| Gene ID     | Annotation                                                                 | Primer                  | Sequence (5'→3')               | Product length (bp) |
|------------|----------------------------------------------------------------------------|-------------------------|---------------------------------|---------------------|
| 111036240  | aspartate aminotransferase                                                 | Forward (F)             | CCTCAAACCACGGTGCTAA             | 146                 |
|            |                                                                            | Reverse (R)             | GCACCTCTATCTCTGAGGC             |                     |
| 111028794  | cationic amino acid transporter 2-like                                     | Forward (F)             | ACACAGGCCCCCCTATCTGAA           | 122                 |
|            |                                                                            | Reverse (R)             | CCGACGGCCACATAACTGTA            |                     |
| 111030241  | proton-coupled amino acid transporter-like protein pathetic                 | Forward (F)             | TACGACGCCCCATCCTATGCG           | 128                 |
|            | cathepsin B5                                                               | Reverse (R)             | CCAACGTTGATCTGATGAT             |                     |
| 111032907  | legumin-like                                                               | Forward (F)             | GCGTGCTGTAACCTGAGGAGAC          | 104                 |
|            |                                                                            | Reverse (R)             | CCAACGTTGATCTGATGAT             |                     |
| 111031294  | transmembrane protease serine 9-like                                       | Forward (F)             | ATACCGTTGCTCCCGGAT              | 132                 |
|            |                                                                            | Reverse (R)             | ATACCGTTGCTCCCGGAT              |                     |
| 111041315  | aminopeptidase N-like                                                     | Forward (F)             | TCAAATGCGTTGCTACCA             | 150                 |
|            |                                                                            | Reverse (R)             | TCAAATGCGTTGCTACCA             |                     |
| 111039505  | maltase 1-like                                                            | Forward (F)             | AATAGTACTCCGGAGGTTTTAC         | 102                 |
|            |                                                                            | Reverse (R)             | AATAGTACTCCGGAGGTTTTAC         |                     |
| 111042207  | facilitated trehalose transporter Tret1-2 homolog                          | Forward (F)             | ATGTAGCTGTGCTGATGCA            | 136                 |
|            |                                                                            | Reverse (R)             | ATGTAGCTGTGCTGATGCA            |                     |
| 111033224  | plastidic glucose transporter 4-like                                       | Forward (F)             | GCGGAAATAGGAGTGGACAG           | 149                 |
|            |                                                                            | Reverse (R)             | GCGGAAATAGGAGTGGACAG           |                     |
| 111039259  | Knüppel homolog 1                                                         | Forward (F)             | GGGAAATGGCAACCGACAT            | 129                 |
|            |                                                                            | Reverse (R)             | GGGAAATGGCAACCGACAT            |                     |
| 111029901  | broad-complex core protein-like                                           | Forward (F)             | TCCTCGTCGTCCCCTCAGT            | 133                 |
|            |                                                                            | Reverse (R)             | TCCTCGTCGTCCCCTCAGT            |                     |
| 111040386  | hormone receptor 4-like                                                    | Forward (F)             | GGGTGTGTTTTGAGAATTTGGGACC      | 146                 |
|            |                                                                            | Reverse (R)             | GGGTGTGTTTTGAGAATTTGGGACC      |                     |
| 111026202  | insulin-like peptide 5                                                    | Forward (F)             | TGTCAGCAGTCAGTCTAGT            | 129                 |
|            |                                                                            | Reverse (R)             | TGTCAGCAGTCAGTCTAGT            |                     |
| 111031688  | neural/ectodermal development factor IMP-L2                               | Forward (F)             | GAAACCACCTCTACGACCTAT          | 116                 |
|            |                                                                            | Reverse (R)             | GAAACCACCTCTACGACCTAT          |                     |
| 111032347  | 60S ribosomal protein L7                                                  | Forward (F)             | TGCGAGAGTCTGACTCAGAA           | 92                  |
|            | (Reference gene)                                                          | Reverse (R)             | TGCGAGAGTCTGACTCAGAA           |                     |