sbp2t11 Nucleotide Alignment in Texas and Australian Babesia bovis strains

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                                   20                                  40                                  60                                  80                                 100
sbp2t11 Tx                 ATGGAACTAGCAAGGCGTAACAACGGCTTCCGCAAGGTTGCCAAGTGGATTGTTGGCGCAGTTGTTGTGGCAGGTGCTGCCAGTGGCAATGTCATATGTG
sbp2t11 T and Dixie strain ATGGAAGTAGCAAGGCGTAACAACGGCTTCCGCAAGGTTGCCAAGTGGATTGTTGGTGCCGTGGTTGTGGCAGGTGCTGCTAGTGGCAATGTCCTATGCG

                                  120                                 140                                 160                                 180                                 200
sbp2t11 Tx                 ATGAGGTTTCGGAACCACAGGAGGCTGAAGT----GAAGT-----CTGAGATTAATGTGAATGGAGAGGATAAGGCGATGAGTAATATTGAAGAGGACGA
sbp2t11 T and Dixie strain ATGAGGTTTCGGAACCACAAGAGGCTGAAGTTGGTGAAGTGAACACTGAGAGTAATGTGAATGGTGAGGATAAGGCGATGAGTAATATTGAAGACGATGA

                                  220                                 240                                 260                                 280                                 300
sbp2t11 Tx                 TTTTGATGCAGTTATAGGCAGGCTTCCACACGACCCATCTGCTGTGGCCATTCTGAACTCAAGGGGCAAGTCGTTTACAAACCAAGACATTTACGGATTG
sbp2t11 T and Dixie strain TTTTGATGCAGTTATAGGTAGACTTCCACACGACCCATCTGCAGTGGCCATTGTGAACTCAAGAGGCAAGTCTTTTACAAACCAAGACATTTACGGATTG

                                  320                                 340                                 360                                 380                                 400
sbp2t11 Tx                 ATAGATCACGATATACGCCTAGGTGTATTGCCCATAAAGTTGTCTGAAGAAGAGATACCTAGAGTTCGGGAACGTATAGTAGAGTTAAGAAGAAAGAAGT
sbp2t11 T and Dixie strain ATAAATCACGATATACGCCTAGGTGTATTGTCCATAAAGTTGTCTGAGGAAGAGATACCTAGAGTCCGGGAACGTATGGTAGAGTTAAGAAGAAAGAAGT

                                  420                                 440                                 460                                 480                                 500
sbp2t11 Tx                 TGTTGGACGCCATATCCTATTTCGATCAGTTACTATCAGAACTACCTGATGAACTCGCCCAAGAAGCATCGAAATACAGTTACCTTAGTGAATTACCTGA
sbp2t11 T and Dixie strain TGTTGGACGCCATATCCTTTTTCGACCAGTTACTATCAGAACTGCCTGCTGAACTCGCCCAAGAAGCATCAAAATACAGTTACCTTAGTGAACTACCTGA

                                  520                                 540                                 560                                 580                                 600
sbp2t11 Tx                 AGACCTAGCCAATGCTCTTGAGGACTATGTAAAGGCTCTTAACGATAGAATCGAAGCAGAGCAAGACAAAATAAGGGAAGCAGAAATGAAAGAAATGTTC
sbp2t11 T and Dixie strain AGACCTAACCAATGCGGTTGAGGACTATGTAAAGGCTCTAAACGATAGAATCGAAGCAGAGCAAGACAAAATACGGGAGGCAGAAATGGAAAAAATGTTC

                                  620                                 640                                 660                                 680                                 700
sbp2t11 Tx                 GAAAAAATGAAGGAAGAAGGAGCGCAAAATATGGGAGGAGCAGGAACAACGAATGTATCTATGCCACCAAGTGGAAAAGGA---GAGCACAATAATGAAG
sbp2t11 T and Dixie strain GAAAAAATGAAGGAAGAAGGAGCGCAAAATATGGGAGGAGCAGTAACAACGAACGGACCTATGCCACCAAC---GAACGGACCTATGC-CACCAACGAA-

                                  720                                 740                                 760                                 780                                 800
sbp2t11 Tx                 TGACGGAAGCCAATAAAACCGATGGTTCAATGGAT-CAGAATCC----ATCAGAAA-ACAACCAT---------TTGAAAGGGAAAG----CACCAGAAA
sbp2t11 T and Dixie strain ---CGGA--CCCATGCCACCGAGTGTACAAGGGACGCAAGATAATGGAATTAGGGATGCAAACATAACCGATGGTTCAATGGGTAAGAATCCATCAGAAA

                                  820                                 840                                 860                                 880                                 900
sbp2t11 Tx                 ACGAAGATAAAAAACCGAAATCCAAGCCATGGTACAAATTTTGGTAA
sbp2t11 T and Dixie strain ACGAAGATACAAAACCGAAATCCAAGCCATGGTACAAATTTTGGTAA
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