| Gene (mouse) | Primer Sequence | Product Size (bp) | Tm (°C) |
|--------------|-----------------|------------------|---------|
| **Gapdh**    | Forward: AACTTTGGCATTGTGGAAGG | 223              | 56.75   |
|              | Reverse: ACACATTGGGGGTAGGAACA  |                  | 58.55   |
| **Gcg**      | Forward: ACTCACAGGGCACATTCACC   | 111              | 60.25   |
|              | Reverse: TGGCAATGTTGTTCGGTTC    |                  | 59.33   |
| **Omp**      | Forward: AGTGTCCCCTGACTGTCTCA   | 139              | 59.81   |
|              | Reverse: ACCGGTACCACAGCCTATCT   |                  | 60.03   |
| **G6pase**   | Forward: CTGTTTGACAACGCCCCGTAT  | 91               | 61.21   |
|              | Reverse: AGGTGACAGGGAACTGCTTTA  |                  | 58.95   |
| **Pepck**    | Forward: CTGCTACTGGACTTGTTCTCTTG | 21              | 58.73   |
|              | Reverse: GCCTTCCACGAACTTCCTCAC  |                  | 61.21   |

**Supplementary Table 1.** Gene, primer orientation, primer sequence (5’ to 3’), and sequence for primers used in real-time quantitative PCR assays