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 “+”.