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>Consensus2 len=409 tot-seq=17322  
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>Consensus3 len=296 tot-seq=8966  
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>Consensus4 len=382 tot-seq=6060  
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ACCGCATAACCATAGTTACCGCATGGTAACCTATGTAAAAGGTGGCTATGCTACCGCTTTT  
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>Consensus5 len=446 tot-seq=3878  
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CCACATTGGGACTGAGACACGGCCAGACTCCTGCGGGAGGCAGCAGTAGGGAATTTTCG  
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>Consensus6 len=466 tot-seq=3844  
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>Consensus7 len=490 tot-seq=3537  
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>Consensus8 len=448 tot-seq=3444

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>Consensus9 len=517 tot-seq=3044

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>Consensus10 len=493 tot-seq=2072

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>Consensus11 len=462 tot-seq=2038

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ATATTGGTCAATGGACGCAAGTCTGAACCAGCCAAGTAGCGTGCAGGATGACGGCCCTCC  
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>Consensus12 len=474 tot-seq=1988

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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TACCGGGGAAGGACATCCTTTCCCGGTCAAAGGAGCGATCCGGTGACGAATGGGCATGCG  
CCGCATTAGTTAGTTGGCGGTGTAACGGACCACCAAGACGACGATGCGTAGGGGTTCTGA  
GAGGAAGGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGT  
GAGGAATATTGGTCAATGGGCGAGAGCCTGAACCAGCCAAGTCGCGTGAGGGAAGACGGT  
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>Consensus13 len=462 tot-seq=1878

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TAGCTGGTTGGCGGGGTAACAGCCCACCAAGGCGACGATCAGTAGCCGGCCTGAGAGGGT  
GAACGGCCACATTGGGACTGAGACACGGCCAACTCCTACGGGAGGCAGCAGTGGGGAA  
TATTGCACAATGGGGAAACCCTGATGCAGCGACCCGCGTGAGTGAAGAAGTATTTTCG  
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>Consensus14 len=474 tot-seq=1773

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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TGCACCTATGGGACATCCTGTTGGTGCCAAAGGTTAATTCGGTGGCGGATGGGCATGCG  
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GAGGAAGTCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGT  
GAGGAATATTGGTCAATGGGCGGGAGCCTGAACCAGCCAAGTCGCGTGAGGGATGACGGC  
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>Consensus15 len=503 tot-seq=1703

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GGCCGAGGGAAGGCATCTTCTTTCCGGCAAAGGAGGCGACTCCGGAGACGGATGGGCATG  
CGTGACATTAGCTTGTGGCGGGTAACGGCCACCAAGGCGACGATGTCTAGGGGTTCT  
GAGAGGAAGTCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCA  
GTGAGGAATATTGGTCAATGGGCGAGAGCCTGAACCAGCCAAGTCGCGTGAAGGATGACG  
GCCCTACGGGTTGTAAACTCTTTTGTGAGGGAGCAAATGGGTCCACGTGTGGGCTTAGC  
GAGAGTACCTGAAGAAAAAGCAT

>Consensus16 len=476 tot-seq=1617

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GAAGCTGGACGGCATCGTCTGGTTTTGAAAGAATATCGGAGACGGATGGGCATGCGGGCGC  
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AAGTCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGAAGG  
AATATTGGTCAATGGGCGAGAGCCTGAACCAGCCAAGTCGCGTGAGGGAGTACTGCCCTA  
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>Consensus17 len=497 tot-seq=1537

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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ATTTGGAGACATCTCCGGGTTGTCAAAGGAGTGATCCGGCAGAGGATGGACATGCGGGCGC  
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AAGTCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGAAGG  
AATATTGGTCAATGGGCGGAAGCCTGAACCAGCCAAGTCGCGTGAGGGAAAGACGGTCCCTA  
TGGATTGTAAACCTCTTTTGCAGGGGAGCAAAGGCGCGGTACGTGTACCGCGAAGGAGAGT  
ACCCTGAGAAAAAGCAT

