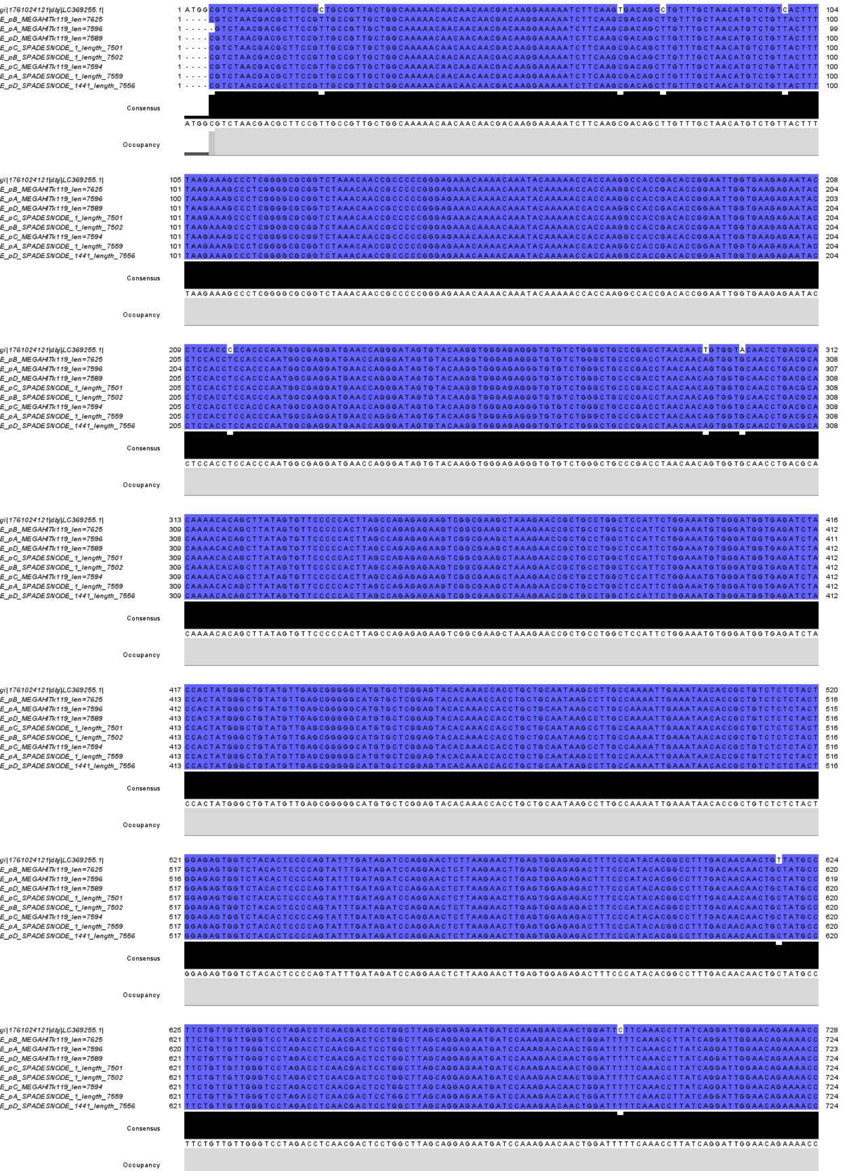

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E_pB_MEGAHITk119_len=7625            1 ----CGTCTAACGACGCTTCCGTTGCCGTTGCTGGCAAAAACAACAACAACGACAAGGAAAAATCTTCAAGCGACAGCTTGTTTGCTAACATGTCTGTTACTTT 100
E_pA_MEGAHITk119_len=7596            1 -----GTCTAACGACGCTTCCGTTGCCGTTGCTGGCAAAAACAACAACAACGACAAGGAAAAATCTTCAAGCGACAGCTTGTTTGCTAACATGTCTGTTACTTT 99
E_pD_MEGAHITk119_len=7589            1 ----CGTCTAACGACGCTTCCGTTGCCGTTGCTGGCAAAAACAACAACAACGACAAGGAAAAATCTTCAAGCGACAGCTTGTTTGCTAACATGTCTGTTACTTT 100
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E_pB_SPADESNODE_1_length_7502        1 ----CGTCTAACGACGCTTCCGTTGCCGTTGCTGGCAAAAACAACAACAACGACAAGGAAAAATCTTCAAGCGACAGCTTGTTTGCTAACATGTCTGTTACTTT 100
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E_pA_SPADESNODE_1_length_7559        1 ----CGTCTAACGACGCTTCCGTTGCCGTTGCTGGCAAAAACAACAACAACGACAAGGAAAAATCTTCAAGCGACAGCTTGTTTGCTAACATGTCTGTTACTTT 100
E_pD_SPADESNODE_1441_length_7556     1 ----CGTCTAACGACGCTTCCGTTGCCGTTGCTGGCAAAAACAACAACAACGACAAGGAAAAATCTTCAAGCGACAGCTTGTTTGCTAACATGTCTGTTACTTT 100

                           Consensus
                                       ATGGCGTCTAACGACGCTTCCGTTGCCGTTGCTGGCAAAAACAACAACAACGACAAGGAAAAATCTTCAAGCGACAGCTTGTTTGCTAACATGTCTGTTACTTT

                           Occupancy

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                           Consensus
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                           Occupancy

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E_pD_SPADESNODE_1441_length_7556   205 CTCCACCTCCACCCAATGGCGAGGATGAACCAGGGATAGTGTACAAGGTGGGAGAGGGTGTGTCTGGGCTGCCCGACCTAACAACAGTGGTGCAACCTGACGCA 308

                           Consensus
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                           Occupancy

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E_pA_MEGAHITk119_len=7596          308 CAAAACACAGCTTATAGTGTTCCCCCACTTAGCCAGAGAGAAGTCGGCGAAGCTAAAGAACCGCTGCCTGGCTCCATTCTGGAAATGTGGGATGGTGAGATCTA 411
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E_pD_SPADESNODE_1441_length_7556   309 CAAAACACAGCTTATAGTGTTCCCCCACTTAGCCAGAGAGAAGTCGGCGAAGCTAAAGAACCGCTGCCTGGCTCCATTCTGGAAATGTGGGATGGTGAGATCTA 412

                           Consensus
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                           Occupancy

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E_pD_SPADESNODE_1441_length_7556   413 CCACTATGGGCTGTATGTTGAGCGGGGGCATGTGCTCGGAGTACACAAACCACCTGCTGCAATAAGCCTTGCCAAAATTGAAATAACACCGCTGTCTCTCTACT 516

                           Consensus
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                           Occupancy

gi|1761024121|dbj|LC369255.1|      521 GGAGAGTGGTCTACACTCCCCAGTATTTGATAGATCCAGGAACTCTTAAGAACTTGAGTGGAGAGACTTTCCCATACACGGCCTTTGACAACAACTGTTATGCC 624
E_pB_MEGAHITk119_len=7625          517 GGAGAGTGGTCTACACTCCCCAGTATTTGATAGATCCAGGAACTCTTAAGAACTTGAGTGGAGAGACTTTCCCATACACGGCCTTTGACAACAACTGCTATGCC 620
E_pA_MEGAHITk119_len=7596          516 GGAGAGTGGTCTACACTCCCCAGTATTTGATAGATCCAGGAACTCTTAAGAACTTGAGTGGAGAGACTTTCCCATACACGGCCTTTGACAACAACTGCTATGCC 619
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E_pB_SPADESNODE_1_length_7502      517 GGAGAGTGGTCTACACTCCCCAGTATTTGATAGATCCAGGAACTCTTAAGAACTTGAGTGGAGAGACTTTCCCATACACGGCCTTTGACAACAACTGCTATGCC 620
E_pC_MEGAHITk119_len=7594          517 GGAGAGTGGTCTACACTCCCCAGTATTTGATAGATCCAGGAACTCTTAAGAACTTGAGTGGAGAGACTTTCCCATACACGGCCTTTGACAACAACTGCTATGCC 620
E_pA_SPADESNODE_1_length_7559      517 GGAGAGTGGTCTACACTCCCCAGTATTTGATAGATCCAGGAACTCTTAAGAACTTGAGTGGAGAGACTTTCCCATACACGGCCTTTGACAACAACTGCTATGCC 620
E_pD_SPADESNODE_1441_length_7556   517 GGAGAGTGGTCTACACTCCCCAGTATTTGATAGATCCAGGAACTCTTAAGAACTTGAGTGGAGAGACTTTCCCATACACGGCCTTTGACAACAACTGCTATGCC 620

                           Consensus
                                       GGAGAGTGGTCTACACTCCCCAGTATTTGATAGATCCAGGAACTCTTAAGAACTTGAGTGGAGAGACTTTCCCATACACGGCCTTTGACAACAACTGCTATGCC

                           Occupancy

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E_pA_MEGAHITk119_len=7596          620 TTCTGTTGTTGGGTCCTAGACCTCAACGACTCCTGGCTTAGCAGGAGAATGATCCAAAGAACAACTGGATTTTTCAAACCTTATCAGGATTGGAACAGAAAACC 723
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E_pD_SPADESNODE_1441_length_7556   621 TTCTGTTGTTGGGTCCTAGACCTCAACGACTCCTGGCTTAGCAGGAGAATGATCCAAAGAACAACTGGATTTTTCAAACCTTATCAGGATTGGAACAGAAAACC 724

                           Consensus
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                           Occupancy
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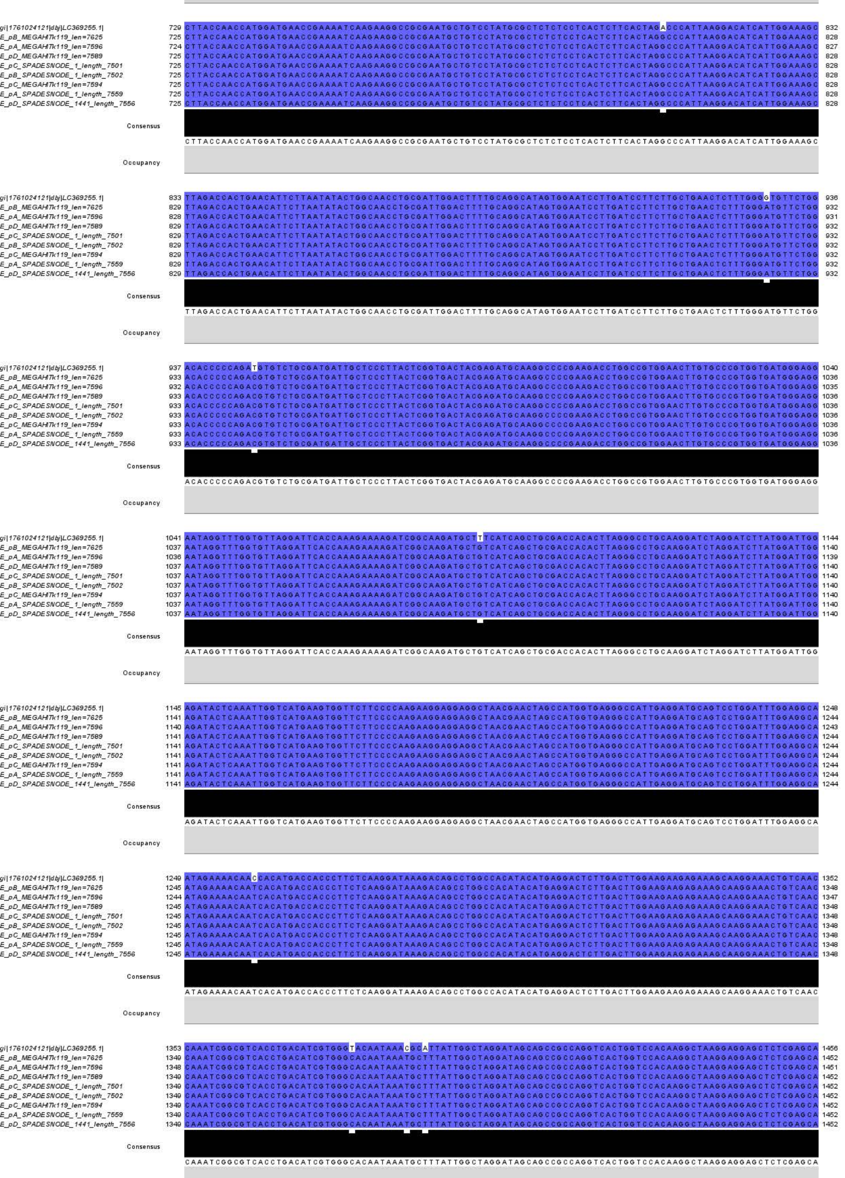

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E_pB_MEGAHITk119_len=7625               725 CTTACCAACCATGGATGAACCGAAAATCAAGAAGGCCGCGAATGCTGTCCTATGCGCTCTCTCCTCACTCTTCACTAGGCCCATTAAGGACATCATTGGAAAGC 828
E_pA_MEGAHITk119_len=7596               724 CTTACCAACCATGGATGAACCGAAAATCAAGAAGGCCGCGAATGCTGTCCTATGCGCTCTCTCCTCACTCTTCACTAGGCCCATTAAGGACATCATTGGAAAGC 827
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E_pB_SPADESNODE_1_length_7502           725 CTTACCAACCATGGATGAACCGAAAATCAAGAAGGCCGCGAATGCTGTCCTATGCGCTCTCTCCTCACTCTTCACTAGGCCCATTAAGGACATCATTGGAAAGC 828
E_pC_MEGAHITk119_len=7594               725 CTTACCAACCATGGATGAACCGAAAATCAAGAAGGCCGCGAATGCTGTCCTATGCGCTCTCTCCTCACTCTTCACTAGGCCCATTAAGGACATCATTGGAAAGC 828
E_pA_SPADESNODE_1_length_7559           725 CTTACCAACCATGGATGAACCGAAAATCAAGAAGGCCGCGAATGCTGTCCTATGCGCTCTCTCCTCACTCTTCACTAGGCCCATTAAGGACATCATTGGAAAGC 828
E_pD_SPADESNODE_1441_length_7556        725 CTTACCAACCATGGATGAACCGAAAATCAAGAAGGCCGCGAATGCTGTCCTATGCGCTCTCTCCTCACTCTTCACTAGGCCCATTAAGGACATCATTGGAAAGC 828

                               Consensus
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                               Occupancy

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E_pB_SPADESNODE_1_length_7502           829 TTAGACCACTGAACATTCTTAATATACTGGCAACCTGCGATTGGACTTTTGCAGGCATAGTGGAATCCTTGATCCTTCTTGCTGAACTCTTTGGGATGTTCTGG 932
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                               Consensus
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                               Occupancy

gi|1761024121|dbj|LC369255.1|           937 ACACCCCCAGATGTGTCTGCGATGATTGCTCCCTTACTCGGTGACTACGAGATGCAAGGCCCCGAAGACCTGGCCGTGGAACTTGTGCCCGTGGTGATGGGAGG 1040
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                               Consensus
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                               Occupancy

