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BniB045887-PA   GTTGGTAATAATAATAACAACTATAAGAATAGTCCATCCTCATGATCGAACGGCTTTACTTCTTGTTTTTTTTTTCCTTTAGTATAGTGTTATGTTATAG   100
BjuB007684      GTTGGTAATAATAATAACAACTATAAGAATAGTCCATCCTCATGATCGAACGGCTTTACTTCTTGTTTTTTTTTTCCTTTAGTATAGTGTTATGTTATAG   100
Consensus       gttggtaataataataacaactataagaatagtccatcctcatgatcgaacggctttacttcttgtttttttttccttttagtatagtgttatgttatag

BniB045887-PA   AAAAGAGAAAAAAAAAAAAGATTAGTTATAGCTTATTATAGTGTTTAGGTTTTTGTATTATTTTTTTTTCTTTTCAGTTTTATCATAATTTTGTATAAT   200
BjuB007684      ACAAGAGAAAAAA....AAAGATTAGTTATAGCTTATTATAGTGTTTAGGTTTTTGTATTATTTTTTTTTCTTTTCAGTTTTATCATAATTTTGTATAAT   196
Consensus       aaaagagaaaaaaaaaaaagattagttatagcttattatagtgtttaggtttttgtattatttttttttctttcagttttatcataatttgtataat

BniB045887-PA   AATTCGTTGTAAAAAA.TCATAAGGCAATAGTGGAAAAAATTAAGAGTTGTGTTTATGCTTTAAAAGGTTCCCTAATATCACACACAAAAGGGAAAGAAA   299
BjuB007684      AATTCGTTGTAAAAAAATCATAAGGAAATAGTGGAAAAAATTAAGAGTTGTGTTTATGCTTTAAAAGGTTCCCTAATATCACACACAAAAGGGAAAGAAA   296
Consensus       aattcgttgtaaaaaaatcataaggaaatagtggaaaaaattaagagttgtgtttatgctttaaaaggttccctaatatcacacacaaaagggaaagaaa

BniB045887-PA   AATTCGAAGGTATCATGTATGCGAACTGTGAAGTTGTGAACCAAACAAAGACAACAAAACTATACGAAAGAATTTTAGGACAGTGACAACAACTTGGCCC   399
BjuB007684      AATTCGAAGGTATCATGTATGCGAACTGTGAAGTTGTGAACCAAACAAAGACAACAAAACTATACGAAAGAATTTTAGGACAGTGACAACAACTTGGCCC   396
Consensus       aattcgaaggtatcatgtatgcgaactgtgaagttgtgaaccaaacaaagacaacaaaactatacgaaagaattttaggacagtgacaacaacttggccc

BniB045887-PA   ATTTAGGAAACACCTGGCCCATAAAGTTGATGTCTTTGGACTATATTGTTGCGGGAGATTTTGATTATGATTCTAAGAGCATCCACATTGGGGTTTATAG   499
BjuB007684      ATTTAGGAAACACCTGGCCCATAAAGTTGATGTCTTTGGACTATATTGTTGCGGGAGAATTTGATTATGATTGTAA.......................   472
Consensus       atttaggaaacacctggcccataaagttgatgtctttggactatattgttgcgggagaatttgattatgattctaagagcatccacattggggtttatag

BniB045887-PA   AGGAGGTTCACACAGAAATCAAGAAAAAAAAAAAAATCAATAAAATCATATGAACTTCTCTTTCCTAAAGTTCTTTCGGTTGAACCCCTCTCTCCTGAAGT   599
BjuB007684      ......................................................................................................   472
Consensus       aggaggttcacacagaaatcaagaaaaaaaaaaaatcaataaaatcatatgaacttctctttcctaaagttctttcggttgaacccctctctcctgaagt