>Consensus18 len=447 tot-seq=1418

AGAGTTTGATCATGGCTCAGGATGAACGCTGGCGGCGTGCCTAACACATGCAAGTCGAAC  
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AGTAACGCGTGGGTAACCTGCCGTATACAGGGGGATAACAACCTGGAACAGTTGCTAAAA  
CCGCATAAGCGCACACTGTTGCATGACAGAGTGTGAAAAATTCGGGAGGTATACGATGGA  
CCCGCTCTGATTAGCCAGTTGGCAGGGTAACGGCCTACCAAAGCGACGATCAGTAGCCG  
GCCTGAGAGGGTGGACGGCCACATTGGGACTGAGACACGGCCAACTCCTACGGGAGGC  
AGCAGTGGGGGATATTGCACAATGGGGGAAACCCTGATGCAGCGACCGCCGCGTGAGTGAA  
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>Consensus19 len=509 tot-seq=1377

AGAGTTTGATCCTGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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CAACCCGAGGGGGCATCCCCTTGGGTTCAAAGGAGAGATCCGGTACCGGCTGGGCATGCG  
GCGCATTAGCTAGTTGGCGGGGCAACGGCCACCAAGGCGACGATGCGTAGGGGTTCTGA  
GAGGAAGGTCCCCCACACTGGAAGTGAACACGGTCCAGACTCCTACGGGAGGCAGCAG  
TGAGGAATATTGGTCAATGGGCGCAAGCCTGAACCAGCCAAGTCGCGTGAGGGAAGACGG  
CCCTACGGGTTGTAAACCTCTTTTGGCGGGGAGCAAGCCTGAGCACGTGTGCCAGGCGG  
AGAGTACCCGGAGAAAAAGCATCGGCTAA

>Consensus20 len=377 tot-seq=1234

AGAGTTTGATCATGGCTCAGGATGAACGCTGGCGGCGTGCCTAATACATGCAAGTCGAGC  
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ACGGGGACAACGATTGGAACGATCGCTAATACCGGATAGGACGAAAGTTTAAAGATGCT  
CCTGGCATCACTGATGGATGAGCCTGCGGCGCATTAGCTAGTTGGTGGGGTAAAGGCCTA  
CCAAGGCGACGATGCGTAGCCGACCTGAGAGGGTGAACGGCCACACTGGGACTGAGACAC  
GGCCAGACTCCTACGGGAGGCAGCAGTAGGGAATCTTCGGCAATGGGCGAAAGCCTGAC  
CGAGCAACGCCGCGTGA

>Consensus21 len=469 tot-seq=1202

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GAGGTCCTTCGGGACTCGAGTGGCGAACGGGTGAGTAACACGTAGGGAACCTGCCCGTG  
CGACCGGGGAGAACTTTCGAAACGGAAGCTGATACCGGATAGGGACAGAGACGGCATCGA  
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TTGGTGAAGTAACGGCCACCAAGGCGACGATGCATAGCCGGCCTGAGAGGGCGGACGGC  
CACACTGGGACTGAGACACGGCCAGACTCCTACGGGAGGCAGCAGTAGGGAATTTTCGT  
CAATGGGCGCAAGCCTGAACGAGCAATGCCGCGTGAACGAGGAAGGTCTTCGGATCGTAA  
AGTTCTGTTGAAGGGGAAAAAGAGCGGAGAGAGGAAATGGTCTCCGATT

>Consensus22 len=479 tot-seq=1130

AGAGTTTGATCCTGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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GTATGCAACCTGCCCCCTGCAGGAGGATAAACC GGAGAAAATCCCGACTAATACTGCATAA  
CACCTGGGGCCACATGGCTTCGGGGTCAAAGGAAGCAATTCGGGCAGGGGATGGGCATG  
CGGCGCATTAGCCAGTTGGCGGGGTAACGGCCACCAAAGCGACGATGCGTAGGGGTTCT  
GAGAGGAAGGTCCCCCACATTGGTACTGAGACACGGACCAAACCTCCTACGGGAGGCAGCA  
GTGAGGAATATTGGTCAATGGGCGCAAGCCTGAACCAGCCAAGTCGCGTGAGGGATGACC  
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>Consensus23 len=500 tot-seq=1026

