Table SI. shRNA sequences.

| Name | Sequence (5'-3') |
|---|---|
| U6 promoter-shIκBα | TTCTAGAGTCGGGGCGGCCGGCCGCTTCGAGCAGACATGATAAGATACATTGATGAGTTTGGACAAACCACAACTAGAATGCAGTGAAAAAA |
| | ATGCTTTATTTGTGAAATTTGTGATGCTATTGCTTTATTTGTAACCATTATAAGCTGCAATAAACAAGTTAACAACAACAATTGCATTCATTTTATGTTTCAG |
| | GTTCAGGGGGAGGTGTGGGAGGTTTTTTAAAGCAAGTAAAACCTCTACAAATGTGGTAGGGCCTATTTCCCATGATTCCTTCATATTTGCATAT |
| | ACGATACAAGGCTGTTAGAGAGATAATTGGAATTAATTTGACTGTAAACACAAAGATATTAGTACAAAATACGTGACGTAGAAAGTAATAATTT |
| | CTTGGGTAGTTTGCAGTTTTAAAATTATGTTTTAAAATGGACTATCATATGCTTACCGTAACTTGAAAGTATTTCGATTTCTTGGCTTTATATATCT |
| | TGTGGAAAGGACGAAACACCGGTGATCCGCTCCGAGACTTTCGAGGAATCAAGAGTTCCTCGAAAGTCTCGGAGTTTTTTGGAATT |
| GLUT1 3'UTR | GGCTGATTCCCAAGTGTGAGTCGCCCCAGATCACCAGCCCGGCCTGCTCCCAGCAGCCCTAAGGATCTCTCAGGAGCACAGGCAGCTGGATG |
| | AGACTTCCAAACCTGACAGATGTCAGCCGAGCCGGGCCTGGGGCTCCTTTCTCCAGCCAGCAATGATGTCCAGAAGAATATTCAGGACTTAA |
| | CGGCTCCAGGATTTTAACAAAAGCAAGACTGTTGCTCAAATCTATTCAGACAAGCAACAGGTTTTATAATTTTTTTATTACTGATTTTGTTATTTT |
| | TATATCAGCCTGAGTCTCCTGTGCCCACATCCCAGGCTTCACCCTGAATGGTTCCATGCCTGAGGGTGGAGACTAAGCCCTGTCGAGACACTTG |
| | CCTTCTTCACCCAGCTAATCTGTAGGGCTGGACCTATGTCCTAAGGACACACTAATCGAACTATGAACTACAAAGCTTCTATCCCAGGAGGTGGCTATGGC |
| | CACCCGTTCTGCTGGCCTGGATCTCCCCACTCTAGGGGTCAGGCTCCATTAGGATTTGCCCCTTCCCATCTCTTCCTACCCAACCACTCAAATTA |
| | ATCTTTCTTTACCTGAGACCAGTTGGGAGCACTGGAGTGCAGGGAGGAGAGGGGAAGGGCCAGTCTGGGCTGCCGGGTTCTAGTCTCCTTTG |
| | CACTGAGGGCCACACTATTACCATGAGAAGAGGGCCTGTGGGAGCCTGCAAACTCACTGCTCAAGAAGACATGGAGACTCCTGCCCTGTTGT |
| | GTATAGATGCAAGATATTTATATATATTTTTGGTTGTCAATATTAAATACAGACACTAAGTTATAGTATATCTGGACAAGCCAACTTGTAAATACACCACC |
| | TCACTCCTGTTACTTACCTAAACAGATATAAATGGCTGGTTTTTAGAAACATGGTTTTGAAATGCTTGTGGATTGAGGGTAGGAGGTTTGGATG |
| | GGAGTGAGACAGAAGTAAGTGGGGTTGCAACCACTGCAACGGCTTAGACTTCGACTCAGGATCCAGTCCCTTACACGTACCTCTCATCAGTGTCCTCTTG |
| | CTCAAAAATCTGTTTGATCCCTGTTACCCAGAGAATATATACATTCTTTATCTTGACATTCAAGGCATTTCTATCACATATTTGATAGTTGGTGTTC |
| | AAAAAAACACTAGTTTTGTGCCAGCCGTGATGCTCAGGCTTGAAATGCATTATTTTGAATGTGAAGTAAATACTGTACCTTTATTGGACAGGCTC |
| | AAAGAGGTTATGTGCCTGAAGTCGCACAGTGAATAAGCTAAAACACCTGCTTTTAACAATGGTACCATACAACCACTACTCCATTAACTCCACC |
| | CACCTCCTGCACCCCTCCCCACACACACAAAATGAACCACGTTCTTTGTATGGGCCCAATGAGCTGTCAAGCTGCCCTGTGTTCATTTCATTTG |
| | GAATTGCCCCCTCTGGTTCCTCTGTATACTACTGCTTCATCTCTAAAGACAGCTCATCCTCCTCCTTCACCCCTGAATTTCCAGAGCACTTCATCT |
