A

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Bo9g018330.1      GTAAATTTTTTTCATTTTTATATAATAACACGCGTGCACCATCAGATTAAGTTTGAATTATCTCACGTGTATGTGTATATAAAAGAATGGTGGATTCTCA   100
GSBRNA2T00134741001 GTAATTTTTTTCATTTTTATATAATAACACGCGTGCACCATCAGATTAAGTTTGAATTATCTCACGTGTATGTGTATATAAAAGAATGGTGGATTCTCA   100
Consensus         gtaaattttttcattttatatataataacacgcgtgcaccatcagattaagtttgaattatctcacgtgtatgtgtatataaaagaatggtggattctca

Bo9g018330.1      AAACACAAAAACTATTTTTCCTTCAATTTTTTCAAAACTTCAAATGAATCGTGAGATTTTGAAACCATTTATGATATAATGTTTTAATAAATTTGTGATG   200
GSBRNA2T00134741001 AAACACAAAAACTATTTTTCCTTCAATTTTTTCAAAACTTCAAATGAATCGTGAGATTTTGAAACCATTTATGATAAAATGTTTTAATAAATTTGTGATG   200
Consensus         aaacacaaaaactattttccttcaatttttcaaaacttcaaatgaatcgtgagattttgaaaccatttatgataaaatgttttaataaatttgtgatg

Bo9g018330.1      TGGTAAACTATATACTCCCTCAGTTCTTTAATGATAGATTTTTTAGAAAAAAAATTTGTTTCACAAAAATGTATTTTTTTTGTGTTTTCTATAAAAAAAT   300
GSBRNA2T00134741001 TGGTAAACTATATACTCCCTCAGTTCTTTAATGATAGTCTTTTTAGAAAAAAAATTTGTTTCACAAAA...TGTATTTTTTGTATTTTCTATAAAAAAAT   297
Consensus         tggtaaactatatactccctcagttctttaatgatagactttttagaaaaaaaatttgtttcacaaaaatgtatatttttttgtattttctataaaaaaat

Bo9g018330.1      TGTAAACTTCAAGAAAATCAATTAACTTTATTGAATTACTATTGGTTAAAAGTTATTGAAAATTGAAAATTACAGAAAACGATACATTTATTATGGTAGT   400
GSBRNA2T00134741001 TGTAAACTTCAAGAAAATTAATTGACTTTCTTGAATTACTATTGGTTAAAAGTTATTGAAAATTGAAAATTACAGAAAACGATACATTTATTATGGTAGT   397
Consensus         tgtaaacttcaagaaaatcaattaactttattgaattactattggttaaaagttattgaaaattgaaaattacagaaaacgatacatttattatggtagt

Bo9g018330.1      TTAATGTGTTTTCTTAATATGTGTGAAAATAGTAAAAAGTCTATTTTTGTGAAACAGAGGGAGGTAGTATATACCAAGTGTATGAGTCACATCATATAAA   500
GSBRNA2T00134741001 TTAATGTGTTTTTTTAATACGTGTGAAAATAGTAAAAAATCTATTTTTGTGAAACAGAGGGAGAGAGTATATACCTAGTGTATGAGTCACATCATATCAA   497
Consensus         ttaatgtgttttcttaatacgtgtgaaaatagtaaaaaatctatttttgtgaaacagagggagagagtatataccaagtgtatgagtcacatcatataaa

Bo9g018330.1      ACACAACATCTAAATATTTGTTCTTTTGTTGTGTCTTTATTTGTTTAATTTTAATGAAAAGTTGCTCTTTTGTTGCACTCATGCAATATACAAAACAACA   600
GSBRNA2T00134741001 ACACAACATCTAAATATTTGCTCTTTTGTTGTGTTTTTATTTGTTTAATTTTAATGAAAAGTTGCTCTTTTGTTGCACTCATGCAATATAAAAAACAACA   597
Consensus         acacaacatctaaatatttgctcttttgttgtgtctttatttgtttaattttaatgaaaagttgctcttttgttgcactcatgcaatataaaaaacaaca

