

Supplemental Table 2 Primers

Primer	Sequence	Description
shSLC16a1-F	<u>CACCGATGGATATCCTCCATAATGTTTCGA</u>	NM_003051.4
	<u>AAACATTATGGAGGATATCCAT</u>	NM_001166496.2
shSLC16a1-R	<u>AAAAATGGATATCCTCCATAATGTTTTCG</u>	
	<u>AACATTATGGAGGATATCCATC</u>	
shSLC16a4-F	<u>CACCGCTGGTTATATGATTATACCCACGAA</u>	NM_004696
	<u>TGGGTATAATCATATAACCAG</u>	tv1 to 6
shSLC16a4-R	<u>AAAACCTGGTTATATGATTATACCCATTCGT</u>	
	<u>GGGTATAATCATATAACCAGC</u>	
shSLC16a6-F	<u>CACCGCACTGCTCAGACCCATCTTTACGA</u>	NM_001174166.2
	<u>ATAAAGATGGGTCTGAGCAGTG</u>	NM_004694.5
shSLC16a6-R	<u>AAAACACTGCTCAGACCCATCTTTATTCG</u>	
	<u>TAAAGATGGGTCTGAGCAGTGC</u>	
shBasigin-F	<u>CACCGCAGGATTCTGTTTCCTTAGGTTTCGA</u>	NM_001728.4
	<u>AAACCTAAGGAACAGAATCCTG</u>	tv1 to 5
shBasigin-R	<u>AAAACAGGATTCTGTTTCCTTAGGTTTTCG</u>	
	<u>AACCTAAGGAACAGAATCCTGC</u>	
shBeclin1-F	<u>CACCGCAGCAGTTCAAAGAAGAGGTTTCG</u>	NM_003766.5
	<u>AAAACCTCTTCTTTGAACTGCTG</u>	NM_001313998.2
shBeclin1-R	<u>AAAACAGCAGTTCAAAGAAGAGGTTTTC</u>	
	<u>GAACCTCTTCTTTGAACTGCTGC</u>	
SLC5a8-F	AGCCCTGTGTATTGGAATGG	NM_145913.5
SLC5a8-R	CAGACCAACAAGTGCTCCAA	
Embigin-F	TGTGGTGCTGAGCTATTTGG	NM_198449.3
Embigin-R	TTTCCCCTCATCTGAGTGCT	
β-actin-F	TGTTACCAACTGGGACGACA	NM_007393.5
β-actin-R	GGGGTGTTGAAGGTCTCAAA	
Basigin-F	AGCACCAGAATGACAAAGGC	NM_001728.4
Basigin-R	AATCTACGGGGTGGGTTTTC	tv1 to 5
Beclin1-F	ACAGTGACAGTTTGGCACA	NM_003766.5
Beclin1-R	TCCGTAAGGAACAAGTCGGT	tv1 to 4
SLC16a1-F	GTCATGATTGTTGGTGGCTG	NM_003051.4
SLC16a1-R	CAATCATGGTCAGAGCTGGA	NM_001166496.2
SLC16a4-F	GGGTTGCTGATCAAACTGG	NM_004696
SLC16a4-R	GCAAAGAACTGGCAAGTCC	tv1 to 6
SLC16a6-F	ACACTGGGATTCTTTGCACC	NM_001174166
SLC16a6-R	TCCCTGTTGAGGACAAAACC	NM_004694.5
hHMGCS2-F	TATAAGGGGCTGGAGGCTTT	NM_005518.4
hHMGCS2-R	GCATCCTGGGATACTCGAAA	NM_001166107.1
mHMGCS2-F	CCCCTGAGGAATTCACAGAA	NM_008256.4
mHMGCS2-R	GCATCTCATCCACTCGTTCA	

18S-F	AAACGGCTACCACATCCAAG	NR_003278.3
18S-R	GGCCTCGAAAGAGTCCTGTA	NR_145820.1

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Underlines indicate target sequence and complement sequence. tv: transcript variant, HMGCS2:  
3-hydroxy-3-methylglutaryl-CoA synthase 2