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                               Consensus
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                               Occupancy

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E_pC_MEGAHITk119_len=7594              1141 AGATACTCAAATTGGTCATGAAGTGGTTCTTCCCCAAGAAGGAGGAGGCTAACGAACTAGCCATGGTGAGGGCCATTGAGGATGCAGTCCTGGATTTGGAGGCA 1244
E_pA_SPADESNODE_1_length_7559          1141 AGATACTCAAATTGGTCATGAAGTGGTTCTTCCCCAAGAAGGAGGAGGCTAACGAACTAGCCATGGTGAGGGCCATTGAGGATGCAGTCCTGGATTTGGAGGCA 1244
E_pD_SPADESNODE_1441_length_7556       1141 AGATACTCAAATTGGTCATGAAGTGGTTCTTCCCCAAGAAGGAGGAGGCTAACGAACTAGCCATGGTGAGGGCCATTGAGGATGCAGTCCTGGATTTGGAGGCA 1244

                               Consensus
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                               Occupancy

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E_pA_MEGAHITk119_len=7596              1244 ATAGAAAACAATCACATGACCACCCTTCTCAAGGATAAAGACAGCCTGGCCACATACATGAGGACTCTTGACTTGGAAGAAGAGAAAGCAAGGAAACTGTCAAC 1347
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E_pC_MEGAHITk119_len=7594              1245 ATAGAAAACAATCACATGACCACCCTTCTCAAGGATAAAGACAGCCTGGCCACATACATGAGGACTCTTGACTTGGAAGAAGAGAAAGCAAGGAAACTGTCAAC 1348
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E_pD_SPADESNODE_1441_length_7556       1245 ATAGAAAACAATCACATGACCACCCTTCTCAAGGATAAAGACAGCCTGGCCACATACATGAGGACTCTTGACTTGGAAGAAGAGAAAGCAAGGAAACTGTCAAC 1348

                               Consensus
                                            ATAGAAAACAATCACATGACCACCCTTCTCAAGGATAAAGACAGCCTGGCCACATACATGAGGACTCTTGACTTGGAAGAAGAGAAAGCAAGGAAACTGTCAAC

                               Occupancy

gi|1761024121|dbj|LC369255.1|          1353 CAAATCGGCGTCACCTGACATCGTGGGTACAATAAACGCATTATTGGCTAGGATAGCAGCCGCCAGGTCACTGGTCCACAAGGCTAAGGAGGAGCTCTCGAGCA 1456
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E_pA_MEGAHITk119_len=7596              1348 CAAATCGGCGTCACCTGACATCGTGGGCACAATAAATGCTTTATTGGCTAGGATAGCAGCCGCCAGGTCACTGGTCCACAAGGCTAAGGAGGAGCTCTCGAGCA 1451
E_pD_MEGAHITk119_len=7589              1349 CAAATCGGCGTCACCTGACATCGTGGGCACAATAAATGCTTTATTGGCTAGGATAGCAGCCGCCAGGTCACTGGTCCACAAGGCTAAGGAGGAGCTCTCGAGCA 1452
E_pC_SPADESNODE_1_length_7501          1349 CAAATCGGCGTCACCTGACATCGTGGGCACAATAAATGCTTTATTGGCTAGGATAGCAGCCGCCAGGTCACTGGTCCACAAGGCTAAGGAGGAGCTCTCGAGCA 1452
E_pB_SPADESNODE_1_length_7502          1349 CAAATCGGCGTCACCTGACATCGTGGGCACAATAAATGCTTTATTGGCTAGGATAGCAGCCGCCAGGTCACTGGTCCACAAGGCTAAGGAGGAGCTCTCGAGCA 1452
E_pC_MEGAHITk119_len=7594              1349 CAAATCGGCGTCACCTGACATCGTGGGCACAATAAATGCTTTATTGGCTAGGATAGCAGCCGCCAGGTCACTGGTCCACAAGGCTAAGGAGGAGCTCTCGAGCA 1452
E_pA_SPADESNODE_1_length_7559          1349 CAAATCGGCGTCACCTGACATCGTGGGCACAATAAATGCTTTATTGGCTAGGATAGCAGCCGCCAGGTCACTGGTCCACAAGGCTAAGGAGGAGCTCTCGAGCA 1452
E_pD_SPADESNODE_1441_length_7556       1349 CAAATCGGCGTCACCTGACATCGTGGGCACAATAAATGCTTTATTGGCTAGGATAGCAGCCGCCAGGTCACTGGTCCACAAGGCTAAGGAGGAGCTCTCGAGCA 1452

                               Consensus
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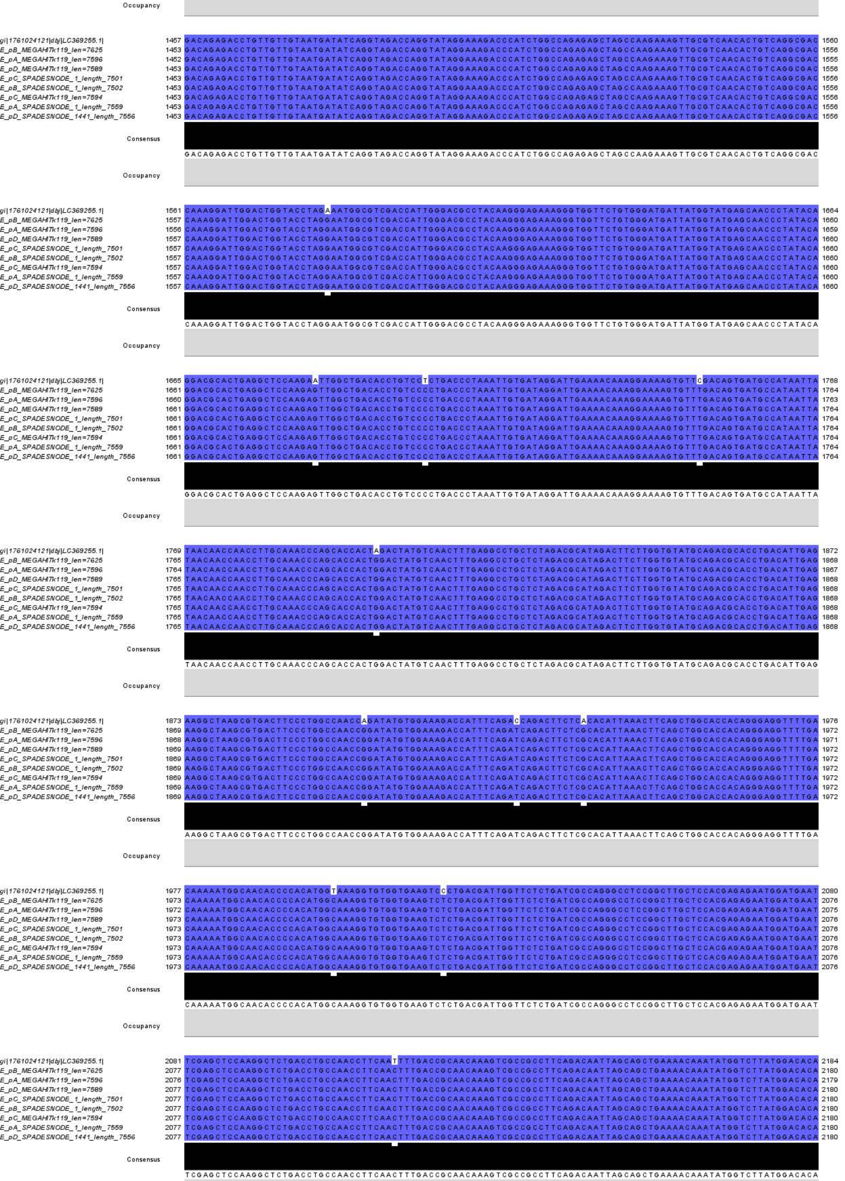

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                                      Occupancy

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E_pB_MEGAHITk119_len=7625             1453 GACAGAGACCTGTTGTTGTAATGATATCAGGTAGACCAGGTATAGGAAAGACCCATCTGGCCAGAGAGCTAGCCAAGAAAGTTGCGTCAACACTGTCAGGCGAC 1556
E_pA_MEGAHITk119_len=7596             1452 GACAGAGACCTGTTGTTGTAATGATATCAGGTAGACCAGGTATAGGAAAGACCCATCTGGCCAGAGAGCTAGCCAAGAAAGTTGCGTCAACACTGTCAGGCGAC 1555
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E_pC_SPADESNODE_1_length_7501         1453 GACAGAGACCTGTTGTTGTAATGATATCAGGTAGACCAGGTATAGGAAAGACCCATCTGGCCAGAGAGCTAGCCAAGAAAGTTGCGTCAACACTGTCAGGCGAC 1556
E_pB_SPADESNODE_1_length_7502         1453 GACAGAGACCTGTTGTTGTAATGATATCAGGTAGACCAGGTATAGGAAAGACCCATCTGGCCAGAGAGCTAGCCAAGAAAGTTGCGTCAACACTGTCAGGCGAC 1556
E_pC_MEGAHITk119_len=7594             1453 GACAGAGACCTGTTGTTGTAATGATATCAGGTAGACCAGGTATAGGAAAGACCCATCTGGCCAGAGAGCTAGCCAAGAAAGTTGCGTCAACACTGTCAGGCGAC 1556
E_pA_SPADESNODE_1_length_7559         1453 GACAGAGACCTGTTGTTGTAATGATATCAGGTAGACCAGGTATAGGAAAGACCCATCTGGCCAGAGAGCTAGCCAAGAAAGTTGCGTCAACACTGTCAGGCGAC 1556
E_pD_SPADESNODE_1441_length_7556      1453 GACAGAGACCTGTTGTTGTAATGATATCAGGTAGACCAGGTATAGGAAAGACCCATCTGGCCAGAGAGCTAGCCAAGAAAGTTGCGTCAACACTGTCAGGCGAC 1556

                                      Consensus
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                                      Occupancy

gi|1761024121|dbj|LC369255.1|         1561 CAAAGGATTGGACTGGTACCTAGAAATGGCGTCGACCATTGGGACGCCTACAAGGGAGAAAGGGTGGTTCTGTGGGATGATTATGGTATGAGCAACCCTATACA 1664
E_pB_MEGAHITk119_len=7625             1557 CAAAGGATTGGACTGGTACCTAGGAATGGCGTCGACCATTGGGACGCCTACAAGGGAGAAAGGGTGGTTCTGTGGGATGATTATGGTATGAGCAACCCTATACA 1660
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E_pC_SPADESNODE_1_length_7501         1557 CAAAGGATTGGACTGGTACCTAGGAATGGCGTCGACCATTGGGACGCCTACAAGGGAGAAAGGGTGGTTCTGTGGGATGATTATGGTATGAGCAACCCTATACA 1660
E_pB_SPADESNODE_1_length_7502         1557 CAAAGGATTGGACTGGTACCTAGGAATGGCGTCGACCATTGGGACGCCTACAAGGGAGAAAGGGTGGTTCTGTGGGATGATTATGGTATGAGCAACCCTATACA 1660
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E_pD_SPADESNODE_1441_length_7556      1557 CAAAGGATTGGACTGGTACCTAGGAATGGCGTCGACCATTGGGACGCCTACAAGGGAGAAAGGGTGGTTCTGTGGGATGATTATGGTATGAGCAACCCTATACA 1660

                                      Consensus
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                                      Occupancy

gi|1761024121|dbj|LC369255.1|         1665 GGACGCACTGAGGCTCCAAGAATTGGCTGACACCTGTCCTCTGACCCTAAATTGTGATAGGATTGAAAACAAAGGAAAAGTGTTCGACAGTGATGCCATAATTA 1768
E_pB_MEGAHITk119_len=7625             1661 GGACGCACTGAGGCTCCAAGAGTTGGCTGACACCTGTCCCCTGACCCTAAATTGTGATAGGATTGAAAACAAAGGAAAAGTGTTTGACAGTGATGCCATAATTA 1764
E_pA_MEGAHITk119_len=7596             1660 GGACGCACTGAGGCTCCAAGAGTTGGCTGACACCTGTCCCCTGACCCTAAATTGTGATAGGATTGAAAACAAAGGAAAAGTGTTTGACAGTGATGCCATAATTA 1763
E_pD_MEGAHITk119_len=7589             1661 GGACGCACTGAGGCTCCAAGAGTTGGCTGACACCTGTCCCCTGACCCTAAATTGTGATAGGATTGAAAACAAAGGAAAAGTGTTTGACAGTGATGCCATAATTA 1764
E_pC_SPADESNODE_1_length_7501         1661 GGACGCACTGAGGCTCCAAGAGTTGGCTGACACCTGTCCCCTGACCCTAAATTGTGATAGGATTGAAAACAAAGGAAAAGTGTTTGACAGTGATGCCATAATTA 1764
E_pB_SPADESNODE_1_length_7502         1661 GGACGCACTGAGGCTCCAAGAGTTGGCTGACACCTGTCCCCTGACCCTAAATTGTGATAGGATTGAAAACAAAGGAAAAGTGTTTGACAGTGATGCCATAATTA 1764
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E_pD_SPADESNODE_1441_length_7556      1661 GGACGCACTGAGGCTCCAAGAGTTGGCTGACACCTGTCCCCTGACCCTAAATTGTGATAGGATTGAAAACAAAGGAAAAGTGTTTGACAGTGATGCCATAATTA 1764

                                      Consensus
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                                      Occupancy

gi|1761024121|dbj|LC369255.1|         1769 TAACAACCAACCTTGCAAACCCAGCACCACTAGACTATGTCAACTTTGAGGCCTGCTCTAGACGCATAGACTTCTTGGTGTATGCAGACGCACCTGACATTGAG 1872
E_pB_MEGAHITk119_len=7625             1765 TAACAACCAACCTTGCAAACCCAGCACCACTGGACTATGTCAACTTTGAGGCCTGCTCTAGACGCATAGACTTCTTGGTGTATGCAGACGCACCTGACATTGAG 1868
E_pA_MEGAHITk119_len=7596             1764 TAACAACCAACCTTGCAAACCCAGCACCACTGGACTATGTCAACTTTGAGGCCTGCTCTAGACGCATAGACTTCTTGGTGTATGCAGACGCACCTGACATTGAG 1867
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E_pA_SPADESNODE_1_length_7559         1765 TAACAACCAACCTTGCAAACCCAGCACCACTGGACTATGTCAACTTTGAGGCCTGCTCTAGACGCATAGACTTCTTGGTGTATGCAGACGCACCTGACATTGAG 1868
E_pD_SPADESNODE_1441_length_7556      1765 TAACAACCAACCTTGCAAACCCAGCACCACTGGACTATGTCAACTTTGAGGCCTGCTCTAGACGCATAGACTTCTTGGTGTATGCAGACGCACCTGACATTGAG 1868

