**Supplemental File 2. Sequences of Primers**

|  |  |  |
| --- | --- | --- |
| Primers | Forward | Reverse |
| AlplSpp1Bmp2Bglap Sp7Runx2Slc2a1Slc2a3LdhaPfkfb3IbspCol1a1Hk2Pgm1GapdhHif1aLdhbIdh2Idh3bNdufc1Ndufa4Ndufaf2Ndufaf4ActbFabp4Pparg  | ACTGATGTGGAATACGAACTGGGCTTGGCTTATGGACTGAGGTCAACACCGTGCGCAGCTTCCATCCACCTAGCAGACACCATGAGATG GCG TCC TCT CTG CTT GGTAGCCAGGTTCAACGATCTGGATTGGTTCCTTCTCTGTCGGCGCTTCTCATCTCCATTGTCCGCTCCCCAGAACAAGATTACAG GTGTGGCTTCCACTTCTGCTCCGGCCACGCTACTTTCTTATGCCTACTTTTATCCTCCTCTGGTCAGACTCATCCTGGTGAAGCAACGCACTGAAGGAGCTACTCCATCACTGCCACCCAGAAGACTGCCTGCACTGAATCAAGAGGTTGCCCTCAGATCGTCAAGTACAGCCCAAGGAGTGGGAGGTGTATAACTCATTGAGTGCCTGAAGATCGTCAACACGGTCGAAGTTCTATGCCCAGCTTGATTCCTCTCTTCACTGGAGAGGGCAGACTATTGTAACTGGGCTCGTCCATATTCGTGACGTTGACATCCGTAAAGAGAAGCTTGTCTCCAGTGAAAACGGAAAGACAACGGACAAATCAC | AGTTCAGTGCGGTTCCAGCCTTAGACTCACCGCTCTTCATGCGGAAGATCTGGAGTTCTGCAGGTTCACTACCTTATTGCCCTCCTGA AAG GTC AGC GTA TGG CTTCCGTCCACTGTCACTTTAATAGCCCCAGGATCAGCATCTCAAAGTGAAGATAGTATTGACCACGCCTCGCCCTTGAGTTTGTCTTCCATGTTTTGTCCGGGCAGCGGACTGGAAACCGTTTCTCTTCATTGTTTTCCTCTTCGTTTGCCTTCTGAATTCCGTCCTTATCGGGCACCAAGTTCTTCACAGAGGATGCCAGTGAGCTTCCCGTTCAGCCATCAGAAGGACTTGCTGGCTATCCGCTTCCAATCACACGGTGTCAAGTAGAGCGGCCATTTCCAAGAACAAGCCATCCCCTAGCATCTTCATTGTGTGTTTGGATGAGGCTCTGGGTTGTTCTTTCTGGTGGAGTCTTCCTTGTTCTTCCATCGCTGGATTCTTCTCATCTGCCGGACTCATCGTACTCCGACCAAATCCCCATTTACGCTACGGATCGAAACTGGCAC |