

S2 Table. Lists primers and oligonucleotides used.

Name	Sequence (5'-3')
<i>Genotyping</i>	
IDH1f	CGGTCTTCAGAGAAGCCATT
IDH1r	GCAAAATCACATTATTGCCAAC
IDH2f	CCAATGGAACTATCCGGAAC
IDH2r	TGTGGCCTTGTACTGCAGAG
<i>Plasmid construction shRNA</i>	
shPFKFB3- 4/5 sense	GATCCCGCCTGTCTAACATGAAAGGTTCAAGAGACCTTTCATGTTA GACAGGCTTTTTGGAAA
shPFKFB3- 4/5 antisense	AGCTTTTCCAAAAAGCCTGTCTAACATGAAAGGTCTCTTGAACCTT TCATGTTAGACAGGCGG
scr sense	GATCCCAGTACTGCTTACGATACGGTTCAAGAGACCGTATCGTAAG CAGTACTTTTTTGGAAA
scr antisense	AGCTTTTCCAAAAAAGTACTGCTTACGATACGGTCTCTTGAACCGT ATCGTAAGCAGTACTGG
<i>Plasmid construction overexpression</i>	
PFKFB3-4 f	TGGGCCCAAGATGCCGTTGGAAGTACTGACGCAGAG
PFKFB3-4 r	ATACTTAAGTCATGTTAGACAGGCTTGCC
PFKFB3-5 f	ACTTAAGCTTATGCCCTTCAGGAAA
PFKFB3-5 r	TAGCTCTAGATCATGTTAGACAGGCTTG
<i>qPCR</i>	
3PFK2fo2	GAGACGCAATAGTGTCAC
iPFK2re6	GGAGCCTTTCATGTTAGAC

TBPfo	TTCCACTCACAGACTCTCAC
TBPre	GCTCTCTTATCCTCATGATTACC
iPFK2fo	ACACCGGGAGAGGTCAGAGGATG
iPFK2re	CTACGGGAGCCTTTCATGTTTTG
HB10	GAATGTGCTGGTCATCTGCC
6PFK32re5	GAGCCTTTCATGTTCTCTG
<i>Multiplex PCR</i>	
4_Fo	ATGCCGTTGGAACTGACGCAG
5_Fo	GCGCGATGCCCTTCAGGAAAG
4+5-Re	ACAGGCTTGCCCTAGCAAAGG