                                      Consensus
                                           TAACAACCAACCTTGCAAACCCAGCACCACTGGACTATGTCAACTTTGAGGCCTGCTCTAGACGCATAGACTTCTTGGTGTATGCAGACGCACCTGACATTGAG

                                      Occupancy

gi|1761024121|dbj|LC369255.1|         1873 AAGGCTAAGCGTGACTTCCCTGGCCAACCAGATATGTGGAAAGACCATTTCAGACCAGACTTCTCACACATTAAACTTCAGCTGGCACCACAGGGAGGTTTTGA 1976
E_pB_MEGAHITk119_len=7625             1869 AAGGCTAAGCGTGACTTCCCTGGCCAACCGGATATGTGGAAAGACCATTTCAGATCAGACTTCTCGCACATTAAACTTCAGCTGGCACCACAGGGAGGTTTTGA 1972
E_pA_MEGAHITk119_len=7596             1868 AAGGCTAAGCGTGACTTCCCTGGCCAACCGGATATGTGGAAAGACCATTTCAGATCAGACTTCTCGCACATTAAACTTCAGCTGGCACCACAGGGAGGTTTTGA 1971
E_pD_MEGAHITk119_len=7589             1869 AAGGCTAAGCGTGACTTCCCTGGCCAACCGGATATGTGGAAAGACCATTTCAGATCAGACTTCTCGCACATTAAACTTCAGCTGGCACCACAGGGAGGTTTTGA 1972
E_pC_SPADESNODE_1_length_7501         1869 AAGGCTAAGCGTGACTTCCCTGGCCAACCGGATATGTGGAAAGACCATTTCAGATCAGACTTCTCGCACATTAAACTTCAGCTGGCACCACAGGGAGGTTTTGA 1972
E_pB_SPADESNODE_1_length_7502         1869 AAGGCTAAGCGTGACTTCCCTGGCCAACCGGATATGTGGAAAGACCATTTCAGATCAGACTTCTCGCACATTAAACTTCAGCTGGCACCACAGGGAGGTTTTGA 1972
E_pC_MEGAHITk119_len=7594             1869 AAGGCTAAGCGTGACTTCCCTGGCCAACCGGATATGTGGAAAGACCATTTCAGATCAGACTTCTCGCACATTAAACTTCAGCTGGCACCACAGGGAGGTTTTGA 1972
E_pA_SPADESNODE_1_length_7559         1869 AAGGCTAAGCGTGACTTCCCTGGCCAACCGGATATGTGGAAAGACCATTTCAGATCAGACTTCTCGCACATTAAACTTCAGCTGGCACCACAGGGAGGTTTTGA 1972
E_pD_SPADESNODE_1441_length_7556      1869 AAGGCTAAGCGTGACTTCCCTGGCCAACCGGATATGTGGAAAGACCATTTCAGATCAGACTTCTCGCACATTAAACTTCAGCTGGCACCACAGGGAGGTTTTGA 1972

                                      Consensus
                                           AAGGCTAAGCGTGACTTCCCTGGCCAACCGGATATGTGGAAAGACCATTTCAGATCAGACTTCTCGCACATTAAACTTCAGCTGGCACCACAGGGAGGTTTTGA

                                      Occupancy

gi|1761024121|dbj|LC369255.1|         1977 CAAAAATGGCAACACCCCACATGGTAAAGGTGTGGTGAAGTCCCTGACGATTGGTTCTCTGATCGCCAGGGCCTCCGGCTTGCTCCACGAGAGAATGGATGAAT 2080
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E_pD_MEGAHITk119_len=7589             1973 CAAAAATGGCAACACCCCACATGGCAAAGGTGTGGTGAAGTCTCTGACGATTGGTTCTCTGATCGCCAGGGCCTCCGGCTTGCTCCACGAGAGAATGGATGAAT 2076
E_pC_SPADESNODE_1_length_7501         1973 CAAAAATGGCAACACCCCACATGGCAAAGGTGTGGTGAAGTCTCTGACGATTGGTTCTCTGATCGCCAGGGCCTCCGGCTTGCTCCACGAGAGAATGGATGAAT 2076
E_pB_SPADESNODE_1_length_7502         1973 CAAAAATGGCAACACCCCACATGGCAAAGGTGTGGTGAAGTCTCTGACGATTGGTTCTCTGATCGCCAGGGCCTCCGGCTTGCTCCACGAGAGAATGGATGAAT 2076
E_pC_MEGAHITk119_len=7594             1973 CAAAAATGGCAACACCCCACATGGCAAAGGTGTGGTGAAGTCTCTGACGATTGGTTCTCTGATCGCCAGGGCCTCCGGCTTGCTCCACGAGAGAATGGATGAAT 2076
E_pA_SPADESNODE_1_length_7559         1973 CAAAAATGGCAACACCCCACATGGCAAAGGTGTGGTGAAGTCTCTGACGATTGGTTCTCTGATCGCCAGGGCCTCCGGCTTGCTCCACGAGAGAATGGATGAAT 2076
E_pD_SPADESNODE_1441_length_7556      1973 CAAAAATGGCAACACCCCACATGGCAAAGGTGTGGTGAAGTCTCTGACGATTGGTTCTCTGATCGCCAGGGCCTCCGGCTTGCTCCACGAGAGAATGGATGAAT 2076

                                      Consensus
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                                      Occupancy

gi|1761024121|dbj|LC369255.1|         2081 TCGAGCTCCAAGGCTCTGACCTGCCAACCTTCAATTTTGACCGCAACAAAGTCGCCGCCTTCAGACAATTAGCAGCTGAAAACAAATATGGTCTTATGGACACA 2184
E_pB_MEGAHITk119_len=7625             2077 TCGAGCTCCAAGGCTCTGACCTGCCAACCTTCAACTTTGACCGCAACAAAGTCGCCGCCTTCAGACAATTAGCAGCTGAAAACAAATATGGTCTTATGGACACA 2180
E_pA_MEGAHITk119_len=7596             2076 TCGAGCTCCAAGGCTCTGACCTGCCAACCTTCAACTTTGACCGCAACAAAGTCGCCGCCTTCAGACAATTAGCAGCTGAAAACAAATATGGTCTTATGGACACA 2179
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E_pC_SPADESNODE_1_length_7501         2077 TCGAGCTCCAAGGCTCTGACCTGCCAACCTTCAACTTTGACCGCAACAAAGTCGCCGCCTTCAGACAATTAGCAGCTGAAAACAAATATGGTCTTATGGACACA 2180
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E_pA_SPADESNODE_1_length_7559         2077 TCGAGCTCCAAGGCTCTGACCTGCCAACCTTCAACTTTGACCGCAACAAAGTCGCCGCCTTCAGACAATTAGCAGCTGAAAACAAATATGGTCTTATGGACACA 2180
E_pD_SPADESNODE_1441_length_7556      2077 TCGAGCTCCAAGGCTCTGACCTGCCAACCTTCAACTTTGACCGCAACAAAGTCGCCGCCTTCAGACAATTAGCAGCTGAAAACAAATATGGTCTTATGGACACA 2180

                                      Consensus
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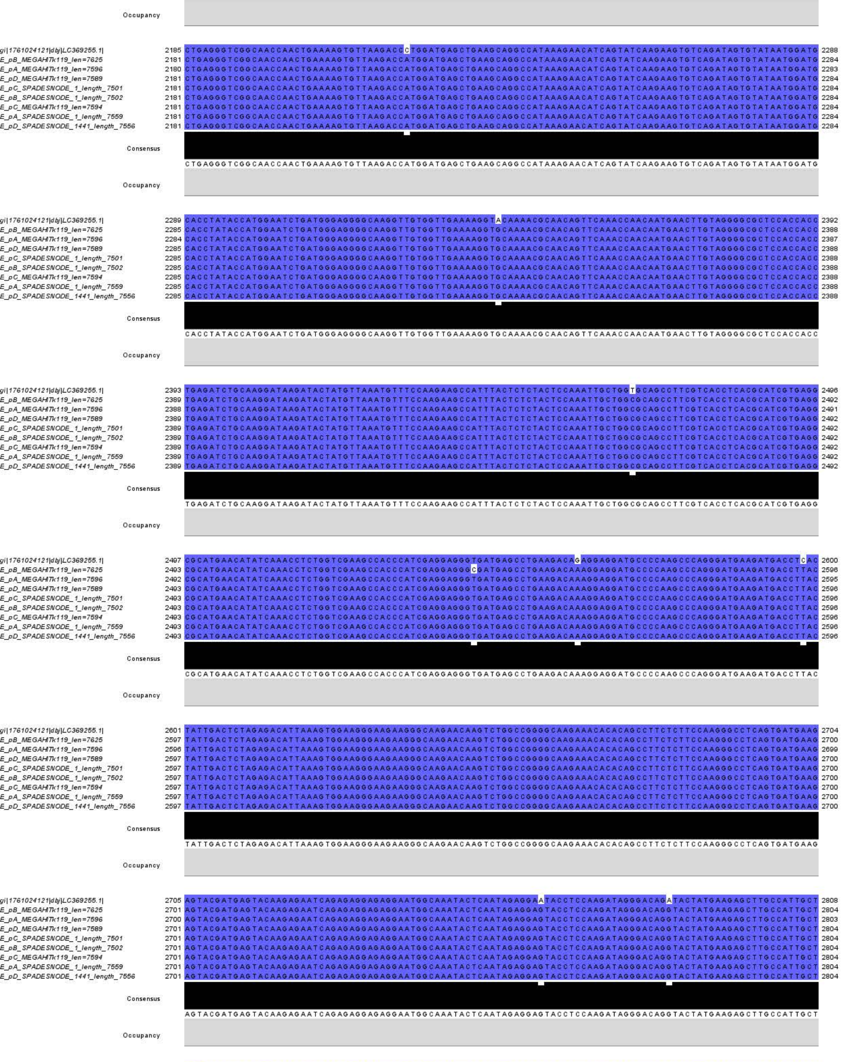

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                                Occupancy

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E_pB_MEGAHITk119_len=7625            2181 CTGAGGGTCGGCAACCAACTGAAAAGTGTTAAGACCATGGATGAGCTGAAGCAGGCCATAAAGAACATCAGTATCAAGAAGTGTCAGATAGTGTATAATGGATG 2284
E_pA_MEGAHITk119_len=7596            2180 CTGAGGGTCGGCAACCAACTGAAAAGTGTTAAGACCATGGATGAGCTGAAGCAGGCCATAAAGAACATCAGTATCAAGAAGTGTCAGATAGTGTATAATGGATG 2283
E_pD_MEGAHITk119_len=7589            2181 CTGAGGGTCGGCAACCAACTGAAAAGTGTTAAGACCATGGATGAGCTGAAGCAGGCCATAAAGAACATCAGTATCAAGAAGTGTCAGATAGTGTATAATGGATG 2284
E_pC_SPADESNODE_1_length_7501        2181 CTGAGGGTCGGCAACCAACTGAAAAGTGTTAAGACCATGGATGAGCTGAAGCAGGCCATAAAGAACATCAGTATCAAGAAGTGTCAGATAGTGTATAATGGATG 2284
E_pB_SPADESNODE_1_length_7502        2181 CTGAGGGTCGGCAACCAACTGAAAAGTGTTAAGACCATGGATGAGCTGAAGCAGGCCATAAAGAACATCAGTATCAAGAAGTGTCAGATAGTGTATAATGGATG 2284
E_pC_MEGAHITk119_len=7594            2181 CTGAGGGTCGGCAACCAACTGAAAAGTGTTAAGACCATGGATGAGCTGAAGCAGGCCATAAAGAACATCAGTATCAAGAAGTGTCAGATAGTGTATAATGGATG 2284
E_pA_SPADESNODE_1_length_7559        2181 CTGAGGGTCGGCAACCAACTGAAAAGTGTTAAGACCATGGATGAGCTGAAGCAGGCCATAAAGAACATCAGTATCAAGAAGTGTCAGATAGTGTATAATGGATG 2284
E_pD_SPADESNODE_1441_length_7556     2181 CTGAGGGTCGGCAACCAACTGAAAAGTGTTAAGACCATGGATGAGCTGAAGCAGGCCATAAAGAACATCAGTATCAAGAAGTGTCAGATAGTGTATAATGGATG 2284

                                Consensus
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                                Occupancy

gi|1761024121|dbj|LC369255.1|        2289 CACCTATACCATGGAATCTGATGGGAGGGGCAAGGTTGTGGTTGAAAAGGTACAAAACGCAACAGTTCAAACCAACAATGAACTTGTAGGGGCGCTCCACCACC 2392
E_pB_MEGAHITk119_len=7625            2285 CACCTATACCATGGAATCTGATGGGAGGGGCAAGGTTGTGGTTGAAAAGGTGCAAAACGCAACAGTTCAAACCAACAATGAACTTGTAGGGGCGCTCCACCACC 2388
E_pA_MEGAHITk119_len=7596            2284 CACCTATACCATGGAATCTGATGGGAGGGGCAAGGTTGTGGTTGAAAAGGTGCAAAACGCAACAGTTCAAACCAACAATGAACTTGTAGGGGCGCTCCACCACC 2387
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E_pC_SPADESNODE_1_length_7501        2285 CACCTATACCATGGAATCTGATGGGAGGGGCAAGGTTGTGGTTGAAAAGGTGCAAAACGCAACAGTTCAAACCAACAATGAACTTGTAGGGGCGCTCCACCACC 2388
E_pB_SPADESNODE_1_length_7502        2285 CACCTATACCATGGAATCTGATGGGAGGGGCAAGGTTGTGGTTGAAAAGGTGCAAAACGCAACAGTTCAAACCAACAATGAACTTGTAGGGGCGCTCCACCACC 2388
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                                Consensus
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                                Occupancy