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GGAATATTGGTCAATGGCCGAGAGGCTGAACCAGCCAAGTCGCGTGAGGGAAGAATGTCC  
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>Consensus24 len=440 tot-seq=1024

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CCAAAGTGAGGGATAACTACTCGAAAGAGTGGCTAATACCGCATATGATCTTCGGATTAA  
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CACCAAGTCGACGATCGTTAGATGGTTTGAAGGATGATCATCCAGACTGGGACTGAGAC  
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>Consensus25 len=481 tot-seq=1015

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GAGGAAGTCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGT  
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>Consensus26 len=479 tot-seq=1006

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CGACCTGAGAGGGTGGCCGGCCACATTGGGACTGAGACACGGCCAAACTCCTACGGGAG  
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>Consensus27 len=446 tot-seq=925

AGAGTTTGCATCATGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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GCGTCTGATTAGCCAGTTGGCAGGGTAACGGCCTACCAAAGCAACGATCAGTAGCCGGCT  
TGAGAGAGTGACCGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGCAGC  
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>Consensus28 len=436 tot-seq=754

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GCCCCGCTCTGATTAGCTGGTTGGCGGGGCAACGGCCCCACCAAGGCGACGATCAGTAGCC  
GGCCTGAGAGGGTGGGCGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGG  
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>Consensus29 len=507 tot-seq=717

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AGGAATATTGGTCAATGGCCGTAAGGCTGAACCAGCCAAGTAGCCTGAGGGAAGACTGCC  
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>Consensus30 len=479 tot-seq=686

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GATAGTTGGTGAAGTAACGGCTCACCAAGTCGACGATCAGTAGCCGACTGAGAGGTTGA  
ACGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGCAGCAGTGGGGGATA

TTGGACAATGGGGGAAACCCTGATCCAGCGATGCCGCGTGAGGGAAGAAGGTTTTTCGGAT  
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>Consensus31 len=493 tot-seq=667

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>Consensus32 len=474 tot-seq=648

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CCGCATAAGCCTGCTGTGCCGCATGGCACAGCAGGGAAAACACGGTGGTACAGGATGGG  
CCC GCGTCTGATTAGTTAGTTGGCAGGGTAACGGCCTACCAAGACAACGATCAGTAGCCG  
GCTTGAGAGAGTGGACGGCCACATTGGGACTGAGACACGGCCAGACTCCTGCGGGAGGC  
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>Consensus33 len=515 tot-seq=630

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GTAACGCGTGGGCAACCTGCCCGTACCGGGGGATAACAGCCGGAACGGCTGCTAATAC  
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GCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCAGCGCCGCGTGGGCGAGG  
AAGTACCTCGGTATGTAAAGCCCTATCAGCAGGGAAGAAAACAGGACAGTACCTGACTAAG  
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>Consensus34 len=505 tot-seq=574

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGGCAGGCTTAACACATGCAAGTCGAGG  
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ATGCAACCTACCCATTACAGGGGGATAACACTGAGAAAATCGGTACTAATACCCCATAAACA  
TCCAGGGAGGCATCTTCTTGGGTTGAAA ACTCCGGTGGTAATGGATGGGCATGCGTTGTA  
TTAGTTAGTTGGTGGGGTAACGGCTCACCAAGACAACGATACATAGGGGGACTGAGAGGT  
TAACCCCCACATTGGTACTGAGACACGGACCAA ACTCCTACGGGAGGCAGCAGTGAGGA  
ATATTGGTCAATGGACGCAAGTCTGAACCAGCCATGCCGCGTGCAGGAAGACGGCTCTAT  
GAGTTGTAAACTGCTTTTGTACGAGGGTAAACGCAGATACGTGTATCTGTCTGAAAGTAT  
CGTACGAATAAGGATCGGCTAACTC

