Additional file 5: Table S2 Primer lists used in RT-PCR.

|  |  |  |  |
| --- | --- | --- | --- |
| **Gene ID** | **F** | **R** | **Validation** |
| AS Events |  |  |  |
| Px001490\_1 | AACAGCGATAGAGATT | AAATCCTTGAATCCAT | + |
| Px001490\_2 | AACAGCGATAGAGATT | TTGGACAGACCAGTAT |
| Px007522\_1 | TCATCCCAATAGTCCTG | AAAATCCTATCCTAACC | - |
| Px007522\_2 | ACTCCAACATCTAATCC | TTTTGACCCAACTTTTC |
| Px010483\_1 | TGTATGTGATTTTTCTG | TTCATCCTATCTGTAAC | + |
| Px010483\_2 | CACGATTTTATTACACT | TGTTAGTTTGTGGGGTC |
| Px002795\_1 | AAGAACGCTCAGAACAT | GCAAGTAACAATCAATC | + |
| Px002795\_2 | AAAAAATGTCAACGAAAC | GCATTGAAAGCATAATTC |
| Px001712\_1 | TATCTCAGAAGCCAACC | TCACTCTTGTAGAACCC | + |
| Px001712\_2 | GAACGCAGAAGAAAACG | TCATTCTCACTAACATT |
| Px007030\_1 | CTTTCCATCTCCTTTAT | ATGTAGCCCTTGAAAAT | + |
| Px007030\_2 | GCGTGACCCCGTATTCT | AACCTCAACGAAGTCAG |
| Px012488\_1 | AAAGACAAAAGCAGCAG | TGAGGGCACATTCCAGG | + |
| Px012488\_2 | GTTTGTTGACACTTCTG | CAGAAAGTAGAAAAGGT |
| Px011663\_1 | ATCATTGTTGGACATAGC | TTGTGAGGTGGTCAAGAG | + |
| Px011663\_2 | TTGATAATAAAATCTGAG | AGTTTTTGATTTGTGAGG |
| Px000969\_1 | CCAAATGGTGTTAGACG | ACTTGAGCGAGGTGTAG | + |
| Px000969\_2 | TCCAATGAAATAAAGTT | TTATTGAAGTCCTGATT |
| Px003123\_1 | ACCTCCATACCATCATC | GCTTGTCACAGTTGGTC | + |
| Px003123\_2 | GCCCAAGTGCCAGTATTC | CGTCAACGGCTGTAGAAG |
| Px003123\_3 | TTAGCCTTCCGAACCTC | GCAAGCATTTTCATCGG |
| Px001937\_1 | CAGGAAACAGCGAAAATG | GATGTTTGCTCAGATGCG | + |
| Px001937\_2 | CTATTTACTACTCACGC | GGGGTAGGAGATTGAGG |
| Px012488\_1 | AAAGACAAAAGCAGCAG | TGAGGGCACATTCCAGG | + |
| Px012488\_2 | GTTTGTTGACACTTCTG | CAGAAAGTAGAAAAGGT |
| Px016332\_1 | GATGTCCAGGTCAGGGG | GTGCCATCTACAACAAC | + |
| Px016332\_2 | GCTTTCGTGGAACCTTT | CAGATAGCCTCAGCGGT |
| Px000009\_1 | ATTTGTCTCTCAAGGTAG | GTTACCTTTGGCATAGTC | + |
| Px000009\_2 | ATTGCTGTATCTGTTAT | TTTGATTCTATGATGGT |
| Px000009\_3 | CTTCATTAGTCGGGTCT | ATCATCGGCTGTCTTGT |
| Px004339\_1 | ATTACCCCCTTACCCCT | CTTGCCGGACATCTTTT | + |
| Px004339\_2 | GTATACACCAGTGCAAC | TTACTTGGGTTCCGTTT |
| Px013988\_1 | TCGTGGAGAGAGCCCTT | GACTGGATGCCCTGGTT | + |
| Px013988\_2 | CTAACTGAAAAGCAAAG | TTACTGAGGATTCTTAG |
