**Supplementary Table 3: Primers for quantitative real-time polymerase chain reaction assays**

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| **Gene** | **Forward** | **Reverse** |
| PKM2 | TCTCTTCGTCTTTGCAGCGT | CAGCTGCTGGGTCTGAATGA |
| FASN | CCTGGCTGCCTACTACATCG | CACATTTCAAAGGCCACGCA |
| IRS1 | GAGGACCCGACCAAGCAAAT | CAAAGGCCAAGGTCAGAGGC |
| HRAS | CCTGTGAACGGTGGGGC | ATTCCGTCATCGCTCCTCAG |
| KRAS | AGGAGTATGTGCTGTGAAGTGA | TCCATTTCGGGGCAAACAGT |
| ERK1 | TCCTTTGAGCCGTTTGGAGG | AGTACATACTGCCGCAGGTC |
| ERK2 | CTATCCTGCGGGATCACTGG | CAGAGAGAGAAGACGGGCTG |
| AKT1 | CAGATTCAGACCGGCAGGG | GCAAGCCCAAAAACCTCCTG |
| AKT2 | AGGGAACCAGCGCAGC R: | GAGCCAGCCTTCTTTGATGACA |
| 18S | GCATGGGTCCGATCAACACT | TCCATGCCATTTGCTGTCAC |