| | GCTCCTTCATCACAAGTCCAGTTTTCTGCCACTAGTCTGAATTTCATGAGAAGATGCCGATTTGGTTCCTGTGGGTCCTCAGCACTATTCAGTACAGTG |
| | CTTGATGCACAGCAGGCACTCAGAAAATACTGGAGG |
| HK2 3'UTR | GAGGCTGGACAGCGATAGAACCCCTGAAATCGGAAGGGACTTCCTCTTTCTCTCCTTCTTCCCTGTTTTAAATTATAAGATGTCATCCCCTTGTGTC |
| | AGAGACAGACCCCTTGGCTTTTGCTTGGCAGAGAGGACCCCACTGGACTGGGTTTTGTCTCTGCATCTCATTGTAGAGCTTGGTGGCTGAGCT |
| | TGGCCCTATTAAGATAAATAGAGTTCCAAATAAGGATTTGTTCACATGCATCATAACCATTCCCATTGGTTCTCCTAAAACATGAAAATTATCTCCCT |
| | TAGTAATCCCCCTTGCCAAATTCCATGTCCCTGTATAATTCTACAGGATGGGGACACTAATGAAGATACGGTTGCTTCACCTTGGAGCCTGAACATG |
| | ACATTTCTAAGTGGGGTGCATCCCCCAGCACTGATGTTGTTACTGATTCTCCTGTCAGAGATCTGGGAGGTCTCCACTGAGGATGTGAGCCTGAT |
| | TATCCTATAGGCAGACGTGGGGAGGGTGGAGGGGTGACAGTGGAGGAAAATCCATGGATATCCACGCAGCAGCCCCTCTTTAACCTCATCTAC |
| | AAGCATTTGCCCTGTGGATTCCAGCATTTGCCATTCCTGGAATCAAGGAATCCTGAGTCTGGGCAATGAAACCAAAGCCAGGAGTTGACGCAT |
| | CCTGCAGTTGGGCCAGCTGTCGCATCTCAGCGGGGCGCACATGTTATCCACAAGCAATGGACCTTTGGGGAAGGGGGAGTTTTTAGTTTGTTT |
| | TACAAATTTTTCCTGCAAAAGTGGAATCACTGTATTTTCATTTTAATTTATATTTGAAATTTTATTTAGTTCTTGAGTAGATCTGCTTCTTCATCTTG |
| | ACATGTAATGAATGGTCAGTTGTACGTAATGTATTTATATGTTAATTTGTTATGTATATAGATGTGCAAGTCTTGTCAGAATTGGCCTCAGTGTAGTT |
| | AAAGGGCAGAAGGGGAAGATACTGACTAGTCATAGAAATACCTCATTCGCCTGTGGGAAGAGAAGGGAAGCCTCTTCAGGGTGAGTGAATGG |
| | CAAAGCGGTTGCTTCTGGCTCCTCCTTCCCCTGTGGTCTTGGAAGTGTGTGGAAGGCAGGGACAGAGATGGAGGCCGAGCCAATAGACTGAA |
| | GAGACCACAGCAATTGGCTCCTCCATCTAGAGATTTTCTTGGCAGTATTCCATGGGATGTTAAGCAAAGGAAACCAAAGGAATCGTTTCAAAT |

Table SI. Continued.

| Name | Sequence (5'-3') |
|---|---|
| | GGACTCATGGCTTAGAAATCTTTATTCTTAGGGCAGTCAGTAGTATTCTAAAGCTTTCTGACAAGATAAAGGAAGTCACCAAAATTTCTTTTTTT |
| | AAATTGTATCTAATCCTCAACAACAAACCAAAACAGAACAATTAAACAGCCAAATAAAACCTCAGGGACAACATTTTTGGTGTATTTGAGCCC |
| | TCCCAGCAAGTTTCACCTTGGGTTTGTATTTTAAATGTTTTACAAGAATTGTCCATGTGCTTCCCTAGGCTGAGCTGGCATTGGTCTGCTGACCT |
| | GTTTTTGTGTTTTTCTTTTTTTTATACACAACATTTATTTCAAACTATTGGGAGGGATGAGAGTGGCTTAAAAACTTCCATCCCTACTTTTCAAGA |
| | GTGCAGTTGATTCTGAATCTGAAAGCCCGCCTCTGTCCTAAAATACAAACAAGCACAGACATTAAACCTGGATACTATATGATAAAGAGGGATG |
| | TAACTATTGAATTGGATACAAGGATCAGAATGGAAAGAAACTCACGATGAAATTGAACCTGGTTTTTGTATATTTATCAAACTTGTGCTGAGAA |
| | TAGTGTCTGATTATACGACTTTTAAGCAAAGTTGGGTGTAATTAGGTGAAAACAGCCCAGGTCCTCCCGGGAGCACAGAGGGGCTAGGGGCTG |