BniB045887-PA   TCATCACTGTAGCGTGGCCCCCACGTATCGTGGCGGCCCACGATTGGTCTAAGTTTTTTTTTTTTTAAAAAAACAAATTAAAAAGAAAAAGAAAAAAGTT   699
BjuB007684      ......................................................................................................   472
Consensus       tcatcactgtagcgtggcccccacgtatcgtggcggcccacgattggtctaagtttttttttttaaaaaaacaaattaaaaagaaaaagaaaaaagtt

BniB045887-PA   TAATAATAAAAAATTAAAAAGATGAATCCCAAGAGGAAGTTCATTGACGTGGGTGCTCTAACTATCGTGGAAAAATTCAAGTAGGATTATGAATATTGAT   799
BjuB007684      ..........................................................CTATCGTGGAAGAATTCAAGTAGGATTATGAATATTGAT   511
Consensus       taataataaaaaattaaaaagatgaatcccaagaggaagttcattgacgtgggtgctctaactatcgtggaaaaattcaagtaggattatgaatattgat

BniB045887-PA   TGATAAAAGTTATTTTTAGTCAGGAAGGCCCTTTCTCAAAAAA.GTTATTTTTAGTCTAATCTGTGGATTATTCAAGAATAATTTCAGATCCCCCATCCC   898
BjuB007684      TGATAAAAGTTATTTTTAGTCAGGAAGGCCCTTTCTCAAAAAAAGTTATTTTTAGTCTAATCTGTGGATTATTCAAGAATAATTTCAGATCCCCCATCCC   611
Consensus       tgataaaagttatttttagtcaggaaggccctttctcaaaaaaagttatttttagtctaatctgtggattattcaagaataatttcagatcccccatccc

BniB045887-PA   AAATATTTTTCTGGTTATCGTCCAATTATTTTTTAGAGAATTTGCTAACTTGTCTTATATGTACCGTAATATTATGACATGCAATATTCATATATATACA   998
BjuB007684      AAATATTTTTCTGGTTATCGTCCAATTATTTTTTAGAGAATTTGCTAACTTGTCTTATATGTACCGTAATATTATGACATGCAATATTCATATATATACA   711
Consensus       aaatatttttctggttatcgtccaattatttttagagaatttgctaacttgtcttatatgtaccgtaatattatgacatgcaatattcatatatataca

BniB045887-PA   CTTCATTTTTTGTCTTGCGAAAATACTATGAAAGATA.GATTTTCTTTTGGCATCATGAAAGATAAGATTACTGTACTGTTAAATTCCGTATATAAAATA   1097
BjuB007684      CTTCATTTTTTGTCTTGCGAAAATACTATGAAAGATAAGATTTTCTTTTGGCATCATGAAAGATAAGATTACTGTACTGTTAAATTCCGTATATAAAATA   811
Consensus       cttcatttttgtcttgcgaaaatactatgaaagataagattttcttttggcatcatgaaagataagattactgtactgttaaattccgtatataaaata

BniB045887-PA   AATTTTGTGATTTTTAAAACATTTACATGAACGGATGAGTATTCTCTAAATCTCTAATATTATTTTCTTACACTAATTCTCAGGAGAATGCGTAATATAA   1197
BjuB007684      AATTTTGTGATTTTTAAAACATTTACATGAACGGATGAGTATTCTCTAAATCTCTAATATTATTTTCTTACGCTAATTCTCAGGAGAATGCGTAATATAA   911
Consensus       aattttgtgatttttaaaacatttacatgaacggatgagtattctctaaatctctaatattattttcttacactaattctcaggagaatgcgtaatataa

BniB045887-PA   TGACAACAAAAGAAAACATAGAAAGAGATGAGAGAATCTCTTTTCGTCTCTTTTCTCTCTTGTGACTTCTCATTTCTATGTATCAACATTTTGTTTTCCG   1297
BjuB007684      TGACAACAAAAGAAAACATAGAAAGAGATGAGAGAATCTCTTTCCGTCTCTTTTCTCTCTTGTGACTTCTCATTTCTATGTATCAACATTTTGTTTTCCG   1011
Consensus       tgacaacaaaagaaaacatagaaagagatgagagaatctctttccgtctcttttctctcttgtgacttctcatttctatgtatcaacattttgttttccg

