

Gene	Description	Sequencing Forward Primer	Sequencing Reverse Primer	Sequence Product Size (bp)	qPCR Forward Primer	qPCR Reverse Primer	qPCR Product Size (bp)
EF1a	elongation factor 1a	-	-	-	CAGCACAGTCAGCCTGTGAAGT	AAGGAAGCTGCTGAGATGGG	200
Sptlc1	serine palmitoyltransferase	ATGGCGTCGACGTTTATTCC	CTGTTCCCAATATTTCTGAC	1483	TTCACAGCAAGCTGAGCGAT	AAGTAGCGAGCCAACGTCAC	178
3KDSR	3-ketodihydrosphingosine reductase	AGCGACGGACCGAACTTACT	TGTCTTGGGTTTTGCATCCTTC	1210	GCAGTGCAGTGGCTGGAAAT	AGGCAGCCTTGGTGACATTG	168
AC	acid ceramidase	TGTGATTACACGATGTGGATACCG	CTGCTTCTGACTTCCGGTGT	1165	TGGACTCAAGTTGGCCAGGA	AAGGCTGGGGGAGAGTATCG	157
GlcCer	glucosylceramide synthase	AGAGGCGAACACACGAAAGT	CCATATGGATAACACTTCTCG	1080	TTGGCCCAACGGGAAAGT	TGTCCATGAGCGAGTCTGGT	114