| | GTCCTTCTCGTTTGCTCTAGTCTTGCTTTGCTGTCTGGTGTAGCTCCTCTGCTGCTCCCATCTGCACTAATTGACCCAAAACGTGGGTATTTCCTG |
| | CTACACAAAAGCCAAAAGGTTTCATGTAGATTTTAGTTCACTAAAGGGTGCCCACAAAATAGAGATTAATTTTAACTTAAATTTTAAGCTTGAAG |
| | ATTAGGTACTATCTGTGAAGTTACACTTTTTTTTTTTTTTTTAAAGGTAGAGATGTGTGTGTGTGTAGGTATTAAAGATGTGTTGTTGGTTTCCAA |
| | AAAGGAACACTGGAAAATAAATTTTGAATGTTTATGTTCTCAGAATCAGGTTGACAGTCCCTTGCTGACATGGCTTTGCTTTGTGTAAATACAG |
| | TGGATCTCAATCTTCGGGGTGTGATGAATAGCGAATCATCTCAAATCCTTGAGCACTCAGTCTAGTGAAGATGTTGTCATTATGTACAATACATA |
| | ACTAGTTTAATTAACTATGTGATGTTAACTATTATTAATAAATTTTAACATTTTCCAAAATAA |
| PFK1 3'UTR | ACCTGGAGCACATCACCCGGAAGCGGTCCGGGGAAGCTGCCGTCTAAACCTCTCTGGAGTGAGGGGAATAGATTACCTGATCATGGTCAGCTC |
| | ACACCCTAATAAGTCCACATCTTCTCAGTGTTTTAGCTGTTTTTTTCATTAGGTTTCCTTTTATTCTGTACCTTGCAGCCATGACCAGTTCTGGCCA |
| | GGAGCTGGAGGAGCAGGCAGTGGGTGGGAGCTCCTTTTAGGTAGAATTTAACATGACTTCTGCCCCAGCTTTATCTGTCACACAAGGCTGGGCA |
| | CCTCTAGTGCTACTGCTAGATATCACTTACTCAGTTAGAATTTTCCTAAAAATAAGCTTTATTTATTTCTTTGTGATAACAAAGAGTCTTGGTTCCT |
| | CTACTACTTTTACTACAGTGACAAATTGTAACTACACTAATAAATGCCAACTGGTCACTGTGCTTTTGCTTCTCCTGTTATCATCTTCCTAAGTGG |
| | AATGTAATACTGTCAGCCCCATGTATCAGACACTTGTCTGATGAAGCAGTAAAGACGTTAAGGGTATCACAGGGGGTGGAGGAAGGGATTATCT |
| | CTAGTACACTACTTGCTGGCTGTCTGAAAAATTGTCACTGCCAAACTCTAAAAACAGTTCTAAATAGTGACTGAGAAGGTTTGTTGCTGGAGTC |
| | AGGGAATAAGGCAGCCAAATACTCTTTGCACAGTTCTTTAGTGGGAAGA |
| G6PD 3'UTR | GTGGGTGAACCCCCACAAGCTCTGAGCCCTGGGCACCCACCTCCACCCCCGCCACGGCCACCCTCCTTCCCGCCGCCCGACCCCGAGTCGGG |
| | AGGACTCCGGGACCATTGACCTCAGCTGCACATTCCTGGCCCCGGGCTCTGGCCACCCTGGCCCGCCCCTCGCTGCTGCTACTACCCGAGCCC |
| | AGCTACATTCCTCAGCTGCCAAGCACTCGAGACCATCCTGGCCCCTCCAGACCCTGCCTGAGCCCAGGAGCTGAGTCACCTCCTCCACTCACT |
| | CCAGCCCAACAGAAGGAAGGAGGAGGGCGCCCATTCGTCTGTCCCAGAGCTTATTGGCCACTGGGTCTCACTCCTGAGTGGGGCCAGGGTGG |
| | GAGGGAGGGACGAGGGGGAGGAAAGGGGCGAGCACCCACGTGAGAGAATCTGCCTGTGGCCTTGCCCGCCAGCCTCAGTGCCACTTGACAT |
| | TCCTTGTCACCAGCAACATCTCGAGCCCCCTGGATGTCCCCTGTCCCACCAACTCTGCACTCCATGGCCACCCCGTGCCACCCGTAGGCAGCCT |
| | CTCTGCTATAAGAAAAGCAGACGCAGCAGCTGGGACCCCTCCCAACCTCAATGCCCTGCCATTAAATCCGCAAACAGCCC |

IκBα, inhibitor of κB; shRNA, short hairpin RNA; shIκBα, short hairpin IκBα RNA; GLUT1, glucose transporter 1; HK2, hexokinase 2; PFK1, phosphofructokinase-1; G6PD, glucose-6-phosphate dehydrogenase; 3'UTR, 3'untranslated region.