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E_pA_MEGAHITk119_len=7596            2388 TGAGATCTGCAAGGATAAGATACTATGTTAAATGTTTCCAAGAAGCCATTTACTCTCTACTCCAAATTGCTGGCGCAGCCTTCGTCACCTCACGCATCGTGAGG 2491
E_pD_MEGAHITk119_len=7589            2389 TGAGATCTGCAAGGATAAGATACTATGTTAAATGTTTCCAAGAAGCCATTTACTCTCTACTCCAAATTGCTGGCGCAGCCTTCGTCACCTCACGCATCGTGAGG 2492
E_pC_SPADESNODE_1_length_7501        2389 TGAGATCTGCAAGGATAAGATACTATGTTAAATGTTTCCAAGAAGCCATTTACTCTCTACTCCAAATTGCTGGCGCAGCCTTCGTCACCTCACGCATCGTGAGG 2492
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E_pC_MEGAHITk119_len=7594            2389 TGAGATCTGCAAGGATAAGATACTATGTTAAATGTTTCCAAGAAGCCATTTACTCTCTACTCCAAATTGCTGGCGCAGCCTTCGTCACCTCACGCATCGTGAGG 2492
E_pA_SPADESNODE_1_length_7559        2389 TGAGATCTGCAAGGATAAGATACTATGTTAAATGTTTCCAAGAAGCCATTTACTCTCTACTCCAAATTGCTGGCGCAGCCTTCGTCACCTCACGCATCGTGAGG 2492
E_pD_SPADESNODE_1441_length_7556     2389 TGAGATCTGCAAGGATAAGATACTATGTTAAATGTTTCCAAGAAGCCATTTACTCTCTACTCCAAATTGCTGGCGCAGCCTTCGTCACCTCACGCATCGTGAGG 2492

                                Consensus
                                          TGAGATCTGCAAGGATAAGATACTATGTTAAATGTTTCCAAGAAGCCATTTACTCTCTACTCCAAATTGCTGGCGCAGCCTTCGTCACCTCACGCATCGTGAGG
                                Occupancy

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E_pA_MEGAHITk119_len=7596            2492 CGCATGAACATATCAAACCTCTGGTCGAAGCCACCCATCGAGGAGGGTGATGAGCCTGAAGACAAAGGAGGATGCCCCAAGCCCAGGGATGAAGATGACCTTAC 2595
E_pD_MEGAHITk119_len=7589            2493 CGCATGAACATATCAAACCTCTGGTCGAAGCCACCCATCGAGGAGGGTGATGAGCCTGAAGACAAAGGAGGATGCCCCAAGCCCAGGGATGAAGATGACCTTAC 2596
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E_pD_SPADESNODE_1441_length_7556     2493 CGCATGAACATATCAAACCTCTGGTCGAAGCCACCCATCGAGGAGGGTGATGAGCCTGAAGACAAAGGAGGATGCCCCAAGCCCAGGGATGAAGATGACCTTAC 2596

                                Consensus
                                          CGCATGAACATATCAAACCTCTGGTCGAAGCCACCCATCGAGGAGGGTGATGAGCCTGAAGACAAAGGAGGATGCCCCAAGCCCAGGGATGAAGATGACCTTAC
                                Occupancy

gi|1761024121|dbj|LC369255.1|        2601 TATTGACTCTAGAGACATTAAAGTGGAAGGGAAGAAGGGCAAGAACAAGTCTGGCCGGGGCAAGAAACACACAGCCTTCTCTTCCAAGGGCCTCAGTGATGAAG 2704
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E_pA_MEGAHITk119_len=7596            2596 TATTGACTCTAGAGACATTAAAGTGGAAGGGAAGAAGGGCAAGAACAAGTCTGGCCGGGGCAAGAAACACACAGCCTTCTCTTCCAAGGGCCTCAGTGATGAAG 2699
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E_pA_SPADESNODE_1_length_7559        2597 TATTGACTCTAGAGACATTAAAGTGGAAGGGAAGAAGGGCAAGAACAAGTCTGGCCGGGGCAAGAAACACACAGCCTTCTCTTCCAAGGGCCTCAGTGATGAAG 2700
E_pD_SPADESNODE_1441_length_7556     2597 TATTGACTCTAGAGACATTAAAGTGGAAGGGAAGAAGGGCAAGAACAAGTCTGGCCGGGGCAAGAAACACACAGCCTTCTCTTCCAAGGGCCTCAGTGATGAAG 2700

                                Consensus
                                          TATTGACTCTAGAGACATTAAAGTGGAAGGGAAGAAGGGCAAGAACAAGTCTGGCCGGGGCAAGAAACACACAGCCTTCTCTTCCAAGGGCCTCAGTGATGAAG
                                Occupancy

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E_pC_MEGAHITk119_len=7594            2701 AGTACGATGAGTACAAGAGAATCAGAGAGGAGAGGAATGGCAAATACTCAATAGAGGAGTACCTCCAAGATAGGGACAGGTACTATGAAGAGCTTGCCATTGCT 2804
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E_pD_SPADESNODE_1441_length_7556     2701 AGTACGATGAGTACAAGAGAATCAGAGAGGAGAGGAATGGCAAATACTCAATAGAGGAGTACCTCCAAGATAGGGACAGGTACTATGAAGAGCTTGCCATTGCT 2804

                                Consensus
                                          AGTACGATGAGTACAAGAGAATCAGAGAGGAGAGGAATGGCAAATACTCAATAGAGGAGTACCTCCAAGATAGGGACAGGTACTATGAAGAGCTTGCCATTGCT
                                Occupancy
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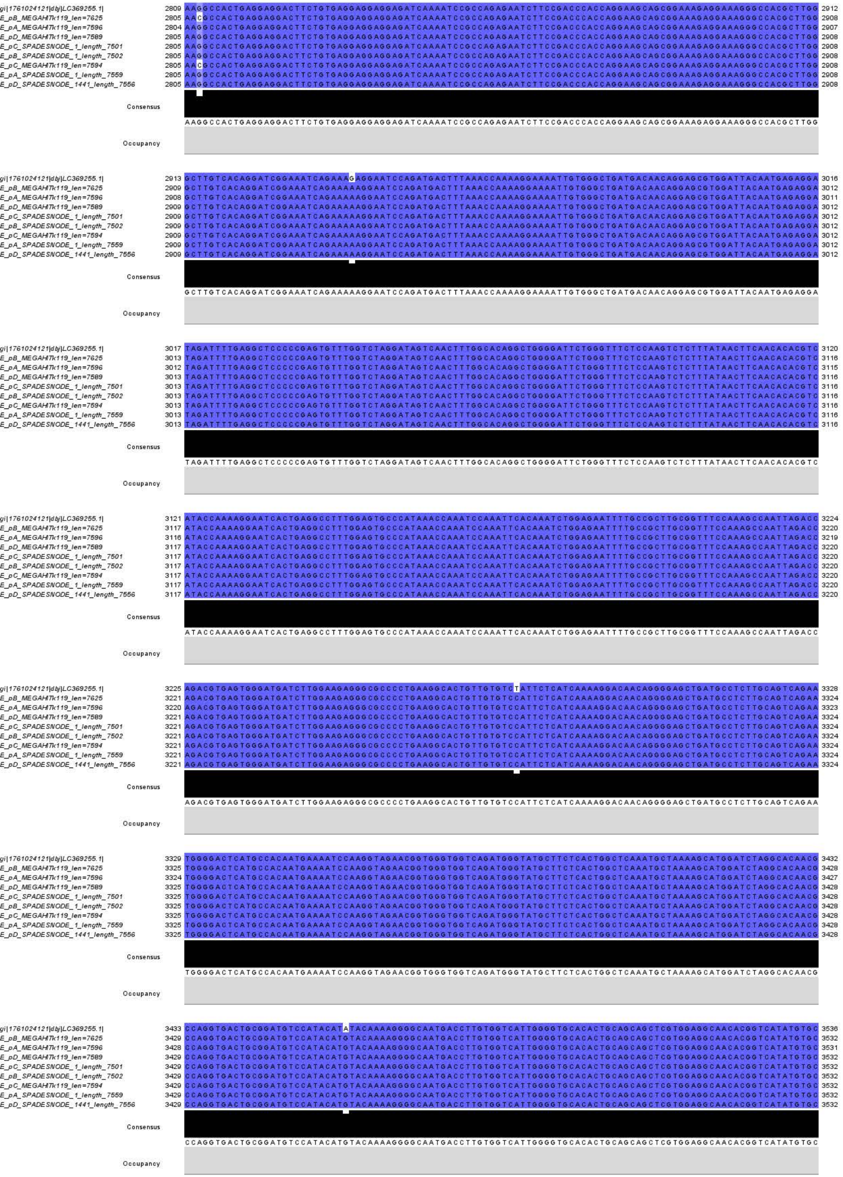

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E_pD_SPADESNODE_1441_length_7556   2805 AAGGCCACTGAGGAGGACTTCTGTGAGGAGGAGGAGATCAAAATCCGCCAGAGAATCTTCCGACCCACCAGGAAGCAGCGGAAAGAGGAAAGGGCCACGCTTGG 2908

                        Consensus

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                        Occupancy


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                        Consensus

                                        GCTTGTCACAGGATCGGAAATCAGAAAAAGGAATCCAGATGACTTTAAACCAAAAGGAAAATTGTGGGCTGATGACAACAGGAGCGTGGATTACAATGAGAGGA

                        Occupancy


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E_pC_SPADESNODE_1_length_7501      3013 TAGATTTTGAGGCTCCCCCGAGTGTTTGGTCTAGGATAGTCAACTTTGGCACAGGCTGGGGATTCTGGGTTTCTCCAAGTCTCTTTATAACTTCAACACACGTC 3116
E_pB_SPADESNODE_1_length_7502      3013 TAGATTTTGAGGCTCCCCCGAGTGTTTGGTCTAGGATAGTCAACTTTGGCACAGGCTGGGGATTCTGGGTTTCTCCAAGTCTCTTTATAACTTCAACACACGTC 3116
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                        Consensus

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                        Occupancy


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                        Consensus

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                        Consensus

                                        AGACGTGAGTGGGATGATCTTGGAAGAGGGCGCCCCTGAAGGCACTGTTGTGTCCATTCTCATCAAAAGGACAACAGGGGAGCTGATGCCTCTTGCAGTCAGAA

                        Occupancy


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                        Consensus

                                        TGGGGACTCATGCCACAATGAAAATCCAAGGTAGAACGGTGGGTGGTCAGATGGGTATGCTTCTCACTGGCTCAAATGCTAAAAGCATGGATCTAGGCACAACG

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                        Consensus

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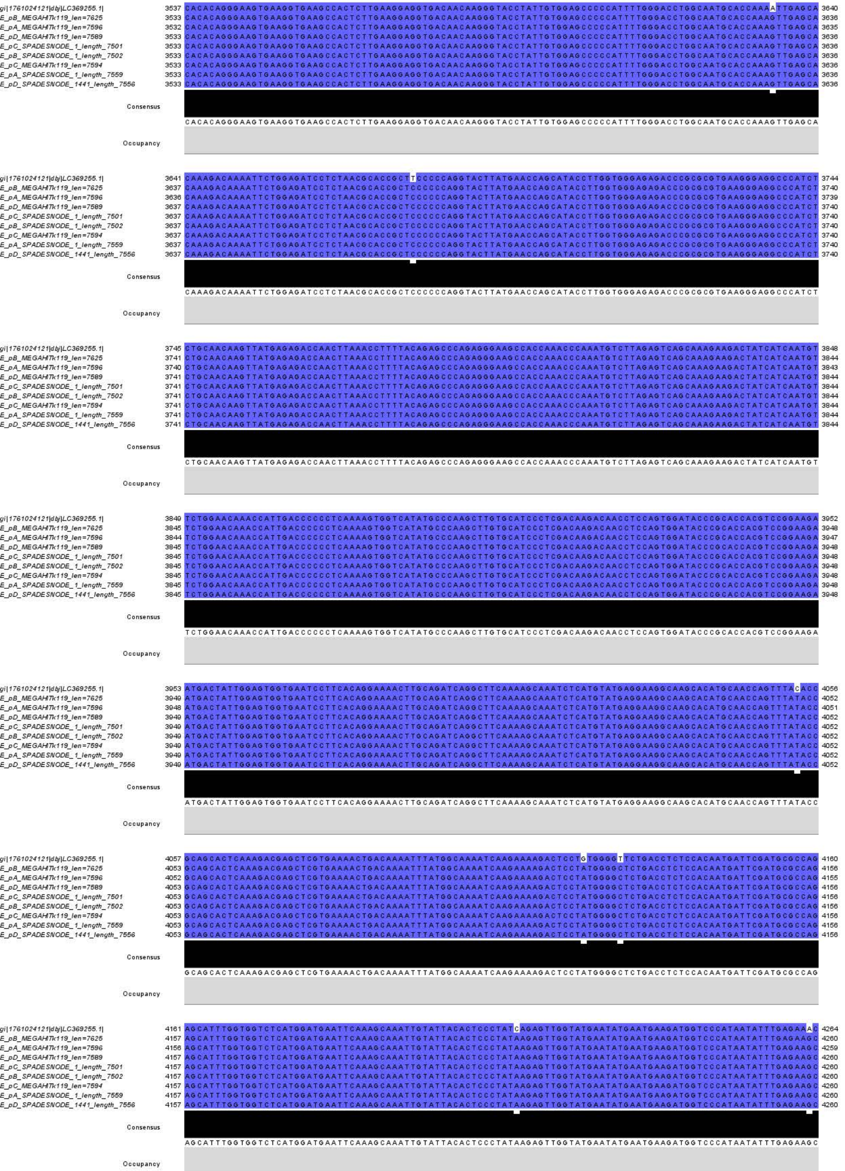

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E_pD_SPADESNODE_1441_length_7556         3533 CACACAGGGAAGTGAAGGTGAAGCCACTCTTGAAGGAGGTGACAACAAGGGTACCTATTGTGGAGCCCCCATTTTGGGACCTGGCAATGCACCAAAGTTGAGCA 3636

                               Consensus
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                               Occupancy

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                               Consensus
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                               Occupancy

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E_pA_MEGAHITk119_len=7596                3740 CTGCAACAAGTTATGAGAGACCAACTTAAACCTTTTACAGAGCCCAGAGGGAAGCCACCAAACCCAAATGTCTTAGAGTCAGCAAAGAAGACTATCATCAATGT 3843
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E_pC_SPADESNODE_1_length_7501            3741 CTGCAACAAGTTATGAGAGACCAACTTAAACCTTTTACAGAGCCCAGAGGGAAGCCACCAAACCCAAATGTCTTAGAGTCAGCAAAGAAGACTATCATCAATGT 3844
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                               Consensus
                                              CTGCAACAAGTTATGAGAGACCAACTTAAACCTTTTACAGAGCCCAGAGGGAAGCCACCAAACCCAAATGTCTTAGAGTCAGCAAAGAAGACTATCATCAATGT

                               Occupancy

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                               Consensus
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                               Occupancy

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                               Consensus
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                               Occupancy

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                               Consensus
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                               Occupancy

