

Supplemental Material

Inhibition of Sphingolipid Synthesis as a Phenotype-Modifying Therapy in Cystic Fibrosis

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Gene name	Forward primers sequence 5'-3'	Reverse primers sequence 5'-3'
<i>TFEB</i>	CGCAAGAAGTTTGAGGGACG	TGTCCGGTGGAGGGGG
<i>LAMP2a</i>	GTGCAACAAAGAGCAGACTGT	GGCACAAGGAAGTTGTCGTC
<i>LAMP2b</i>	AGAGTGTTTCGCTGGATGATG	TGCCAATTACGTAAGCAATCA
<i>LAMP2c</i>	AAGGGTTCAGCCTTTCAATG-	ACAATTATAAGGAAGCCCAAGG
<i>PPARGC1-α</i>	CCGAAATTCTCCCTTGTATGTG	TGCGATATTCTTCCCTCTTCAG
<i>PPARα</i>	ATCGGCGAGGATAGTTCT	AATCGCGTTGTGTGACAT
<i>PPARγ</i>	CAGATCCAGTGGTTGCA	GTCAGCGGACTCTGGATT
<i>FOXO1a</i>	GCAGATCTACGAGTGGATGGTCA	TAGTTCGAGGGCGAAATGTACT
<i>FOXO3a</i>	TCTGCTGCGCCAGGTTC	TCCCAGGAACAGGAGGACC
<i>SLC27A1</i>	CTCTCTGCTTCCCCAGGATG	GAGACCACCGAGGCCG
<i>CPT1a</i>	TGTCCAGCCAGACGAAGAAC	CACTTTCAGGGAGTAGCGCA
<i>CPT1b</i>	GGGGTAAGTTCTGCCTGACC	CAGGAACGCACAGTCTCAGT
<i>ACADL</i>	CGCTGTAAAATCCTATTGCTGACA	CTGGTCGCGAGGGAATACG
<i>ACADM</i>	GGGTTCGGGCGATGCT	CTGTGATCTCCAATGAAAACGAGA
<i>ACADS</i>	GGGTTCGGGCGATGCT	CTGCCAACTCTTCCTCTCG

Supplementary Table 1. Primers sequences.