BniB045887-PA   TGAGTGAATTAGTTAGATAAGCTTTAATTACACTTTTCGGTGATGTATAAACCTTATTTATCATCAAAAGTTTTTTAATTTTTTTT.CCTTGACCCATGT   1396
BjuB007684      TGAGTGAATTAGTTAGATAAGCTTTAATTACACTTTTCGGTGATGTATAAACCTTATTTATCATCAAAAGTTTTTTATTTTTTTTTCCTTGACCCATGT   1111
Consensus       tgagtgaattagttagataagctttaattacacttttcggtgatgtataaaccttatttatcatcaaaagtttttttaattttttttccttgacccatgt

BniB045887-PA   AGATGCAATAGGTTTTGTTTGGTTCTAATTAGGAATCAAGCATAGATTTGTGACTTTTCAAATCTTGGTTTTTTGATGAAATGTTTTAATGCAAGTATTA   1496
BjuB007684      AGATGCAATAGGTTTTGTTTGGTTCTAATTAGGAATCAAGCATAGATTTGTGACTTTTCAAATCTTGGTTTTTTAATGAAATGTTTTAATGCAAGTATTA   1211
Consensus       agatgcaataggttttgtttggttctaattaggaatcaagcatagatttgtgacttttcaaatcttggtttttttaatgaaatgttttaatgcaagtatta

BniB045887-PA   TAACTGACAATATATGAAGTATTTTTACAAGAAATGAAGTTTCATGCTACAAAAGAAAGACTAATTCTATTCATCGTTTGATTGTCATAAACAATATTTG   1596
BjuB007684      TAACTGACAATATATGAAGTATTTTTACAAGAAATGAAGTTTCATGCTACAAAAGAAAGACTAATTCTATTCATCGTTTGATTGTCATAAACAATATTTG   1311
Consensus       taactgacaatatatgaagtattttacaagaaatgaagtttcatgctacaaaagaaagactaattctattcatcgtttgattgtcataaacaatatttg

BniB045887-PA   TGCACAAAAATAGATATATACAAGGCGTCATCGGTCTCCATTTCTTATATGTGGAGTTCTTCCGCATTTCTTATATGTAAATTTTAAGGCACGATTAGCA   1696
BjuB007684      TGCACAAAAATAGATATATACAAGGCGTCATCGGTCTCCATTTCTTATATGTGGAGTTCTTCCGCATTTCTTATATGTAAATTTTAAGGCACGATTAGCA   1411
Consensus       tgcacaaaaatagatatatacaaggcgtcatcggtctccatttcttatatgtggagttcttccgcatttcttatatgtaaattttaaggcacgattagca

BniB045887-PA   GCAGTTGATTTCCATCTGGTTCTAACTACAGCCATAGCGCTGTTGGCGTTGGTGAAACTCTGTCTGAGCTGCTCTCTGCAAGCG.TCGCCGTCCTCAACC   1795
BjuB007684      GCAGTTGATTTCCATCTGGTTCTAACTACAGCCATAGCGCTGTTGGCGTTGGTGAAACTCTGTCTGAGCTGCTCTCTGCAAGCGGTCGCCGTCCTCAACC   1511
Consensus       gcagttgatttccatctggttctaactacagccatagcgctgttggcgttggtgaaactctgtctgagctgctctctgcaagcggtcgccgtcctcaacc

BniB045887-PA   GGGACCGATCTCTCAAAGCAGTCGCCGTCCTGAGCCGGGACCGATCCCGCAATATCTTGGTACTCCAAGCGGTCCAACACCACTA   1880
BjuB007684      GGGACCGATCTCTTAAAGCAGTCGCCGTCCTGAGCCGGGACCGATCCCGCAATATCTTGGTACTCCAAGCGGTCCAACACCACTA   1596
Consensus       gggaccgatctctcaaagcagtcgccgtcctgagccgggaccgatcccgcaatatcttggtactccaagcggtccaacaccacta
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