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                               Consensus
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                               Occupancy
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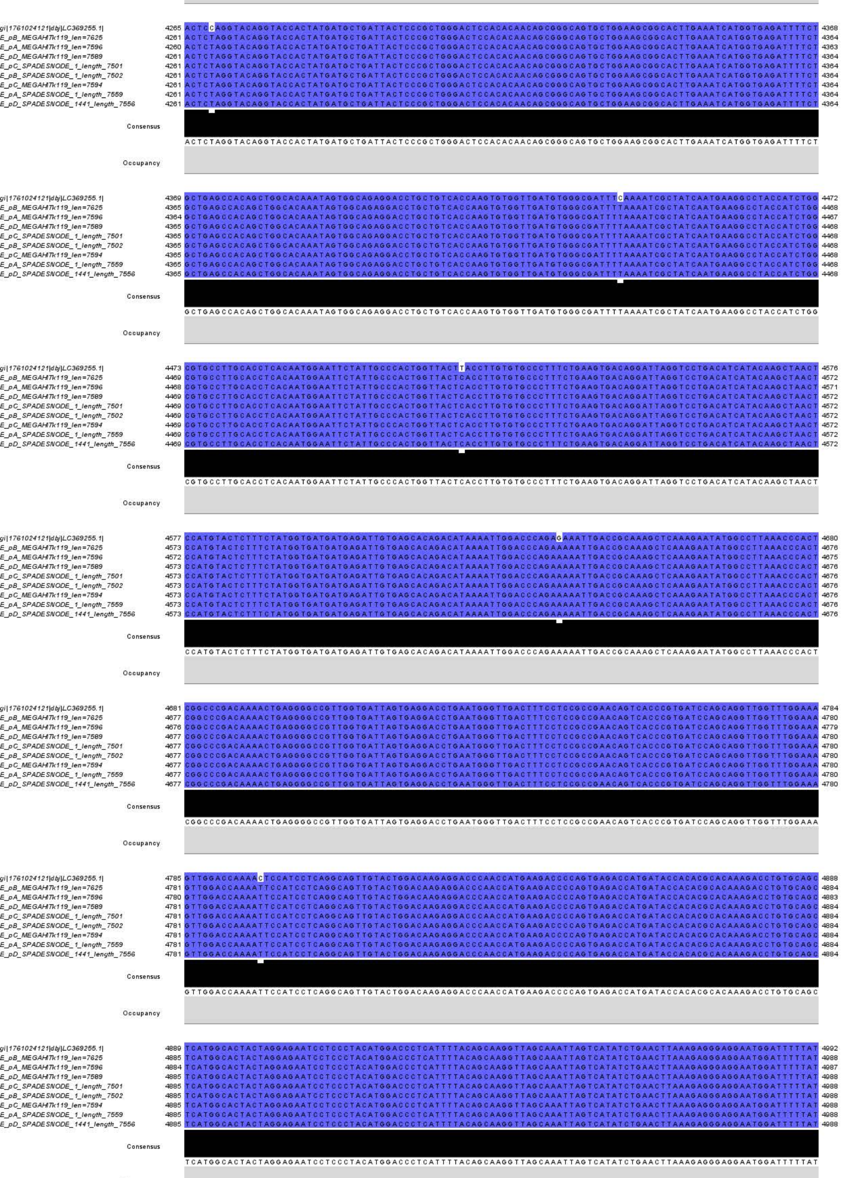

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E_pA_MEGAHITk119_len=7596                 4260 ACTCTAGGTACAGGTACCACTATGATGCTGATTACTCCCGCTGGGACTCCACACAACAGCGGGCAGTGCTGGAAGCGGCACTTGAAATCATGGTGAGATTTTCT 4363
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E_pD_SPADESNODE_1441_length_7556          4261 ACTCTAGGTACAGGTACCACTATGATGCTGATTACTCCCGCTGGGACTCCACACAACAGCGGGCAGTGCTGGAAGCGGCACTTGAAATCATGGTGAGATTTTCT 4364

                        Consensus
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                        Occupancy

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                        Consensus
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                        Occupancy

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                        Consensus
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                        Occupancy

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                        Consensus
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                        Occupancy

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                        Consensus
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                        Occupancy

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E_pB_SPADESNODE_1_length_7502             4781 GTTGGACCAAAATTCCATCCTCAGGCAGTTGTACTGGACAAGAGGACCCAACCATGAAGACCCCAGTGAGACCATGATACCACACGCACAAAGACCTGTGCAGC 4884
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E_pA_SPADESNODE_1_length_7559             4781 GTTGGACCAAAATTCCATCCTCAGGCAGTTGTACTGGACAAGAGGACCCAACCATGAAGACCCCAGTGAGACCATGATACCACACGCACAAAGACCTGTGCAGC 4884
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                        Consensus
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                        Occupancy

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E_pA_MEGAHITk119_len=7596                 4884 TCATGGCACTACTAGGAGAATCCTCCCTACATGGACCCTCATTTTACAGCAAGGTTAGCAAATTAGTCATATCTGAACTTAAAGAGGGAGGAATGGATTTTTAT 4987
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E_pD_SPADESNODE_1441_length_7556          4885 TCATGGCACTACTAGGAGAATCCTCCCTACATGGACCCTCATTTTACAGCAAGGTTAGCAAATTAGTCATATCTGAACTTAAAGAGGGAGGAATGGATTTTTAT 4988

                        Consensus
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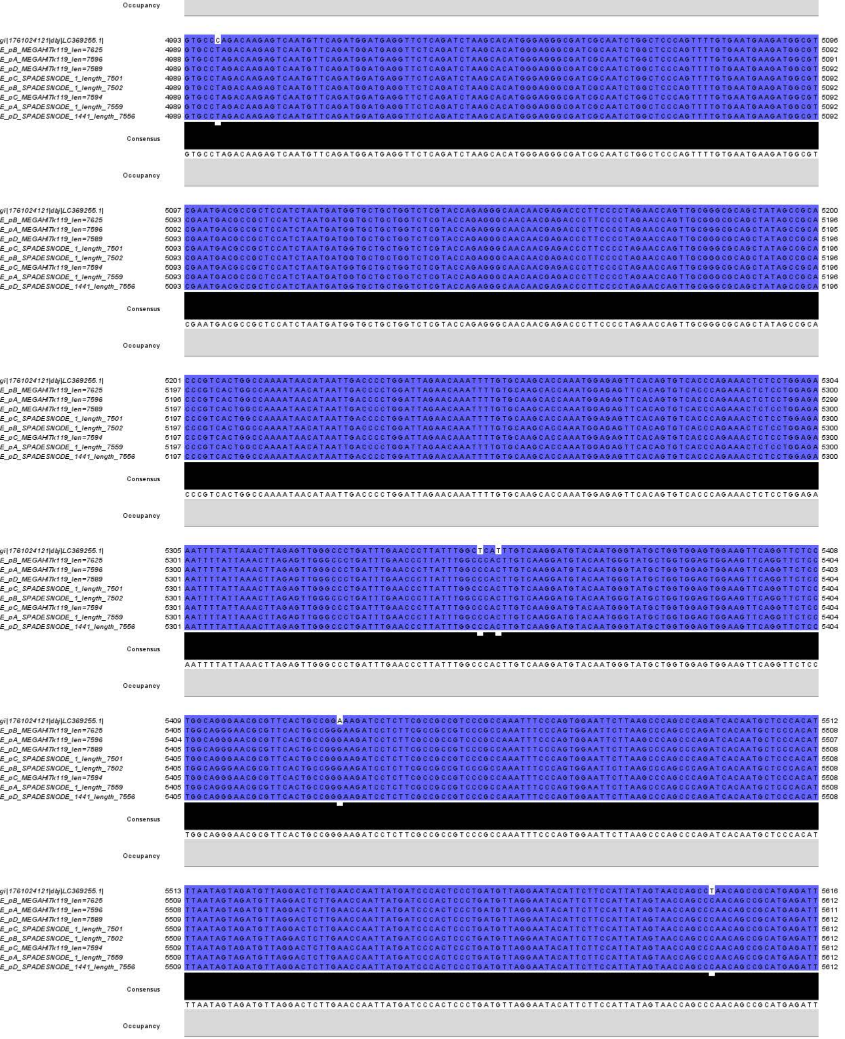

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Occupancy

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E_pC_SPADESNODE_1_length_7501           4989 GTGCCTAGACAAGAGTCAATGTTCAGATGGATGAGGTTCTCAGATCTAAGCACATGGGAGGGCGATCGCAATCTGGCTCCCAGTTTTGTGAATGAAGATGGCGT 5092
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E_pA_SPADESNODE_1_length_7559           4989 GTGCCTAGACAAGAGTCAATGTTCAGATGGATGAGGTTCTCAGATCTAAGCACATGGGAGGGCGATCGCAATCTGGCTCCCAGTTTTGTGAATGAAGATGGCGT 5092
E_pD_SPADESNODE_1441_length_7556        4989 GTGCCTAGACAAGAGTCAATGTTCAGATGGATGAGGTTCTCAGATCTAAGCACATGGGAGGGCGATCGCAATCTGGCTCCCAGTTTTGTGAATGAAGATGGCGT 5092

Consensus
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Occupancy

gi|1761024121|dbj|LC369255.1|           5097 CGAATGACGCCGCTCCATCTAATGATGGTGCTGCTGGTCTCGTACCAGAGGGCAACAACGAGACCCTTCCCCTAGAACCAGTTGCGGGCGCAGCTATAGCCGCA 5200
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E_pC_SPADESNODE_1_length_7501           5093 CGAATGACGCCGCTCCATCTAATGATGGTGCTGCTGGTCTCGTACCAGAGGGCAACAACGAGACCCTTCCCCTAGAACCAGTTGCGGGCGCAGCTATAGCCGCA 5196
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Consensus
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Occupancy

gi|1761024121|dbj|LC369255.1|           5201 CCCGTCACTGGCCAAAATAACATAATTGACCCCTGGATTAGAACAAATTTTGTGCAAGCACCAAATGGAGAGTTCACAGTGTCACCCAGAAACTCTCCTGGAGA 5304
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Consensus
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Occupancy

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Consensus
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Occupancy

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Consensus
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Occupancy

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Consensus
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Occupancy
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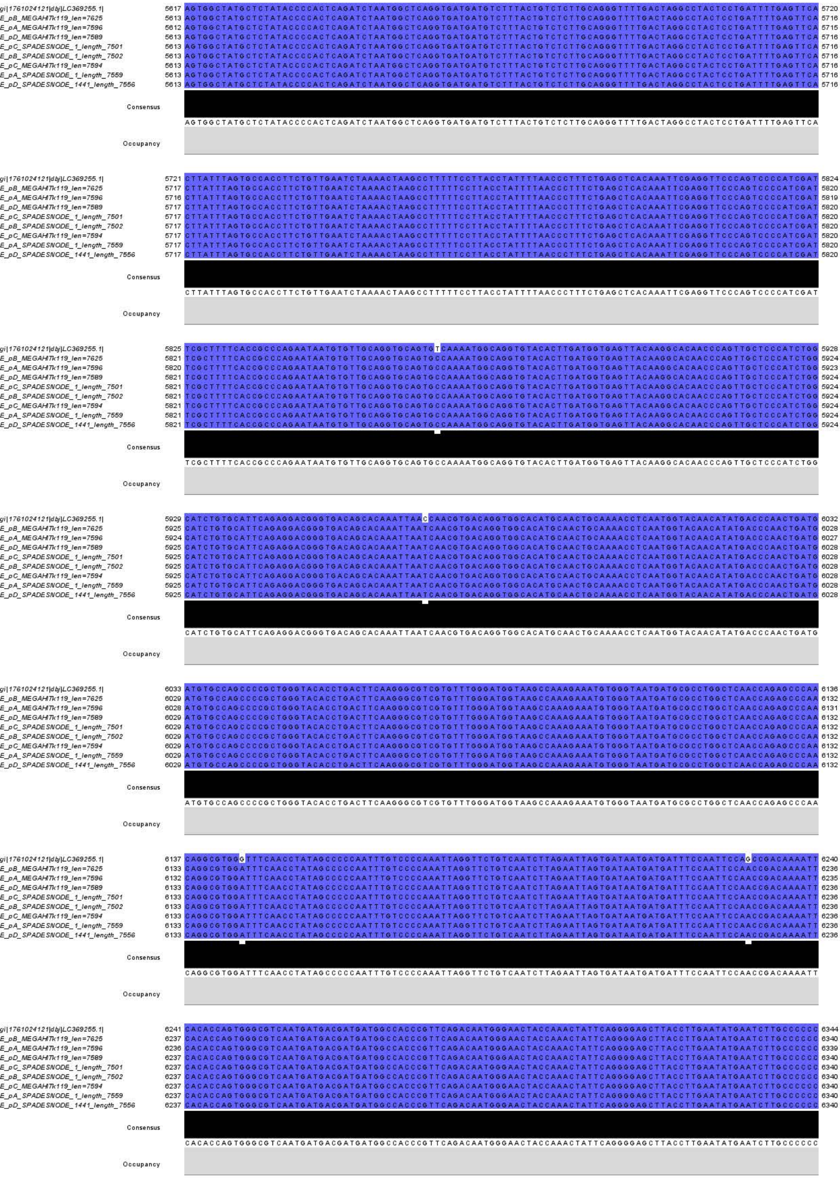

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                           Consensus
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                           Occupancy


gi|1761024121|dbj|LC369255.1|        5721 CTTATTTAGTGCCACCTTCTGTTGAATCTAAAACTAAGCCTTTTTCCTTACCTATTTTAACCCTTTCTGAGCTCACAAATTCGAGGTTCCCAGTCCCCATCGAT 5824
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                           Consensus
                                          CTTATTTAGTGCCACCTTCTGTTGAATCTAAAACTAAGCCTTTTTCCTTACCTATTTTAACCCTTTCTGAGCTCACAAATTCGAGGTTCCCAGTCCCCATCGAT

                           Occupancy


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E_pC_MEGAHITk119_len=7594            5821 TCGCTTTTCACCGCCCAGAATAATGTGTTGCAGGTGCAGTGCCAAAATGGCAGGTGTACACTTGATGGTGAGTTACAAGGCACAACCCAGTTGCTCCCATCTGG 5924
E_pA_SPADESNODE_1_length_7559        5821 TCGCTTTTCACCGCCCAGAATAATGTGTTGCAGGTGCAGTGCCAAAATGGCAGGTGTACACTTGATGGTGAGTTACAAGGCACAACCCAGTTGCTCCCATCTGG 5924
E_pD_SPADESNODE_1441_length_7556     5821 TCGCTTTTCACCGCCCAGAATAATGTGTTGCAGGTGCAGTGCCAAAATGGCAGGTGTACACTTGATGGTGAGTTACAAGGCACAACCCAGTTGCTCCCATCTGG 5924

                           Consensus
                                          TCGCTTTTCACCGCCCAGAATAATGTGTTGCAGGTGCAGTGCCAAAATGGCAGGTGTACACTTGATGGTGAGTTACAAGGCACAACCCAGTTGCTCCCATCTGG

