

Table S1. Oligonucleotides used for qPCR (A), 3'UTR reporter construction (B), wild-type and silenced mutant of ETF1 construction (C), siRNA interference (D), and mature miR-197 sequence (E). F: forward primer; R: reverse primer.

(A) Primers used for qPCR

EV71 VP2 F	CTGATGGCTTCGAATTGCAA
EV71 VP2 R	GCGTTTATGTACGGCACTATTATTGT
GAPDH F	GGTGGTCTCCTCTGACTTCAACA
GAPDH R	GCGTCAAAGGTGGAGGAGTG

(B) Primers used for construction of 3'UTR-Fluc reporter constructs

ITGAV-3'UTR F	GGGGGTTTAAACGAGAATGGGTCAAGATCAG
ITGAV-3'UTR R	GCGGGTTTAAACCTACCTTGTATACCTCAAC
ITGAV-3'UTR-mut F	GGCTCTGTAGAGTCGAGTACCTTCTAGAGG
ITGAV-3'UTR-mut R	CCTCTAGAAGGTACTCGACTCTACAGAGCC
MAP2K1-3'UTR F	ATATCCCGGGTGTTTGGGAAGCAACAAAGAG
MAP2K1-3'UTR R	ATATCCCGGGGAAAATGGTTAAAAGGATTTTCATACAA
MAP2K1-3'UTR-mut1 F	GTGAAATTTTAGCGGATGTGGGTAG
MAP2K1-3'UTR-mut1 R	CTACCCACATCCGCTAAAATTTTAC
MAP2K1-3'UTR-mut2 F	CTGTCTACTGCGATAATCTGTAGAC
MAP2K1-3'UTR-mut2 R	GTCTACAGATTATCGCAGTAGACAG
ETF1-3'UTR F	ATATCCCGGGGCTTGTTTGTTCATGGTGTGTCAGCG
ETF1-3'UTR R	ATATCCCGGGGAACAAGGAGCTGGTTCAGACCAA
ETF1-3'UTR-mut1 F	CTTTTACTGGACGATAAGATTGGTTGC
ETF1-3'UTR-mut1 R	GCAACCAATCTTATCGTCCAGTAAAAG
ETF1-3'UTR-mut2 F	GAAGAAATATATATAGCGGAATGTTGG
ETF1-3'UTR-mut2 R	CCAACATTCGCTATATATATTTCTTC
ETF1-3'UTR-mut3 F	CGTGCCCAGGATAGCGGCAGTTGAAC
ETF1-3'UTR-mut3 R	GTTCAACTGCCGCTATCCTGGGCACG
ATP6VA1-3'UTR F	ATCGGTTTAAACCTTTGTTCTAGTGTTGTGAAGGGCC TC
ATP6VA1-3'UTR R	ATCGGTTTAAACGAGTATAGTTCCCAATGGTTTCTC
GRB2-3'UTR F	TGGGCGCGATATCTCACGCCTGTAATCCCAGCA

GRB2-3'UTR R	CTTTGGG <u>GATATC</u> AAGGCCCAAGGCTGTCACC
ZRANB2-3'UTR F	ATCTTGG <u>GATATC</u> CTACAAGGAGAGAAGTGGGA
ZRANB2-3'UTR R	ATCCCAG <u>GATATC</u> AAAGCCCCCAAGCACAACT
HSPA1A-3'UTR F	TTGGGAG <u>GATATC</u> GGGCCTTTCCAAGATTGCTG
HSPA1A-3'UTR R	TTGGGGG <u>GATATC</u> AAATAGTCGTAAGATGGCAG
RALB-3'UTR F	TGTTGGG <u>GATATC</u> TTCTCCTGTAAGCATCCTGA
RALB-3'UTR R	AGCAAT <u>GATATC</u> AGAGGTAGCAGAAGGTCTGGCA

(C) Primers used for construction of ETF1simut

ETF1 F	AAAAAAGCTTATGGCGGACGACCCCAAGTG
ETF1 R	AAAACCCGGGCTAGTAGTCATCAAGGTC
ETF1-simut F	CAGTCCTGGGAGCA <u>ATC</u> ACGTCTGTACAAC
ETF1-simut R	GTTGTACAGAC <u>GTG</u> ATTGCTCCCAGGACTG

(D) siRNAs used for RNA interference

siITGAV	GACUGUUGAGUAUGC <u>UCCAUGUAGA</u> (dTdT)
siETF1	UGUAAUGGCUCC <u>CAGGACUGAAAGG</u>
siMAP2K1	AAAGCAUGAACCAUGAGUUGCUUCA

(E) Mature miRNA sequence

miR-197	MIMAT0000227	UUCACCACCUUCUCCACCCAGC
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