**Table S1.The list of the glycolysis-related genes.**

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| **Gene Names** |
| ABCB6ADORA2BAGLAGRNAK3AK4ALG1ANGANGPTL4ANKZF1ARPP19ARTNAURKAB3GALT6B3GAT1B3GAT3B3GNT3B4GALT1B4GALT2B4GALT4B4GALT7BIKBPNT1CACNA1HCAPN5CASP6CD44CDK1CENPACHPFCHPF2CHST1CHST12CHST2CHST4CHST6CITED2 |
| **Gene Names** |
| CLDN3CLDN9CLN6COG2COL5A1COPB2CTHCXCR4CYB5ADCNDDIT4DEPDC1DLDDPYSL4DSC2ECDEFNA3EGFREGLN3ELF3ENO1ENO2ERO1AEXT1EXT2FAM162AFKBP4FUT8G6PDGAL3ST1GALEGALK1GALK2GAPDHSGCLCGFPT1GLCEGLRX |
| **Gene Names** |
| GMPPAGMPPBGNEGNPDA1GOT1GOT2GPC1GPC3GPC4GPR87GUSBGYS1GYS2HAX1HDLBPHMMRHOMER1HS2ST1HS6ST2HSPA5IDH1IDUAIER3IGFBP3IL13RA1IRS2ISG20KDELR3KIF20AKIF2ALCTLHPPLHX9MDH1MDH2ME1ME2MED24 |
| **Gene Names** |
| MERTKMETMIFMIOXMPIMXI1NANPNASPNDST3NDUFV3NOL3NSDHLNT5EP4HA1P4HA2PAMPAXIP1PCPDK3PFKFB1PFKPPGAM1PGAM2PGK1PGLSPGM2PHKA2PKMPKP2PLOD1PLOD2PMM2POLR3KPPFIA4PPIAPPP2CBPRPS1PSMC4 |
| **Gene Names** |
| PYGBPYGLQSOX1RARS1RBCK1RPERRAGDSAP30SDC1SDC2SDC3SDHCSLC16A3SLC25A10SLC25A13SLC35A3SLC37A4SOD1SOX9SPAG4SRD5A3STC1STC2STMN1TALDO1TFF3TGFATGFBITKTL1TPBGTPI1TPST1TSTA3TXNUGP2VCANVEGFAVLDLR |
| **Gene Names** |
| XYLT2ZNF292AAASADPGKALDOAALDOBALDOCBPGMENO1ENO2ENO3GAPDHGAPDHSGCKGCKRGNPDA1GNPDA2GPIHK1HK2HK3NDC1NUP107NUP133NUP153NUP155NUP160NUP188NUP205NUP210NUP214NUP35NUP37NUP43NUP50NUP54NUP58NUP62 |
| **Gene Names** |
| NUP85NUP88NUP93NUP98NUPL2PFKFB1PFKFB2PFKFB3PFKFB4PFKLPFKMPFKPPGAM1PGAM2PGK1PGK2PGM2L1PGPPKLRPKMPOM121POM121CPPP2CAPPP2CBPPP2R1APPP2R1BPPP2R5DPRKACAPRKACBPRKACGRAE1RANBP2SEC13SEH1LTPI1TPRACSS1ACSS2 |
| **Gene Names** |
| ADH1AADH1BADH1CADH4ADH5ADH6ADH7AKR1A1ALDH1A3ALDH1B1ALDH2ALDH3A1ALDH3A2ALDH3B1ALDH3B2ALDH7A1ALDH9A1ALDOAALDOBALDOCBPGMDLATENO3FBP1FBP2G6PCG6PC2GALMGAPDHGCKGPIHK1HK2HK3LDHALDHAL6ALDHAL6BLDHB |
| **Gene Names** |
| LDHCPCK1PCK2PDHA1PDHA2PDHBPFKLPFKMPGAM4PGK2PGM1AC016586.1ACTN3ADPGKARNTMLXIPLMYOGNCOR1NDC1NUP107NUP133NUP153NUP155NUP160NUP188NUP205NUP210NUP214NUP35NUP37NUP43NUP50NUP54NUP58NUP62NUP85NUP88NUP93 |
| **Gene Names** |
| NUP98NUPL2OGDHOGDHLOGTP2RX7PFKFB2PFKFB3PFKFB4POM121POM121CPPARAPPARGC1APRKAA1PRKAA2PRKAG1PRKAG2PRKAG3PRXL2CRAE1RANBP2SEC13SEH1LSTAT3TIGARTREX1ZBTB20ZBTB7APGM2L1HKDC1HTR2AIGF1INSINSRJMJD8ENO4ENTPD5ESRRB |
| **Gene Names** |
| GCKRGPD1HDAC4HIF1ACBFA2T3DHTKD1EIF6 |