                           Occupancy


gi|1761024121|dbj|LC369255.1|        5929 CATCTGTGCATTCAGAGGACGGGTGACAGCACAAATTAACCAACGTGACAGGTGGCACATGCAACTGCAAAACCTCAATGGTACAACATATGACCCAACTGATG 6032
E_pB_MEGAHITk119_len=7625            5925 CATCTGTGCATTCAGAGGACGGGTGACAGCACAAATTAATCAACGTGACAGGTGGCACATGCAACTGCAAAACCTCAATGGTACAACATATGACCCAACTGATG 6028
E_pA_MEGAHITk119_len=7596            5924 CATCTGTGCATTCAGAGGACGGGTGACAGCACAAATTAATCAACGTGACAGGTGGCACATGCAACTGCAAAACCTCAATGGTACAACATATGACCCAACTGATG 6027
E_pD_MEGAHITk119_len=7589            5925 CATCTGTGCATTCAGAGGACGGGTGACAGCACAAATTAATCAACGTGACAGGTGGCACATGCAACTGCAAAACCTCAATGGTACAACATATGACCCAACTGATG 6028
E_pC_SPADESNODE_1_length_7501        5925 CATCTGTGCATTCAGAGGACGGGTGACAGCACAAATTAATCAACGTGACAGGTGGCACATGCAACTGCAAAACCTCAATGGTACAACATATGACCCAACTGATG 6028
E_pB_SPADESNODE_1_length_7502        5925 CATCTGTGCATTCAGAGGACGGGTGACAGCACAAATTAATCAACGTGACAGGTGGCACATGCAACTGCAAAACCTCAATGGTACAACATATGACCCAACTGATG 6028
E_pC_MEGAHITk119_len=7594            5925 CATCTGTGCATTCAGAGGACGGGTGACAGCACAAATTAATCAACGTGACAGGTGGCACATGCAACTGCAAAACCTCAATGGTACAACATATGACCCAACTGATG 6028
E_pA_SPADESNODE_1_length_7559        5925 CATCTGTGCATTCAGAGGACGGGTGACAGCACAAATTAATCAACGTGACAGGTGGCACATGCAACTGCAAAACCTCAATGGTACAACATATGACCCAACTGATG 6028
E_pD_SPADESNODE_1441_length_7556     5925 CATCTGTGCATTCAGAGGACGGGTGACAGCACAAATTAATCAACGTGACAGGTGGCACATGCAACTGCAAAACCTCAATGGTACAACATATGACCCAACTGATG 6028

                           Consensus
                                          CATCTGTGCATTCAGAGGACGGGTGACAGCACAAATTAATCAACGTGACAGGTGGCACATGCAACTGCAAAACCTCAATGGTACAACATATGACCCAACTGATG

                           Occupancy


gi|1761024121|dbj|LC369255.1|        6033 ATGTGCCAGCCCCGCTGGGTACACCTGACTTCAAGGGCGTCGTGTTTGGGATGGTAAGCCAAAGAAATGTGGGTAATGATGCGCCTGGCTCAACCAGAGCCCAA 6136
E_pB_MEGAHITk119_len=7625            6029 ATGTGCCAGCCCCGCTGGGTACACCTGACTTCAAGGGCGTCGTGTTTGGGATGGTAAGCCAAAGAAATGTGGGTAATGATGCGCCTGGCTCAACCAGAGCCCAA 6132
E_pA_MEGAHITk119_len=7596            6028 ATGTGCCAGCCCCGCTGGGTACACCTGACTTCAAGGGCGTCGTGTTTGGGATGGTAAGCCAAAGAAATGTGGGTAATGATGCGCCTGGCTCAACCAGAGCCCAA 6131
E_pD_MEGAHITk119_len=7589            6029 ATGTGCCAGCCCCGCTGGGTACACCTGACTTCAAGGGCGTCGTGTTTGGGATGGTAAGCCAAAGAAATGTGGGTAATGATGCGCCTGGCTCAACCAGAGCCCAA 6132
E_pC_SPADESNODE_1_length_7501        6029 ATGTGCCAGCCCCGCTGGGTACACCTGACTTCAAGGGCGTCGTGTTTGGGATGGTAAGCCAAAGAAATGTGGGTAATGATGCGCCTGGCTCAACCAGAGCCCAA 6132
E_pB_SPADESNODE_1_length_7502        6029 ATGTGCCAGCCCCGCTGGGTACACCTGACTTCAAGGGCGTCGTGTTTGGGATGGTAAGCCAAAGAAATGTGGGTAATGATGCGCCTGGCTCAACCAGAGCCCAA 6132
E_pC_MEGAHITk119_len=7594            6029 ATGTGCCAGCCCCGCTGGGTACACCTGACTTCAAGGGCGTCGTGTTTGGGATGGTAAGCCAAAGAAATGTGGGTAATGATGCGCCTGGCTCAACCAGAGCCCAA 6132
E_pA_SPADESNODE_1_length_7559        6029 ATGTGCCAGCCCCGCTGGGTACACCTGACTTCAAGGGCGTCGTGTTTGGGATGGTAAGCCAAAGAAATGTGGGTAATGATGCGCCTGGCTCAACCAGAGCCCAA 6132
E_pD_SPADESNODE_1441_length_7556     6029 ATGTGCCAGCCCCGCTGGGTACACCTGACTTCAAGGGCGTCGTGTTTGGGATGGTAAGCCAAAGAAATGTGGGTAATGATGCGCCTGGCTCAACCAGAGCCCAA 6132

                           Consensus
                                          ATGTGCCAGCCCCGCTGGGTACACCTGACTTCAAGGGCGTCGTGTTTGGGATGGTAAGCCAAAGAAATGTGGGTAATGATGCGCCTGGCTCAACCAGAGCCCAA

                           Occupancy


gi|1761024121|dbj|LC369255.1|        6137 CAGGCGTGGGTTTCAACCTATAGCCCCCAATTTGTCCCCAAATTAGGTTCTGTCAATCTTAGAATTAGTGATAATGATGATTTCCAATTCCAGCCGACAAAATT 6240
E_pB_MEGAHITk119_len=7625            6133 CAGGCGTGGATTTCAACCTATAGCCCCCAATTTGTCCCCAAATTAGGTTCTGTCAATCTTAGAATTAGTGATAATGATGATTTCCAATTCCAACCGACAAAATT 6236
E_pA_MEGAHITk119_len=7596            6132 CAGGCGTGGATTTCAACCTATAGCCCCCAATTTGTCCCCAAATTAGGTTCTGTCAATCTTAGAATTAGTGATAATGATGATTTCCAATTCCAACCGACAAAATT 6235
E_pD_MEGAHITk119_len=7589            6133 CAGGCGTGGATTTCAACCTATAGCCCCCAATTTGTCCCCAAATTAGGTTCTGTCAATCTTAGAATTAGTGATAATGATGATTTCCAATTCCAACCGACAAAATT 6236
E_pC_SPADESNODE_1_length_7501        6133 CAGGCGTGGATTTCAACCTATAGCCCCCAATTTGTCCCCAAATTAGGTTCTGTCAATCTTAGAATTAGTGATAATGATGATTTCCAATTCCAACCGACAAAATT 6236
E_pB_SPADESNODE_1_length_7502        6133 CAGGCGTGGATTTCAACCTATAGCCCCCAATTTGTCCCCAAATTAGGTTCTGTCAATCTTAGAATTAGTGATAATGATGATTTCCAATTCCAACCGACAAAATT 6236
E_pC_MEGAHITk119_len=7594            6133 CAGGCGTGGATTTCAACCTATAGCCCCCAATTTGTCCCCAAATTAGGTTCTGTCAATCTTAGAATTAGTGATAATGATGATTTCCAATTCCAACCGACAAAATT 6236
E_pA_SPADESNODE_1_length_7559        6133 CAGGCGTGGATTTCAACCTATAGCCCCCAATTTGTCCCCAAATTAGGTTCTGTCAATCTTAGAATTAGTGATAATGATGATTTCCAATTCCAACCGACAAAATT 6236
E_pD_SPADESNODE_1441_length_7556     6133 CAGGCGTGGATTTCAACCTATAGCCCCCAATTTGTCCCCAAATTAGGTTCTGTCAATCTTAGAATTAGTGATAATGATGATTTCCAATTCCAACCGACAAAATT 6236

                           Consensus
                                          CAGGCGTGGATTTCAACCTATAGCCCCCAATTTGTCCCCAAATTAGGTTCTGTCAATCTTAGAATTAGTGATAATGATGATTTCCAATTCCAACCGACAAAATT

                           Occupancy


gi|1761024121|dbj|LC369255.1|        6241 CACACCAGTGGGCGTCAATGATGACGATGATGGCCACCCGTTCAGACAATGGGAACTACCAAACTATTCAGGGGAGCTTACCTTGAATATGAATCTTGCCCCCC 6344
E_pB_MEGAHITk119_len=7625            6237 CACACCAGTGGGCGTCAATGATGACGATGATGGCCACCCGTTCAGACAATGGGAACTACCAAACTATTCAGGGGAGCTTACCTTGAATATGAATCTTGCCCCCC 6340
E_pA_MEGAHITk119_len=7596            6236 CACACCAGTGGGCGTCAATGATGACGATGATGGCCACCCGTTCAGACAATGGGAACTACCAAACTATTCAGGGGAGCTTACCTTGAATATGAATCTTGCCCCCC 6339
E_pD_MEGAHITk119_len=7589            6237 CACACCAGTGGGCGTCAATGATGACGATGATGGCCACCCGTTCAGACAATGGGAACTACCAAACTATTCAGGGGAGCTTACCTTGAATATGAATCTTGCCCCCC 6340
E_pC_SPADESNODE_1_length_7501        6237 CACACCAGTGGGCGTCAATGATGACGATGATGGCCACCCGTTCAGACAATGGGAACTACCAAACTATTCAGGGGAGCTTACCTTGAATATGAATCTTGCCCCCC 6340
E_pB_SPADESNODE_1_length_7502        6237 CACACCAGTGGGCGTCAATGATGACGATGATGGCCACCCGTTCAGACAATGGGAACTACCAAACTATTCAGGGGAGCTTACCTTGAATATGAATCTTGCCCCCC 6340
E_pC_MEGAHITk119_len=7594            6237 CACACCAGTGGGCGTCAATGATGACGATGATGGCCACCCGTTCAGACAATGGGAACTACCAAACTATTCAGGGGAGCTTACCTTGAATATGAATCTTGCCCCCC 6340
E_pA_SPADESNODE_1_length_7559        6237 CACACCAGTGGGCGTCAATGATGACGATGATGGCCACCCGTTCAGACAATGGGAACTACCAAACTATTCAGGGGAGCTTACCTTGAATATGAATCTTGCCCCCC 6340
E_pD_SPADESNODE_1441_length_7556     6237 CACACCAGTGGGCGTCAATGATGACGATGATGGCCACCCGTTCAGACAATGGGAACTACCAAACTATTCAGGGGAGCTTACCTTGAATATGAATCTTGCCCCCC 6340

                           Consensus
                                          CACACCAGTGGGCGTCAATGATGACGATGATGGCCACCCGTTCAGACAATGGGAACTACCAAACTATTCAGGGGAGCTTACCTTGAATATGAATCTTGCCCCCC

                           Occupancy
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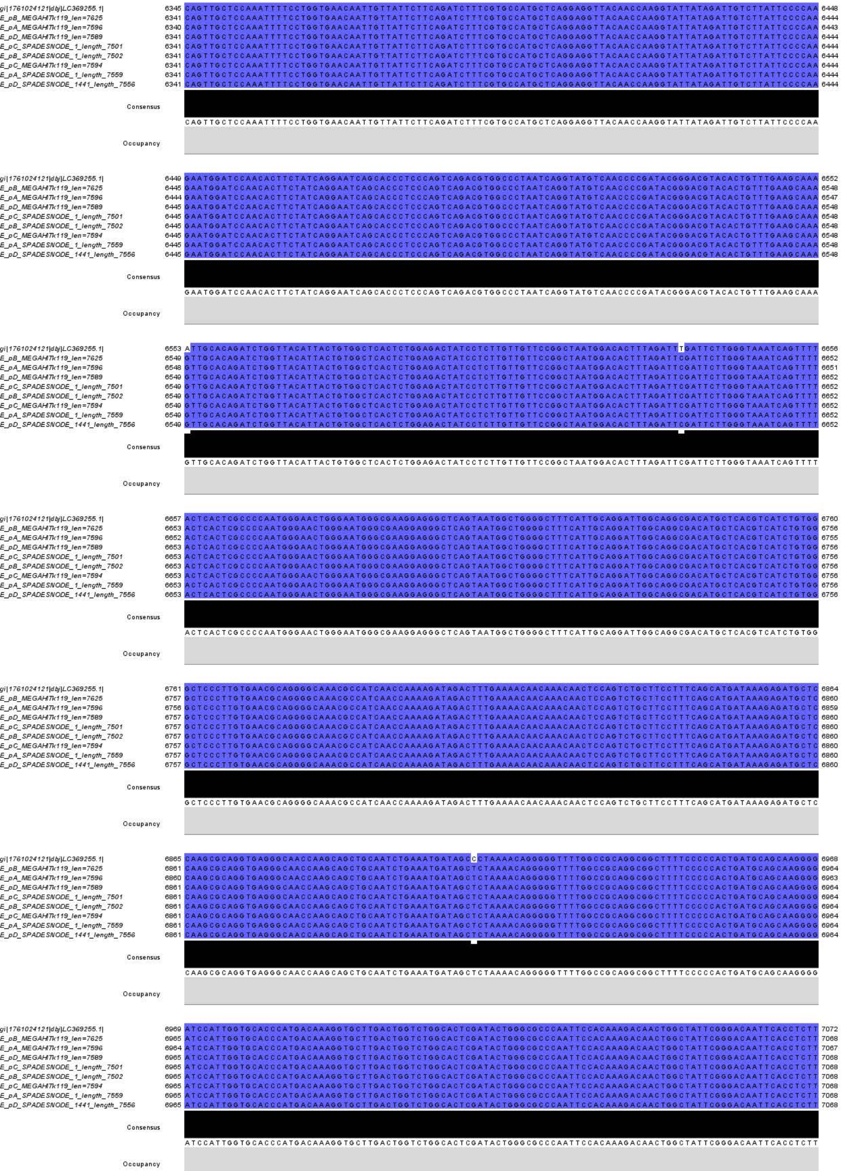

