**Table S1 Primers sequences**

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| Gene name | Primer sequences | Amplicon size (bp) | NCBI Reference Sequence |
| *Gapdh* | F: 5’-TCACTGCCACCCAGAAGA-3’ R: 5’-GACGGACACATTGGGGGTAG-3’ | 185 | XM\_017321385.2 |
| *Zfp640* | F: 5’-TGTGCAGGCTTGAATGGTTC-3’R: 5’-CTGAGGTCCCCTCAATGCAC-3’ | 70 | XM\_030247511.2 |
| *Gm6749* | F: 5’-ATGGGTGTTGCCCATACCAC-3’R: 5’-GGCTTTTGTGGCCAGTTGTT-3’ | 93 | XM\_017321875.3 |
| *Obox7* | F: 5’-TTGTCCGCAAGAATACCAAGAA-3’R: 5’-AGAGCTTGTCTGCAGATGGAC-3’ | 188 | NM\_001038676.1 |
| *Glrx* | F: 5’-CATAGGCGGATGCAGTGATCT-3’R: 5’-CTCTGCCTGCCACCCCTTTTAT-3’ | 106 | NM\_053108.4 |
| *Vamp9* | F: 5’-ACTCTCTTTATTGACGGAATCACT-3’R: 5’-TATTCCATCATGTGCTGTGCT-3’ | 194 | NM\_001378420.1 |
| *Tnk2* | F: 5’-CAAGAGGGCCAGGTAGTGTG-3’R: 5’-TTGGCACTAGAGCAACCCTG-3’ | 170 | NM\_016788.3 |
| *Cd72* | F: 5’-CCTCGGAAGTCTGGAGGAGA-3’R: 5’-GGGGCGTCAGAGAGGTATTC-3’ | 108 | NM\_001110320.1 |