

Table S1: Sequences of the methylated (M) and unmethylated (U) specific primers

Gene	Forward primer (5'–3')	Reverse primer (5'–3')	Annealing T (°C)	Product size (bp)
<i>ATG2B</i>	U:TAAATTGTTAGGTAAATGGTAATGA M:TGTAAATCGTTAGGTAAACGGTAAC	U:TAAAAAACTAAAACCCTTCTCAAA M:TAAAAAACTAAAACCCTTCTCGAA	60	144
<i>ATG4D</i>	U:GGAAATTGAGGTATAGAGAGGTGT M:GAGGAAATTGAGGTATAGAGAGGC	U:ACACCCAAATAAACTAACTACACA M:AACGCCCAAATAAACTAACTACG	60	146
<i>ATG9A</i>	U:AATTTTTGTTATTATGGAGTAGTGA M:AATTTTCGTTATTACGGAGTAGCG	U:AAACAAATCTTAAACAATCAACAAC M:AAACGAATCTTAAACAATCAACGAC	61	154
<i>ATG9B</i>	U:TAGATAGGTGATTGAGAGTTGGGAT M:AGATAGGTGATTGAGAGTTGGGAC	U:CCATCAAACCACAACCTTCTCCA M:CATCAAACCACGACTTCTCCA	54	157

Table S2: Sequences of primers used for real time PCR

Gene	Forward primer (5'–3')	Reverse primer (5'–3')	Annealing T (°C)	Product size (bp)
<i>β-Actin</i>	AATCGTGCGTGACATTAAG	GAAGGAAGGCTGGAAGAG	58	178
<i>ATG2B</i>	CTTCAGATGGAGTTGGAGGAGAC	AGTGGCTCCTTTCAGTCCTACG	58	122
<i>ATG4D</i>	GTGGTGTACGTTTCTCAGGACTG	CACCAGGATGACCACAGACTTC	58	105
<i>ATG9A</i>	GCTTCCTCAAGGAGCAGGTTCA	CCACATTTGCGATAAGGCTCAGG	58	141
<i>ATG9B</i>	ACCTGTCTCAGATGCCATCCTAC	CCAGTAGCTGAAGAGGTTGCAG	60	144