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gi|1761024121|dbj|LC369255.1|        6345 CAGTTGCTCCAAATTTTCCTGGTGAACAATTGTTATTCTTCAGATCTTTCGTGCCATGCTCAGGAGGTTACAACCAAGGTATTATAGATTGTCTTATTCCCCAA 6448
E_pB_MEGAHITk119_len=7625            6341 CAGTTGCTCCAAATTTTCCTGGTGAACAATTGTTATTCTTCAGATCTTTCGTGCCATGCTCAGGAGGTTACAACCAAGGTATTATAGATTGTCTTATTCCCCAA 6444
E_pA_MEGAHITk119_len=7596            6340 CAGTTGCTCCAAATTTTCCTGGTGAACAATTGTTATTCTTCAGATCTTTCGTGCCATGCTCAGGAGGTTACAACCAAGGTATTATAGATTGTCTTATTCCCCAA 6443
E_pD_MEGAHITk119_len=7589            6341 CAGTTGCTCCAAATTTTCCTGGTGAACAATTGTTATTCTTCAGATCTTTCGTGCCATGCTCAGGAGGTTACAACCAAGGTATTATAGATTGTCTTATTCCCCAA 6444
E_pC_SPADESNODE_1_length_7501        6341 CAGTTGCTCCAAATTTTCCTGGTGAACAATTGTTATTCTTCAGATCTTTCGTGCCATGCTCAGGAGGTTACAACCAAGGTATTATAGATTGTCTTATTCCCCAA 6444
E_pB_SPADESNODE_1_length_7502        6341 CAGTTGCTCCAAATTTTCCTGGTGAACAATTGTTATTCTTCAGATCTTTCGTGCCATGCTCAGGAGGTTACAACCAAGGTATTATAGATTGTCTTATTCCCCAA 6444
E_pC_MEGAHITk119_len=7594            6341 CAGTTGCTCCAAATTTTCCTGGTGAACAATTGTTATTCTTCAGATCTTTCGTGCCATGCTCAGGAGGTTACAACCAAGGTATTATAGATTGTCTTATTCCCCAA 6444
E_pA_SPADESNODE_1_length_7559        6341 CAGTTGCTCCAAATTTTCCTGGTGAACAATTGTTATTCTTCAGATCTTTCGTGCCATGCTCAGGAGGTTACAACCAAGGTATTATAGATTGTCTTATTCCCCAA 6444
E_pD_SPADESNODE_1441_length_7556     6341 CAGTTGCTCCAAATTTTCCTGGTGAACAATTGTTATTCTTCAGATCTTTCGTGCCATGCTCAGGAGGTTACAACCAAGGTATTATAGATTGTCTTATTCCCCAA 6444

                           Consensus
                                          CAGTTGCTCCAAATTTTCCTGGTGAACAATTGTTATTCTTCAGATCTTTCGTGCCATGCTCAGGAGGTTACAACCAAGGTATTATAGATTGTCTTATTCCCCAA

                           Occupancy

gi|1761024121|dbj|LC369255.1|        6449 GAATGGATCCAACACTTCTATCAGGAATCAGCACCCTCCCAGTCAGACGTGGCCCTAATCAGGTATGTCAACCCCGATACGGGACGTACACTGTTTGAAGCAAA 6552
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E_pA_MEGAHITk119_len=7596            6444 GAATGGATCCAACACTTCTATCAGGAATCAGCACCCTCCCAGTCAGACGTGGCCCTAATCAGGTATGTCAACCCCGATACGGGACGTACACTGTTTGAAGCAAA 6547
E_pD_MEGAHITk119_len=7589            6445 GAATGGATCCAACACTTCTATCAGGAATCAGCACCCTCCCAGTCAGACGTGGCCCTAATCAGGTATGTCAACCCCGATACGGGACGTACACTGTTTGAAGCAAA 6548
E_pC_SPADESNODE_1_length_7501        6445 GAATGGATCCAACACTTCTATCAGGAATCAGCACCCTCCCAGTCAGACGTGGCCCTAATCAGGTATGTCAACCCCGATACGGGACGTACACTGTTTGAAGCAAA 6548
E_pB_SPADESNODE_1_length_7502        6445 GAATGGATCCAACACTTCTATCAGGAATCAGCACCCTCCCAGTCAGACGTGGCCCTAATCAGGTATGTCAACCCCGATACGGGACGTACACTGTTTGAAGCAAA 6548
E_pC_MEGAHITk119_len=7594            6445 GAATGGATCCAACACTTCTATCAGGAATCAGCACCCTCCCAGTCAGACGTGGCCCTAATCAGGTATGTCAACCCCGATACGGGACGTACACTGTTTGAAGCAAA 6548
E_pA_SPADESNODE_1_length_7559        6445 GAATGGATCCAACACTTCTATCAGGAATCAGCACCCTCCCAGTCAGACGTGGCCCTAATCAGGTATGTCAACCCCGATACGGGACGTACACTGTTTGAAGCAAA 6548
E_pD_SPADESNODE_1441_length_7556     6445 GAATGGATCCAACACTTCTATCAGGAATCAGCACCCTCCCAGTCAGACGTGGCCCTAATCAGGTATGTCAACCCCGATACGGGACGTACACTGTTTGAAGCAAA 6548

                           Consensus
                                          GAATGGATCCAACACTTCTATCAGGAATCAGCACCCTCCCAGTCAGACGTGGCCCTAATCAGGTATGTCAACCCCGATACGGGACGTACACTGTTTGAAGCAAA

                           Occupancy

gi|1761024121|dbj|LC369255.1|        6553 ATTGCACAGATCTGGTTACATTACTGTGGCTCACTCTGGAGACTATCCTCTTGTTGTTCCGGCTAATGGACACTTTAGATTTGATTCTTGGGTAAATCAGTTTT 6656
E_pB_MEGAHITk119_len=7625            6549 GTTGCACAGATCTGGTTACATTACTGTGGCTCACTCTGGAGACTATCCTCTTGTTGTTCCGGCTAATGGACACTTTAGATTCGATTCTTGGGTAAATCAGTTTT 6652
E_pA_MEGAHITk119_len=7596            6548 GTTGCACAGATCTGGTTACATTACTGTGGCTCACTCTGGAGACTATCCTCTTGTTGTTCCGGCTAATGGACACTTTAGATTCGATTCTTGGGTAAATCAGTTTT 6651
E_pD_MEGAHITk119_len=7589            6549 GTTGCACAGATCTGGTTACATTACTGTGGCTCACTCTGGAGACTATCCTCTTGTTGTTCCGGCTAATGGACACTTTAGATTCGATTCTTGGGTAAATCAGTTTT 6652
E_pC_SPADESNODE_1_length_7501        6549 GTTGCACAGATCTGGTTACATTACTGTGGCTCACTCTGGAGACTATCCTCTTGTTGTTCCGGCTAATGGACACTTTAGATTCGATTCTTGGGTAAATCAGTTTT 6652
E_pB_SPADESNODE_1_length_7502        6549 GTTGCACAGATCTGGTTACATTACTGTGGCTCACTCTGGAGACTATCCTCTTGTTGTTCCGGCTAATGGACACTTTAGATTCGATTCTTGGGTAAATCAGTTTT 6652
E_pC_MEGAHITk119_len=7594            6549 GTTGCACAGATCTGGTTACATTACTGTGGCTCACTCTGGAGACTATCCTCTTGTTGTTCCGGCTAATGGACACTTTAGATTCGATTCTTGGGTAAATCAGTTTT 6652
E_pA_SPADESNODE_1_length_7559        6549 GTTGCACAGATCTGGTTACATTACTGTGGCTCACTCTGGAGACTATCCTCTTGTTGTTCCGGCTAATGGACACTTTAGATTCGATTCTTGGGTAAATCAGTTTT 6652
E_pD_SPADESNODE_1441_length_7556     6549 GTTGCACAGATCTGGTTACATTACTGTGGCTCACTCTGGAGACTATCCTCTTGTTGTTCCGGCTAATGGACACTTTAGATTCGATTCTTGGGTAAATCAGTTTT 6652

                           Consensus
                                          GTTGCACAGATCTGGTTACATTACTGTGGCTCACTCTGGAGACTATCCTCTTGTTGTTCCGGCTAATGGACACTTTAGATTCGATTCTTGGGTAAATCAGTTTT

                           Occupancy

gi|1761024121|dbj|LC369255.1|        6657 ACTCACTCGCCCCAATGGGAACTGGGAATGGGCGAAGGAGGGCTCAGTAATGGCTGGGGCTTTCATTGCAGGATTGGCAGGCGACATGCTCACGTCATCTGTGG 6760
E_pB_MEGAHITk119_len=7625            6653 ACTCACTCGCCCCAATGGGAACTGGGAATGGGCGAAGGAGGGCTCAGTAATGGCTGGGGCTTTCATTGCAGGATTGGCAGGCGACATGCTCACGTCATCTGTGG 6756
E_pA_MEGAHITk119_len=7596            6652 ACTCACTCGCCCCAATGGGAACTGGGAATGGGCGAAGGAGGGCTCAGTAATGGCTGGGGCTTTCATTGCAGGATTGGCAGGCGACATGCTCACGTCATCTGTGG 6755
E_pD_MEGAHITk119_len=7589            6653 ACTCACTCGCCCCAATGGGAACTGGGAATGGGCGAAGGAGGGCTCAGTAATGGCTGGGGCTTTCATTGCAGGATTGGCAGGCGACATGCTCACGTCATCTGTGG 6756
E_pC_SPADESNODE_1_length_7501        6653 ACTCACTCGCCCCAATGGGAACTGGGAATGGGCGAAGGAGGGCTCAGTAATGGCTGGGGCTTTCATTGCAGGATTGGCAGGCGACATGCTCACGTCATCTGTGG 6756
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E_pC_MEGAHITk119_len=7594            6653 ACTCACTCGCCCCAATGGGAACTGGGAATGGGCGAAGGAGGGCTCAGTAATGGCTGGGGCTTTCATTGCAGGATTGGCAGGCGACATGCTCACGTCATCTGTGG 6756
E_pA_SPADESNODE_1_length_7559        6653 ACTCACTCGCCCCAATGGGAACTGGGAATGGGCGAAGGAGGGCTCAGTAATGGCTGGGGCTTTCATTGCAGGATTGGCAGGCGACATGCTCACGTCATCTGTGG 6756
E_pD_SPADESNODE_1441_length_7556     6653 ACTCACTCGCCCCAATGGGAACTGGGAATGGGCGAAGGAGGGCTCAGTAATGGCTGGGGCTTTCATTGCAGGATTGGCAGGCGACATGCTCACGTCATCTGTGG 6756

                           Consensus
                                          ACTCACTCGCCCCAATGGGAACTGGGAATGGGCGAAGGAGGGCTCAGTAATGGCTGGGGCTTTCATTGCAGGATTGGCAGGCGACATGCTCACGTCATCTGTGG

                           Occupancy

gi|1761024121|dbj|LC369255.1|        6761 GCTCCCTTGTGAACGCAGGGGCAAACGCCATCAACCAAAAGATAGACTTTGAAAACAACAAACAACTCCAGTCTGCTTCCTTTCAGCATGATAAAGAGATGCTC 6864
E_pB_MEGAHITk119_len=7625            6757 GCTCCCTTGTGAACGCAGGGGCAAACGCCATCAACCAAAAGATAGACTTTGAAAACAACAAACAACTCCAGTCTGCTTCCTTTCAGCATGATAAAGAGATGCTC 6860
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E_pB_SPADESNODE_1_length_7502        6757 GCTCCCTTGTGAACGCAGGGGCAAACGCCATCAACCAAAAGATAGACTTTGAAAACAACAAACAACTCCAGTCTGCTTCCTTTCAGCATGATAAAGAGATGCTC 6860
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E_pD_SPADESNODE_1441_length_7556     6757 GCTCCCTTGTGAACGCAGGGGCAAACGCCATCAACCAAAAGATAGACTTTGAAAACAACAAACAACTCCAGTCTGCTTCCTTTCAGCATGATAAAGAGATGCTC 6860

                           Consensus
                                          GCTCCCTTGTGAACGCAGGGGCAAACGCCATCAACCAAAAGATAGACTTTGAAAACAACAAACAACTCCAGTCTGCTTCCTTTCAGCATGATAAAGAGATGCTC

                           Occupancy

gi|1761024121|dbj|LC369255.1|        6865 CAAGCGCAGGTGAGGGCAACCAAGCAGCTGCAATCTGAAATGATAGCCCTAAAACAGGGGGTTTTGGCCGCAGGCGGCTTTTCCCCCACTGATGCAGCAAGGGG 6968
E_pB_MEGAHITk119_len=7625            6861 CAAGCGCAGGTGAGGGCAACCAAGCAGCTGCAATCTGAAATGATAGCTCTAAAACAGGGGGTTTTGGCCGCAGGCGGCTTTTCCCCCACTGATGCAGCAAGGGG 6964
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                           Consensus
                                          CAAGCGCAGGTGAGGGCAACCAAGCAGCTGCAATCTGAAATGATAGCTCTAAAACAGGGGGTTTTGGCCGCAGGCGGCTTTTCCCCCACTGATGCAGCAAGGGG

                           Occupancy

gi|1761024121|dbj|LC369255.1|        6969 ATCCATTGGTGCACCCATGACAAAGGTGCTTGACTGGTCTGGCACTCGATACTGGGCGCCCAATTCCACAAAGACAACTGGCTATTCGGGACAATTCACCTCTT 7072
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E_pA_MEGAHITk119_len=7596            6964 ATCCATTGGTGCACCCATGACAAAGGTGCTTGACTGGTCTGGCACTCGATACTGGGCGCCCAATTCCACAAAGACAACTGGCTATTCGGGACAATTCACCTCTT 7067
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                           Consensus
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                           Occupancy
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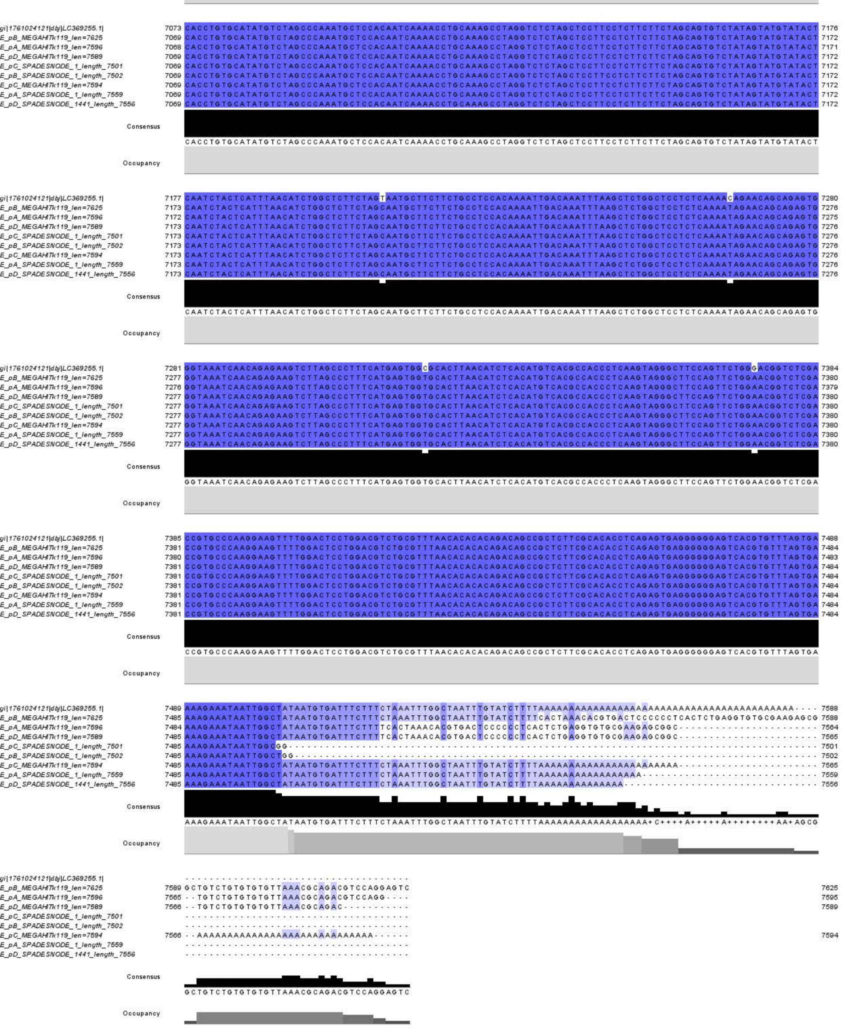

