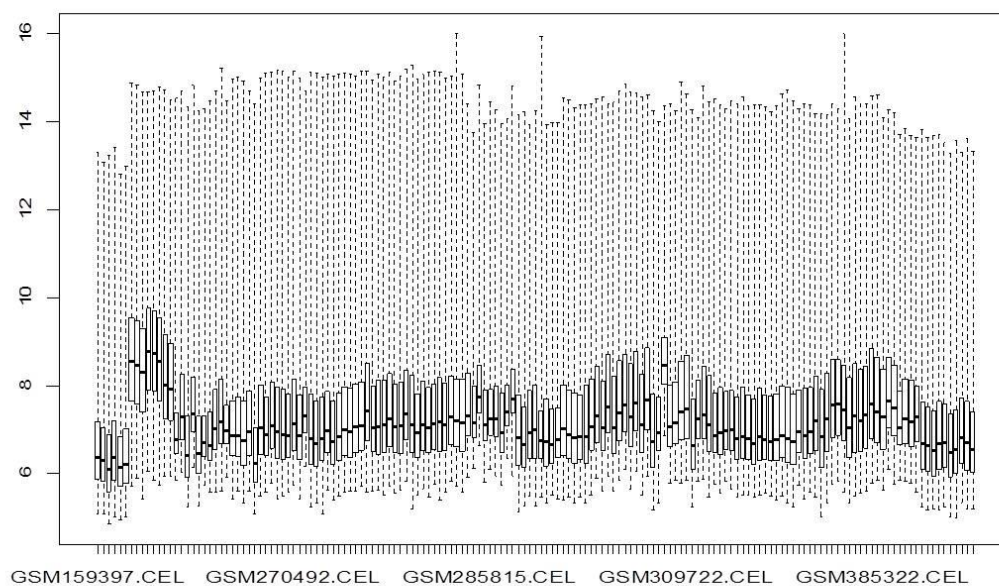
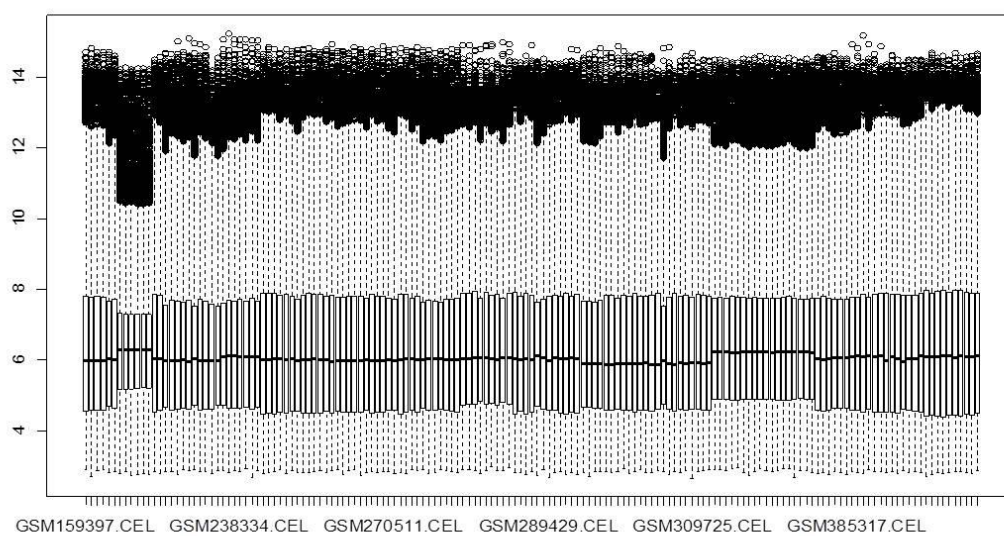


(A)



(B)



Supplementary Data 1. Primer sequences for real-time PCR

Gene symbol	Full name		Primer sequence (5'-3')	GenBank Acc. No.
MAEL	maelstrom homolog	Forward	ACACAAGGTGCAAGTGGCATGAAG	NM_001038193.1
		Reverse	ACATGAGCCTCTGTGAGCTGGATT	
HINT1	histidine triad nucleotide binding protein 1	Forward	TGGGCCTGAAGAAAGGCTATCGAA	NM_175812.2
		Reverse	TTCATCTGCCGACCTCCAAGAACA	
KIAA1712	KIAA1712	Forward	TTTGAGAGGAGCAGCATTCCCAGA	NM_001076833.1
		Reverse	CGTTTCCTACTTGGCAGGCAGATT	
TMEM60	transmembrane protein 60	Forward	AACTGGATGAGAAGGCACCTTGGA	NM_001076988.1
		Reverse	TGTGTGATCCATGTCGAGGGTCAA	
RHEBL1	Ras homolog enriched in brain like 1	Forward	AGCTGACTCAAGGCATCTTCACCA	NM_181668.1
		Reverse	AAGAGCTCATCTCTGGGCTCACAT	
FAM40A	hypothetical protein LOC511120	Forward	TGGCTTCTCTTTGATTCCCAGGGT	NM_001075496.1
		Reverse	ACAAAGGAGCTGCAACCAACTGTG	
S100A11	S100 calcium binding protein A11	Forward	ACAACAGCAAACCTCTCCAAGGCTG	BC142378.1

		Reverse	ACCAGGGTCCTTCTGGTTCTTTGT	
CD53	CD53 molecule	Forward	TGCCATGTGCTGGAGAGACTTCTT	NM_001034232.2
		Reverse	TGGGAGGGAGAACAAAGACACCAA	
DPYD	dihydropyrimidine dehydrogenase	Forward	TGCAACATCCGCTTTACGTTGTGG	NM_174041.2
		Reverse	GCATGGCAACAATTCTCCACCTT	
ELOVL4	elongation of very long chain fatty acids - like 4	Forward	TGCAGTCTCCACTGCCTACACTTT	NM_001099050.1
		Reverse	AACGCATCTGGAAAGGTTCTCGGT	
CTSS	cathepsin S	Forward	ATGGGAATAAAGGCTGCAATGGCG	NM_001033615.1
		Reverse	TGGCACTTTCCATCCATGGCTTTG	
C/EBP α	CCAAT/enhancer binding protein, alpha	Forward	AGAAGTCCGTGGACAAGAACAGCA	NM_176784.2
		Reverse	ATTGTCACTGGTCAGCTCCAGCA	
PPAR γ	peroxisome proliferator-activated receptor gamma	Forward	AGCCTCATGAAGAGCCTTCCAAC	NM_181024.2
		Reverse	TCCATAGTGGAACCCTGACGCTTT	