| Px006969\_1 | CGTCAACGGCTGTAGAAG | ATTACCCCCTTACCCCT | + |
| Px006969\_2 | CTTGCCGGACATCTTTT | GTATACACCAGTGCAAC |
| Px002303\_1 | TAGACGGAACAAAAGTAC | TGAAAATGAAGACAAATG | - |
| Px002303\_2 | AGAGCCAGTTCAACGATG | TCAAGAACTACCAAAACC |
| Novel transcripts |  |  |  |
| NPx00189|scaffold\_1:709946-718751(-) 1626 | ATCAGAAGTGAAAGTGG | ACTCTTGTGAGGGAAAT | - |
| NPx02574|scaffold\_104:593117-596037(+) 2921 | GATTATGAAACCGCAACC | GATTTTACGCTCTGTGAC | + |
| NPx05452|scaffold\_1115:20078-21440(+) 1012 | TAACATTTAGGCTTATCGT | AAACTATTCAGGACTTATG | + |
| NPx06001|scaffold\_113:1039472-1042086(-) 2029 | AAAGAGCAAGTCAGGTC | ACAACATAGTTCCCTTT | + |
| NPx08299|scaffold\_120:346162-355393(+) 2293 | ATGCTTTTAGGCTTTAC | CTCATCTTCGCTTACTC | + |
| NPx15967|scaffold\_149:598155-600351(+) 1473 | AGTGTAGCGACATCAGG | ACAAACCAGTTCTCAGT | + |
| NPx17083|scaffold\_153:267620-269390(+) 1331 | CCATCCATCCGTAGAGC | GGCTATGCTTGGCTTTC | + |
| NPx26316|scaffold\_199:831047-833702(-) 2121  | GCACCAACGAAAATAGC | AGCACCAGCGTGTTCCT | + |
| NPx37758|scaffold\_275:515487-516304(-) 767 | ATTTTAGAACACAGCGT | AAGGTGGTTTTATTCTG | + |
| NPx37974|scaffold\_277:147874-148388(+) 515 | TCAGTTTTGGCAGTTCT | TTTCAATAACTGGCAAC | + |
| NPx44018|scaffold\_319:239984-246027(+) 1367 | ACAATGGACCAAGGAAAG | TTAGTTCAGGCAGTTTCT | + |
| NPx48350|scaffold\_363:84236-85433(+) 938 | GCAACACCCTGTATTAG | CTGTGATTGGTGGAACG | + |
| NPx48414|scaffold\_364:104509-106468(+) 1495 | AACAGATGTAAATGGCG | CAGACCAGGACAAAGTG | + |
| NPx56709|scaffold\_464:148307-149766(+) 1432 | TCCTTTAGACATCCATT | CTACCTGTCAAGAAAAC | + |
| NPx60083|scaffold\_509:100247-101479(-) 735  | TAGCGACCAGTGGCAAC | AACCAGAGCCTTACACG | + |
| NPx64738|scaffold\_59:1361718-1362534(+) 778 | GTGAGAGTGAACTAAAT | TTTACAACAGTTTTCTC | + |
| NPx65672|scaffold\_61:432390-433172(+) 784 | GTAAGTAATCGTTTTTGT | CGGTTTTGAATCCAGTTT | + |
| NPx73945|scaffold\_83:67702-71674(-) 1130 | TCATTGGAAGGAAACCCG | AATACCTGTTGCTTGGAT | + |
| NPx74567|scaffold\_86:36544-44937(+) 1096 | ACTGAAAATAGTGCTGG | AGTCAGTTATGAATGGC | + |
| NPx75344|scaffold\_89:721391-722325(+) 916 | TATTGCGATGTTGGAGG | TTGTGTTGTTTTGGCAT | + |

Transcripts were verified by PCR were marked with “+”.