	CSD2A-QR:CCATTAGGTTTCATCGACTTGG		
<i>MaCSD2B</i>	CSD2B-QF:TGCTTCTTTCACAGACGGTG	175	57
	CSD2B-QR:AACAGGCTTATTAGGTGGCATC		
<i>MaMSD1A</i>	MSD1A-QF:GAAGTTTTTCGATGAAGAGACTGC	103	57
	MSD1A-QR:TTGATACAGCAGAACAGTGACAAC		
<i>MaMSD1B</i>	MSD1B-QF:TGCCAGTGAAGTTTATGACAGC	156	57
	MSD1B-QR:CCAGGTGACATACTGATGGTG		
<i>MaMSD1C</i>	MSD1C-QF:GTGAATTTTCCGGCATGTAA	148	57
	MSD1C-QR:CAGGGCATGAACAAGTAGTGAC		
<i>MaMSD1D</i>	MSD1D-QF:TTGCTTTCATTCTCTTCCCG	132	57
	MSD1D-QR:CCTGGGGCATTGATAGATACTG		
<i>MaFSD1A</i>	FSD1A-QF:CTCCAAGGTTGAGCAAGTTG	149	57
	FSD1A-QR:CTAATAAGGAAAAGGAAGCATAGG		
<i>MaFSD1B</i>	FSD1B-QF:CGTTACAAAGGTTCTGGCATACTA	168	57
	FSD1B-QR:CAACCATAACAATGGGCTGTTA		
<i>MaCAC</i>	CAC-QF:AACTCCTATGTTGCTCGCTTATG	148	57
	CAC-QR:GGCTACTACTTCGGTTCCTTTCAC		