Bo9g018330.1      TAAAGAATAATCACAATGTTTTTTTTT.GGTTTCCTCTAGAAATTCCATGAGTTCTTTCATAAATGAGTTTTTTTTTTCACAAGACTATCGAAGAACCAA   699
GSBRNA2T00134741001 TAAAGAATAATCACAATGTTTTTTTTTTGGTTTCCTCTAGAAATTCCATGAGTTCTTTCATAAATGAGTTTTTTTTTTCACAAGACTATCGAAGAACCAA   697
Consensus         taaagaataatcacaatgtttttttttggtttcctctagaaattccatgagttctttcataaatgagtttttttttcacaagactatcgaagaaccaa

Bo9g018330.1      TGCATATAACCAGTTTCCAAGTGATTTTTTTTTGTTTTGAAAAAA.TGGTTTAATATTTCATAAATAGTTTACGAAAGTGTACTTGATTACCAGAAGACA   798
GSBRNA2T00134741001 TGCATATAACCAGTTTCCAAGTGATTTTTTTTTGTTTTGAAAAAAATGGTTTAATATTTCTTAAATAGTTTACGAAAGTGTACTTGATTACCAGAAGACA   797
Consensus         tgcatataaccagtttccaagtgatttttttttgttttgaaaaaaatggtttaatatttcataaatagtttacgaaagtgtacttgattaccagaagaca

Bo9g018330.1      TATACTTTGGGATTACAATAAGGTCGGACAATTAACTATAGTGATGATGATATGCCAAAAGAATCTATCTCCCTCCATTTGCATAAAGAGTCCTTTTCCA   898
GSBRNA2T00134741001 TATACTTTGGGATTACAATAAGGTCGGACAATTAACTATAGTGATGATGATATGCCAAAAGAATCTATCTCCCTCCATTTGCATAAAGAGTCCTTTTCCA   897
Consensus         tatactttgggattacaataaggtcggacaattaactatagtgatgatgatatgccaaaagaatctatctccctccatttgcataaagagtccttttcca

Bo9g018330.1      CTTGCCTTTTGTTTACTACTTGTTCATTGCCCTTTGTCACCCATTTGGCCTAATCACTTTGTCGTAATCACTGAACACTCTTTTTGATTTTGTTTTGTTT   998
GSBRNA2T00134741001 CTTGCCTTTTGTTTACTACTTGTTCATTGCCCTTTGTCACCCATTTGGCCTAATCACTTTGTCGTAATCACTGAACACTCTTTTTGATTTTGTTTTGTTT   997
Consensus         cttgcctttgtttactacttgttcattgccctttgtcacccatttggcctaatcactttgtcgtaatcactgaacactctttttgatttgttttgttt

Bo9g018330.1      TTAAGGATTTTCTCTTTTTTTTTTTTTGTCAAACAAGGATTTTCTCTTTATAATATCATTATTTGAGTAGATTTAAAGAGAGTTATTAGTGAGCCAAAAC  1098
GSBRNA2T00134741001 TTAAGGATTTTCTCTTTTTTTTTT..TGTCAAACAAGGATTTTCTCTTTATAATATCATTATTTGAGTAGATTTAAAGAAAGTTATTAGTGAGCCAAAAC  1095
Consensus         ttaaggattttctctttttttttttttgtcaaacaaggattttctctttataatatcattatttgagtagatttaaagaaagttattagtgagccaaaac

Bo9g018330.1      AAAAGTTTGAATTTATATGTTTTGTGTTTGTTTGTTTCCA                                                              1138
GSBRNA2T00134741001 AAAAGTTTGAATTTATATGTTTTGTGTTTGTTTGTTTCAA                                                              1135
Consensus         aaaagtttgaatttatatgttttgtgtttgtttgtttcaa
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B