>Consensus35 len=509 tot-seq=545

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCTACAGGCTTAACACATGCAAGTCGAGG  
GGCAGCATGAAAGTTTGCTTGCAA ACTTTTGATGGCGACCGGCGCACGGGTGAGTAACAC  
GTATCCAACCTGCCTCATACTCGGGGATAGCCTTTTCGAAAAGAAAGATTAATACCCGATGT  
CATAGTCCTACCGCATGATGGGATTATTAAGAATTTCCGGTATGGGATGGGGATGCGTTC  
CATTAGTTAGTTGGCGGGGTAACGGCCACCAGACAACGATGGATAGGGGTTCTGAGAG  
GAAGGTCCCCACATTGGA ACTGAGACACGGTCCAA ACTCCTACGGGAGGCAGCAGTGAG  
GAATATTGGTCAATGGACGAGAGTCTGAACCAGCCAAGTAGCCTGAAGGATGACTGCCCT  
ATGGGTTGTAAACTTCTTTTATATGGGAATAAAATGTTCCACGTGTGGGATTTTGTATGT  
ACCATATGAATAAGGATCGGCTAACTCCG

>Consensus36 len=493 tot-seq=544

AGAGTTTGATCCTGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
GGCAGCACGGGCAGCAATGCC TGGTGGCGACCGGCGCACGGGTGAGTAACGCGTATGCAA

CTTGCCTATCAGAGGGGAACAGCCCGGCGAAAGTCCGATTAATGCCCCATAAAACAGGGA  
TCCCGCATGGGGTTATTTGTTAAAGATTTCATCGCTGATAGATAGGCATGCGTTCCATTAG  
GCAGTTGGCGGGGTAACGGCCACCAAACCGACGATGGATAGGGGTTCTGAGAGGAAGGT  
CCCCACATTGGAAGTGAACACGGTCCAACTCCTACGGGAGGCAGCAGTGAGGAATAT  
TGGTCAATGGCCGTAAGGCTGAACCAGCCAAGTCCGCTGAAGGAAGAAGGATCTATGGTT  
TGTAAACTTCTTTTATAGGGGAATAAAGGTATCCACGTGTGGATATTTGCATGTACCCTA  
TGAATAAGCATCG

>Consensus37 len=517 tot-seq=528

AGAGTTTGATCCTGGCTCAGGATGAACGCTAGCGGCAGGCTTAACACATGCAAGTCCGGC  
GGCAGCGGGGTGGGAGCTTGCTCCCCTGCCGGCGAGCGGCGCACGGGTGAGTAACACGT  
ATGCAACCTGCCCCCTGTCAGGGGACAACCCGCCGAAAGGCGGGCTAAGCCCGGTATAT  
CGCCCCGGGGCATCCCCGGGGGAGGAAAGGAGCGATCCGGACAGGGATGGGCATGCGGCG  
CATTAGCTGGTCGGCGGGGTAACGGCCCACCGAGGCGACGATGCGTAGGGGTTCTGAGAG  
GAAGGCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGAG  
GAATATTGGTCAATGGGCGGGAGCCTGAACCAGCCAAGCCGCTGAGGGAAGAAGGTACA  
GCGTATCGTAAACCTCTTTTGTGAGGGAACAAAGGCGGGGACTAGTCCCCGGATGAGGGT  
ACCTGAAGAAAAAGCATCGGCTAACTCCGTGCCAGCA

