

TableS2 Nucleotide sequence

Primers For qPCR

ENO2	CGTTACTTAGGCAAAGGTGTCC	CTCCAGCATCAGGTTGTCCAGT
ACTIN	CATGTACGTTGCTATCCAGGC	CTCCTTAATGTACGCACGAT
CYTOR	GACCCAGCAACCATCTCCTG	GGGGGCTGAGTCGTGATTTT
PKM2	TGTCGAAGCCCCATAGTGAA	GGGTGGTGAATCAATGTCCA
YAP1	TAGCCCTGCGTAGCCAGTTA	CATGCTTAGTCCACTGTCTGT
MIR4435-2HG	GACATTCCAGACAAGCGGTG	GAAAAGATGCTGGTGACTGC
LINC01133	CTAATCTCACCACAGCCTGG	GCCTGGATTACCAATGAGGA
CDH1	CGAGAGCTACACGTTACGG	GGTGTGCGAGGGAAAAATAGG
CDH2	GCCAACCTTAAGTGGAGT	GCAAGTTGATTGGAGGGATG
SLUG	ACCTTGTGTTTGCAAGATCTGC	TGCAAATGCTCTGTTGCAGTGAG
OCLN	ACAAGCGGTTTTATCCAGAGTC	GTCATCCACAGGCGAAGTTAAT

ShRNA oligos

shENO2-1	CGTTCTGAACGTCTGGCTAAA	TTAGCCAGACGTTTCAGAACG
shENO2-2	GCCGGACATAACTTCCGTAAT	ATTACGGAAGTTATGTCCGGC
shENO2-3	CAAACAGCGTTACTTAGGCAA	TTGCCTAAGTAACGCTGTTTG

SiRNA sequences

si-ENO2-1	CGUUCUGAACGUCUGGCUAAATT	UUUAGCCAGACGUUCAGAACGTT
si-ENO2-2	CAAGGGAGUCAUCAAGGACAATT	UUGUCCUUGAUGACUCCCUUGTT
si-CYTOR	CAGUCUCUAUGUGUCUUAATT	UUAAGACACAUAGAGACUGTT
si-PKM2	GUGGAUGAUGGGCUUAUUUUCTT	GAAAUAAGCCCAUCAUCCACGTT
si-YAP1-1	GCCACCAAGCUAGAUAAAGAATT	UUCUUUAUCUAGCUUGGUGGCTT
si-YAP1-2	CAGGUGAUACUAUCAACCAAATT	UUUGGUUGAUAGUAUACCUUGTT

Overexpress and single point mutants primers

ENO2-FL-Flag	gatgacgatgacaaggatataTGTTCCA TAGAGAAGATCTGGGCC	atccttcgcgccgcgatccTCACAG CACACTGGGATTACGG
ENO2 1-304aa	gatgacgatgacaaggatataTGTTCCA TAGAGAAGATCTGGGCC	atccttcgcgccgcgatccTCACCA GGCAGCCCAATCA
ENO2 305-434aa	gatgacgatgacaaggatataTGTTCCA AGTTCACAGCCAATGT	atccttcgcgccgcgatccTCACAG CACACTGGGATTACGG
ENO2 1-369aa	gatgacgatgacaaggatataTGTTCCA TAGAGAAGATCTGGGCC	atccttcgcgccgcgatccTCACAC CATGACCCCCCA
ENO2 367-434aa	gatgacgatgacaaggatataTGTTGA GTCATCGCTCAGGA	atccttcgcgccgcgatccTCACAG CACACTGGGATTACGG
ENO2 1-380aa	gatgacgatgacaaggatataTGTTCCA TAGAGAAGATCTGGGCC	atccttcgcgccgcgatccTCAGAA TGTGTCTCAGTCTCTCCT
ENO2-SBD-mut	atggtgctgctgctgctGGAGAGACT GAGGACACATTC	agcagcagcagcCACCATGACCC CCCAGCCATT
ENO2-T-mut	agaggctgaggacgcttctATTGCTGA CCTGGTGGTGGG	aagcgtcctcagcctctccTGAGCGAT GACTCACCATGACC
ENO2-F-mut	agagactgaggacacagctATTGCTGA CCTGGTGGTGGG	ctgtgtcctcagctctccTGAGCGAT GACTCACCATGACC
ENO2-ED-mut	agctactgctgctacattcATTGCTGAC	atgtagcagcagtagctccTGAGCGA

	CTGGTGGTGGG	TGACTCACCATGACC
ENO2-G-mut	tgagactgaggacacattcATTGCTGA	atgtgtcctcagtcacgTGAGCGAT
	CCTGGTGGTGGG	GACTCACCATGACC
ENO2-AL-mut	tgctgctgctgctgctgctATTGCTGAC	cagcagcagcagcagcagcTGAGCG
	CTGGTGGTGGG	ATGACTCACCATGAC
