

**Supplementary Table S1. Primers and overexpression sequences used in this study.**

ALDOB (F:CCAGAGCATTGTTGCCAA; R:ATAGCAGGCTGTGAAGAGCG)

STAT3 promoter (F:GCAGGGTTTGAATGAATGG;  
R:GGAGCCAAGAGGAGACTGAT)

ALDOB over expression:

ATGGCCCACCGATTTCCAGCCCTCACCCAGGAGCAGAAGAAGGAGCTCTC  
AGAAATTGCCAGAGCATTGTTGCCAATGGAAAGGGGATCCTGGCTGCAG  
ATGAATCTGTAGGTACCATGGGGAACCGCCTGCAGAGGATCAAGGTGGAA  
AACACTGAAGAGAACCGCCGGCAGTTCCGAGAAATCCTCTTCTCTGTGGA  
CAGTTCATCAACCAGAGCATCGGGGGTGTGATCCTTTTCCACGAGACCC  
TCTACCAGAAGGACAGCCAGGGAAAGCTGTTTCAGAAACATCCTCAAGGAA  
AAGGGGATCGTGGTGGGAATCAAGTTAGACCAAGGAGGTGCTCCTCTTGC  
AGGAACAAACAAAGAAACCACCATCAAGGGCTTGATGGCCTCTCAGAGC  
GCTGTGCTCAGTACAAGAAAGATGGTGTGACTTTGGGAAGTGGCGTGCT  
GTGCTGAGGATTGCCGACCAGTGTCCATCCAGCCTCGCTATCCAGGAAA  
CGCCAACGCCCTGGCTCGCTACGCCAGCATCTGTCAGCAGAATGGACTGG  
TACCTATTGTTGAACCAGAGGTAATTCCTGATGGAGACCATGACCTGGAA  
CACTGCCAGTATGTTACTGAGAAGGTCCTGGCTGCTGTCTACAAGGCCCT  
GAATGACCATCATGTTTACCTGGAGGGCACCCCTGCTAAAGCCCAACATGG  
TGACTGCTGGACATGCCTGCACCAAGAAGTATACTCCAGAACAAGTAGCT  
ATGGCCACCGTAACAGCTCTCCACCGTACTGTTTCCTGCAGCTGTTTCCTGG  
CATCTGCTTTTTGTCTGGTGGCATGAGTGAAGAGGATGCCACTCTCAACC  
TCAATGCTATCAACCTTTGCCCTTACCAAAGCCCTGGAAACTAAGTTTC  
TCTTATGGACGGGCCCTGCAGGCCAGTGCCTGGCTGCCTGGGGTGGCAA  
GGCTGCAAACAAGGAGGCAACCCAGGAGGCTTTTATGAAGCGGGCCATGG  
CTAACTGCCAGGCGGCCAAAGGACAGTATGTTACACGGGTTCTTCTGGG  
GCTGCTTCCACCCAGTCGCTCTTCACAGCCTGCTATACCTACTAG