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Bol015899         ............ATGTGTGCCTTAAAAGTGGCAAATCAGGAAGATAACGTTGGTAAAAAAGCCGAGCCTACCACTCGTGAAGATGATGATCACCGGACGT    88
GSBRNA2T00134741001 GGAGAGAATTGTGTGTGTGCCTTAAAAGTGGCAAATCAGGAAGATAACGTTGGTAAAAAAGCCGAGCCTACCACTCGTGAAGATGATGATCACCGGACGT   100
Consensus         ggagagaattgtatgtgtgccttaaaagtggcaaatcaggaagataacgttggtaaaaaagccgagcctaccactcgtgaagatgatgatcaccggacgt

Bol015899         TATCTGACATCGATCAATGGCTTTACTCATTTTCGGCGGAAGATGACCACCTCCACCGTCATAACTCCCTCACGCCTCCTTCCTCGTCTCTTAGTATTAG   188
GSBRNA2T00134741001 TATCTGACATCGATCAATGGCTTTACTCATTTTCGGCGGAAGATGACCACCTCCACCGTCATAACTCCCTCACGCCTCCTTCCTCGTCTCTTAGTATTAG   200
Consensus         tatctgacatcgatcaatggctttactcattttcggcggaagatgaccacctccaccgtcataactccctcacgcctccttcctcgtctcttagtattag

Bol015899         CAGAGAGAAAGAGATGTCTGCAATCGTCTCTGCTTTGACACATGTCGTCGCTGGAAATGTTCCTACTCGTCAATACGGTGGAGAAGGGACGTCGAATTCT   288
GSBRNA2T00134741001 CAGAGAGAAAGAGATGTCTGCAATCGTCTCTGCTTTGACACATGTCGTCGCTGGAAATGTTCCTACTCGTCAATACGGTGGAGAAGGGACGTCGAATTCT   300
Consensus         cagagagaaagagatgtctgcaatcgtctctgctttgacacatgtcgtcgctggaaatgttcctactcgtcaatacggtggagaagggacgtcgaattct

Bol015899         TCTTCTTCCCCCGGCCAGAAAAGGAGGAGAGAGGTGGAGGAAGGTGGCGGCGGTGGCAAAGACGTTAAGGCAGCTAATACTTTGACCGTTGATCAATATT   388
GSBRNA2T00134741001 TCTTCTTCCCCCGGCCAGAAAAGGAGGAGAGAGGTGGAGGAAGGTGGCGGTGGTGGCAAAGACGTTAAGGCAGCTAATACTTTGACCGTTGATCAATATT   400
Consensus         tcttcttccccggccagaaaaggaggagagagaggtggaggaaggtggcggcggtggcaaagacgttaaggcagctaatactttgaccgttgatcaatatt

Bol015899         TCTCAGGCGGTAGTTCTAGTTTCAAA                                                                            414
GSBRNA2T00134741001 TCTCAGGCGGTAGTTCTAGTTCCAAA                                                                            426
Consensus         tctcaggcggtagttctagttccaaa
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C

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GSBRNA2T00134741001 TGGGAGAAGCTTCGAGCAACATGTCAGGTTCAGTCCCAACATATGAATACACAACAACGCCAAATGTCAATACAGAAACGTTGTTGTTAAGTGGGGACGG   100
Bol015899         TGGGAGAAGCTTCGAGCGACATGTCAGGTTTAGTCCCAACATATGAATACACAACAACGCCAAATGTCAATACAGAAACGTTGTTGTTAAGTGGGGACGG   100
Consensus         tgggagaagcttcgagcaacatgtcaggttcagtcccaacatatgaatacacaacaacgccaaatgtcaatacagaaacgttgttgttaagtggggacgg

GSBRNA2T00134741001 ACCTCAAAGAAGATACAGAGGAGTGAGACAAAGACCGTGGGGAAAATGGGCGGCTGAGATTCGAGATCCTTTCAAAGCGGCTAGAGTTTGGCTCGGTACA   200
Bol015899         ACCTCAAAGAAGATACAGAGGAGTGAGACAAAGACCGTGGGGAAAATGGACGGCTGAGATTCGAGATCCTTTCAAAGCGGCTAGAGTTTGGCTCGGTACA   200
Consensus         acctcaaagaagatacagaggagtgagacaaagaccgtggggaaaatggacggctgagattcgagatcctttcaaagcggctagagtttggctcggtaca