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gi|1761024121|dbj|LC369255.1|         7073 CACCTGTGCATATGTCTAGCCCAAATGCTCCACAATCAAAACCTGCAAAGCCTAGGTCTCTAGCTCCTTCCTCTTCTTCTAGCAGTGTCTATAGTATGTATACT 7176
E_pB_MEGAHITk119_len=7625             7069 CACCTGTGCATATGTCTAGCCCAAATGCTCCACAATCAAAACCTGCAAAGCCTAGGTCTCTAGCTCCTTCCTCTTCTTCTAGCAGTGTCTATAGTATGTATACT 7172
E_pA_MEGAHITk119_len=7596             7068 CACCTGTGCATATGTCTAGCCCAAATGCTCCACAATCAAAACCTGCAAAGCCTAGGTCTCTAGCTCCTTCCTCTTCTTCTAGCAGTGTCTATAGTATGTATACT 7171
E_pD_MEGAHITk119_len=7589             7069 CACCTGTGCATATGTCTAGCCCAAATGCTCCACAATCAAAACCTGCAAAGCCTAGGTCTCTAGCTCCTTCCTCTTCTTCTAGCAGTGTCTATAGTATGTATACT 7172
E_pC_SPADESNODE_1_length_7501         7069 CACCTGTGCATATGTCTAGCCCAAATGCTCCACAATCAAAACCTGCAAAGCCTAGGTCTCTAGCTCCTTCCTCTTCTTCTAGCAGTGTCTATAGTATGTATACT 7172
E_pB_SPADESNODE_1_length_7502         7069 CACCTGTGCATATGTCTAGCCCAAATGCTCCACAATCAAAACCTGCAAAGCCTAGGTCTCTAGCTCCTTCCTCTTCTTCTAGCAGTGTCTATAGTATGTATACT 7172
E_pC_MEGAHITk119_len=7594             7069 CACCTGTGCATATGTCTAGCCCAAATGCTCCACAATCAAAACCTGCAAAGCCTAGGTCTCTAGCTCCTTCCTCTTCTTCTAGCAGTGTCTATAGTATGTATACT 7172
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E_pD_SPADESNODE_1441_length_7556      7069 CACCTGTGCATATGTCTAGCCCAAATGCTCCACAATCAAAACCTGCAAAGCCTAGGTCTCTAGCTCCTTCCTCTTCTTCTAGCAGTGTCTATAGTATGTATACT 7172

                            Consensus
                                           CACCTGTGCATATGTCTAGCCCAAATGCTCCACAATCAAAACCTGCAAAGCCTAGGTCTCTAGCTCCTTCCTCTTCTTCTAGCAGTGTCTATAGTATGTATACT

                            Occupancy

gi|1761024121|dbj|LC369255.1|         7177 CAATCTACTCATTTAACATCTGGCTCTTCTAGTAATGCTTCTTCTGCCTCCACAAAATTGACAAATTTAAGCTCTGGCTCCTCTCAAAACAGAACAGCAGAGTG 7280
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E_pA_MEGAHITk119_len=7596             7172 CAATCTACTCATTTAACATCTGGCTCTTCTAGCAATGCTTCTTCTGCCTCCACAAAATTGACAAATTTAAGCTCTGGCTCCTCTCAAAATAGAACAGCAGAGTG 7275
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E_pB_SPADESNODE_1_length_7502         7173 CAATCTACTCATTTAACATCTGGCTCTTCTAGCAATGCTTCTTCTGCCTCCACAAAATTGACAAATTTAAGCTCTGGCTCCTCTCAAAATAGAACAGCAGAGTG 7276
E_pC_MEGAHITk119_len=7594             7173 CAATCTACTCATTTAACATCTGGCTCTTCTAGCAATGCTTCTTCTGCCTCCACAAAATTGACAAATTTAAGCTCTGGCTCCTCTCAAAATAGAACAGCAGAGTG 7276
E_pA_SPADESNODE_1_length_7559         7173 CAATCTACTCATTTAACATCTGGCTCTTCTAGCAATGCTTCTTCTGCCTCCACAAAATTGACAAATTTAAGCTCTGGCTCCTCTCAAAATAGAACAGCAGAGTG 7276
E_pD_SPADESNODE_1441_length_7556      7173 CAATCTACTCATTTAACATCTGGCTCTTCTAGCAATGCTTCTTCTGCCTCCACAAAATTGACAAATTTAAGCTCTGGCTCCTCTCAAAATAGAACAGCAGAGTG 7276

                            Consensus
                                           CAATCTACTCATTTAACATCTGGCTCTTCTAGCAATGCTTCTTCTGCCTCCACAAAATTGACAAATTTAAGCTCTGGCTCCTCTCAAAATAGAACAGCAGAGTG

                            Occupancy

gi|1761024121|dbj|LC369255.1|         7281 GGTAAATCAACAGAGAAGTCTTAGCCCTTTCATGAGTGGCGCACTTAACATCTCACATGTCACGCCACCCTCAAGTAGGGCTTCCAGTTCTGGGACGGTCTCGA 7384
E_pB_MEGAHITk119_len=7625             7277 GGTAAATCAACAGAGAAGTCTTAGCCCTTTCATGAGTGGTGCACTTAACATCTCACATGTCACGCCACCCTCAAGTAGGGCTTCCAGTTCTGGAACGGTCTCGA 7380
E_pA_MEGAHITk119_len=7596             7276 GGTAAATCAACAGAGAAGTCTTAGCCCTTTCATGAGTGGTGCACTTAACATCTCACATGTCACGCCACCCTCAAGTAGGGCTTCCAGTTCTGGAACGGTCTCGA 7379
E_pD_MEGAHITk119_len=7589             7277 GGTAAATCAACAGAGAAGTCTTAGCCCTTTCATGAGTGGTGCACTTAACATCTCACATGTCACGCCACCCTCAAGTAGGGCTTCCAGTTCTGGAACGGTCTCGA 7380
E_pC_SPADESNODE_1_length_7501         7277 GGTAAATCAACAGAGAAGTCTTAGCCCTTTCATGAGTGGTGCACTTAACATCTCACATGTCACGCCACCCTCAAGTAGGGCTTCCAGTTCTGGAACGGTCTCGA 7380
E_pB_SPADESNODE_1_length_7502         7277 GGTAAATCAACAGAGAAGTCTTAGCCCTTTCATGAGTGGTGCACTTAACATCTCACATGTCACGCCACCCTCAAGTAGGGCTTCCAGTTCTGGAACGGTCTCGA 7380
E_pC_MEGAHITk119_len=7594             7277 GGTAAATCAACAGAGAAGTCTTAGCCCTTTCATGAGTGGTGCACTTAACATCTCACATGTCACGCCACCCTCAAGTAGGGCTTCCAGTTCTGGAACGGTCTCGA 7380
E_pA_SPADESNODE_1_length_7559         7277 GGTAAATCAACAGAGAAGTCTTAGCCCTTTCATGAGTGGTGCACTTAACATCTCACATGTCACGCCACCCTCAAGTAGGGCTTCCAGTTCTGGAACGGTCTCGA 7380
E_pD_SPADESNODE_1441_length_7556      7277 GGTAAATCAACAGAGAAGTCTTAGCCCTTTCATGAGTGGTGCACTTAACATCTCACATGTCACGCCACCCTCAAGTAGGGCTTCCAGTTCTGGAACGGTCTCGA 7380

                            Consensus
                                           GGTAAATCAACAGAGAAGTCTTAGCCCTTTCATGAGTGGTGCACTTAACATCTCACATGTCACGCCACCCTCAAGTAGGGCTTCCAGTTCTGGAACGGTCTCGA

                            Occupancy

gi|1761024121|dbj|LC369255.1|         7385 CCGTGCCCAAGGAAGTTTTGGACTCCTGGACGTCTGCGTTTAACACACACAGACAGCCGCTCTTCGCACACCTCAGAGTGAGGGGGGAGTCACGTGTTTAGTGA 7488
E_pB_MEGAHITk119_len=7625             7381 CCGTGCCCAAGGAAGTTTTGGACTCCTGGACGTCTGCGTTTAACACACACAGACAGCCGCTCTTCGCACACCTCAGAGTGAGGGGGGAGTCACGTGTTTAGTGA 7484
E_pA_MEGAHITk119_len=7596             7380 CCGTGCCCAAGGAAGTTTTGGACTCCTGGACGTCTGCGTTTAACACACACAGACAGCCGCTCTTCGCACACCTCAGAGTGAGGGGGGAGTCACGTGTTTAGTGA 7483
E_pD_MEGAHITk119_len=7589             7381 CCGTGCCCAAGGAAGTTTTGGACTCCTGGACGTCTGCGTTTAACACACACAGACAGCCGCTCTTCGCACACCTCAGAGTGAGGGGGGAGTCACGTGTTTAGTGA 7484
E_pC_SPADESNODE_1_length_7501         7381 CCGTGCCCAAGGAAGTTTTGGACTCCTGGACGTCTGCGTTTAACACACACAGACAGCCGCTCTTCGCACACCTCAGAGTGAGGGGGGAGTCACGTGTTTAGTGA 7484
E_pB_SPADESNODE_1_length_7502         7381 CCGTGCCCAAGGAAGTTTTGGACTCCTGGACGTCTGCGTTTAACACACACAGACAGCCGCTCTTCGCACACCTCAGAGTGAGGGGGGAGTCACGTGTTTAGTGA 7484
E_pC_MEGAHITk119_len=7594             7381 CCGTGCCCAAGGAAGTTTTGGACTCCTGGACGTCTGCGTTTAACACACACAGACAGCCGCTCTTCGCACACCTCAGAGTGAGGGGGGAGTCACGTGTTTAGTGA 7484
E_pA_SPADESNODE_1_length_7559         7381 CCGTGCCCAAGGAAGTTTTGGACTCCTGGACGTCTGCGTTTAACACACACAGACAGCCGCTCTTCGCACACCTCAGAGTGAGGGGGGAGTCACGTGTTTAGTGA 7484
E_pD_SPADESNODE_1441_length_7556      7381 CCGTGCCCAAGGAAGTTTTGGACTCCTGGACGTCTGCGTTTAACACACACAGACAGCCGCTCTTCGCACACCTCAGAGTGAGGGGGGAGTCACGTGTTTAGTGA 7484

                            Consensus
                                           CCGTGCCCAAGGAAGTTTTGGACTCCTGGACGTCTGCGTTTAACACACACAGACAGCCGCTCTTCGCACACCTCAGAGTGAGGGGGGAGTCACGTGTTTAGTGA

                            Occupancy

gi|1761024121|dbj|LC369255.1|         7489 AAAGAAATAATTGGCTATAATGTGATTTCTTTCTAAATTTGGCTAATTTGTATCTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA---- 7588
E_pB_MEGAHITk119_len=7625             7485 AAAGAAATAATTGGCTATAATGTGATTTCTTTCTAAATTTGGCTAATTTGTATCTTTTCACTAAACACGTGACTCCCCCCTCACTCTGAGGTGTGCGAAGAGCG 7588
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E_pC_SPADESNODE_1_length_7501         7485 AAAGAAATAATTGGCGG--------------------------------------------------------------------------------------- 7501
E_pB_SPADESNODE_1_length_7502         7485 AAAGAAATAATTGGCTGG-------------------------------------------------------------------------------------- 7502
E_pC_MEGAHITk119_len=7594             7485 AAAGAAATAATTGGCTATAATGTGATTTCTTTCTAAATTTGGCTAATTTGTATCTTTTAAAAAAAAAAAAAAAAAAAAAAA----------------------- 7565
E_pA_SPADESNODE_1_length_7559         7485 AAAGAAATAATTGGCTATAATGTGATTTCTTTCTAAATTTGGCTAATTTGTATCTTTTAAAAAAAAAAAAAAAAA----------------------------- 7559
E_pD_SPADESNODE_1441_length_7556      7485 AAAGAAATAATTGGCTATAATGTGATTTCTTTCTAAATTTGGCTAATTTGTATCTTTTAAAAAAAAAAAAAA-------------------------------- 7556

                            Consensus
                                           AAAGAAATAATTGGCTATAATGTGATTTCTTTCTAAATTTGGCTAATTTGTATCTTTTAAAAAAAAAAAAAAAAAA+C++++A+++++A++++++++AA+AGCG

                            Occupancy

gi|1761024121|dbj|LC369255.1|              -------------------------------------
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E_pA_MEGAHITk119_len=7596             7565 --TGTCTGTGTGTGTTAAACGCAGACGTCCAGG---- 7595
E_pD_MEGAHITk119_len=7589             7566 --TGTCTGTGTGTGTTAAACGCAGAC----------- 7589
E_pC_SPADESNODE_1_length_7501              -------------------------------------
E_pB_SPADESNODE_1_length_7502              -------------------------------------
E_pC_MEGAHITk119_len=7594             7566 --AAAAAAAAAAAAAAAAAAAAAAAAAAAAA------ 7594
E_pA_SPADESNODE_1_length_7559              -------------------------------------
E_pD_SPADESNODE_1441_length_7556           -------------------------------------

                            Consensus
                                           GCTGTCTGTGTGTGTTAAACGCAGACGTCCAGGAGTC

                            Occupancy
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