GSBRNA2T00134741001 TTTGACAATGCTGAATCAGCTGCAAGAGCTTATGACGAAGCTGCTCTTCGGTTTAGAGGCAACAAAGCCAAACTAAACTTCCCTGAAAACGTTAAACTAG   300
Bol015899         TTTGACAATGCTGAATCAGCTGCAAGAGCTTATGACGAAGCTGCTCTTCGGTTTAGAGGCAACAAAGCCAAACTAAACTTCCCTGAAAACGTTAAACTAG   300
Consensus         tttgacaatgctgaatcagctgcaagagcttatgacgaagctgctcttcggtttagaggcaacaaagccaaactaaacttccctgaaaacgttaaactag

GSBRNA2T00134741001 TTCGACCAGCTTCAATCGCCCCAACACTATCTGTACATCAAACAACTGTTCAGAGACCAACGCAGTTAAGAAACTCGGGTTCTACAAGTACCCTTTTGCC   400
Bol015899         TTCGACCAGCTTCAACCGCCCCAACACTATCTGTACAGCAAACAACTGTTCAGAGACCAACACAGTTAAGAAACTCGGGTTCTACAAGTACCCTTTTGCC   400
Consensus         ttcgaccagcttcaaccgccccaacactatctgtacagcaaacaactgttcagagaccaacacagttaagaaactcgggttctacaagtacccttttgcc

GSBRNA2T00134741001 CGTAAGACATGCTTCGGATCAAAACGTTCATTCTCAGCTGTTGATGCAATCTTACAACTTCAGTCACTTGGAGTTGGCTCATCACCAACAACAATTTCAG   500
Bol015899         CGTAAGACATGCTTCGGATCAAAACGTTCATTCTCAGCTGTTGATGCAATCTTACAACTTCAGTCACTTGGAGTTGGCTCATCACCAACAACAATTTCAG   500
Consensus         cgtaagacatgcttcggatcaaaacgttcattctcagctgttgatgcaatcttacaacttcagtcacttggagttggctcatcaccaacaacaatttcag

GSBRNA2T00134741001 CATCAACAACAATCTTTATATGATCAAGTGTCATTTCCATTGCGTTTTGGTCACACCGGAGGCTCAACGATGCAACCTACATCAACTTCTTCGTCTCGTT   600
Bol015899         CATCAACAGCAATCTTTATATGATCAAGTGTCATTTCCATTGCGTTTTGGTCACACCGGAGGCTCAACGATGCAACCTACATCAACTTCTTCGTCTCGTT   600
Consensus         catcaacaacaatctttatatgatcaagtgtcatttccattgcgttttggtcacaccggaggctcaacgatgcaacctacatcaacttcttcgtctcgtt

GSBRNA2T00134741001 CTACTTCTATGTTTTCTCCGGCAGAAGTTCAACCAAAGCTAGAATCAGCTAGCGAAACCGATCGTCTACAGGATCTACAGTCATTAGGCAAGGCTAGTAA   700
Bol015899         CTACTTCTATGTTTTCTCCGGCAGCAGTTCAACCAAAGCTAGAATCAGCTAGCGAAACCGATCGTCTACAGGATCTACAATCATTAGGCAAGGCTAGTAA   700
Consensus         ctacttctatgttttctccggcagaagttcaaccaaagctagaatcagctagcgaaaccgatcgtctacaggatctacaatcattaggcaaggctagtaa

GSBRNA2T00134741001 TAATAATAACAACTATAATAATAGCCCATCCTCTTA                                                                736
Bol015899         TAATAATAACAACTATAATAATAGCCCATCCTCTTA                                                                    736
Consensus         taataataacaactataataatagcccatcctctta
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