>Consensus38 len=515 tot-seq=526

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGGCAGGCTTAACACATGCAAGTCCGAGG  
GGCAGCGGGGGCGCGCTTGCGCGTCCCGCCGGCGACCGGCGCACGGGTGAGTAACACGT  
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CCCCGGGGGCATCCCCGGGGGAGGAAAGCCCTTCTGGGCGGGCGGGGATGGGCATGCGG  
CGCATTAGGAAGACGGCGGTGTGACGGACCACCGTTCCGACGATGCGTAGGGGTTCTGAG  
AGGAAGGCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTG  
AGGAATATTGGTCAATGGCCGGAAGGCTGAACCAGCCAAGCCGCTGAGGGAGGAAGGCG  
CAGAGCGTCGCAGACCTCTTTTGCCGGGGGACAAAAGGCCGACTCGTCCGGTCTCTGAGG  
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>Consensus39 len=481 tot-seq=493

AGAGTTTGATCATGGCTCAGGATGAACGCTGGCGGCGTGCCTAACACATGCAAGTCCGAGC  
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GTAACGCGTGGGCAACCTGCCTTACACAGGGGGATAACAGTTAGAAATGACTGCTAATAC  
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CCGCGTCTGATTAGGTAGTTGGCGGGGTAACGGCCCACCAAGCCGACGATCAGTAGCCGA  
CCTGAGAGGGTGACCGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGCA  
GCAGTGGGGAATATTGCACAATGGGGGAAACCTGATGCAGCGACGCCGCTGAGCGATG  
AAGTATTTCCGGTATGTAAAGCTCTATCAGCAGGGAAGAAAATGACGGTACCTGACTAAGA  
A

>Consensus40 len=512 tot-seq=491

AGAGTTTGATCATGGCTCAGGACGAACGCTGGCGGCGTGCCTAACACATGCAAGTCCGAAC  
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CCGCATAACGTATTTTTACCGCATGATAGAAATACCAAACTGAGGTGCCGAAGGATGGG  
CTCGCGTTGGATTAGATAGTTGGTGGGGTAACGGCCTACCAAGTCCGACGATCCATAGCCG  
GACTGAGAGGTTGAACGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGC  
AGCAGTGGGGAATATTGCACAATGGGGGAAACCTGATGCAGCAACGCCGCTGAAGGAA  
GACGGTTTTTCGGATTGTAAACTTCTGTTCTTAGTGAAGAAGAATGACGGTAGCTAAGGAG  
CAAGCCACGGCTAACTACGTGCCAGCAGCCGC

>Consensus41 len=513 tot-seq=484

AGAGTTTGATCATGGCTCAGGATGAACGCTGGCGGCGTGCCTAACACATGCAAGTCCGAAC  
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GAGTAACGCGTGGGTAACCTGCCTTACACAGGGGGATAACACCTGGAAACAGGTGCTAAT  
ACCGCATAAGCGCACAGGGCCGCATGGCCCCGTGTGAAAACTCCGGTGGTGTAAGATGG  
ACCCGCGTCTGATTAGCTTGTGGCGGGTAGGGGCCACCAAGGCGACGATCAGTAGCC  
GGCCTGAGAGGGTGGACGGCCACATTGGGACTGAGACACGGCCCAAACCTCCTACGGGAGG

CAGCAGTGGGGATATTGGACAATGGGGGAAACCCTGATCCAGCGACGCCGCGTGAGTGA  
AGAAGTATTTTCGGTATGTAAAGCTCTGTCTCAGCAGGGAAGAAAGAAATGACGGTACCTGAC  
CAAGAAGCCCCGGCTAACTACGTGCCAGCAGCC

>Consensus42 len=481 tot-seq=481

AGAGTTTGATCCTGGCTCAGGATGAACGCTGGCGGCGTGCCTAACACATGCAAGTCGAAC  
GAAGCGCTCGGACGGAGTCTCTTCGGAGAGGAAGGCCGGGCGACTGAGTGGCGGACGGGT  
GAGTAACGCGTGGGCAACCTGCCCTGCACAGGGGGACAACAGCCGAAACGGCTGCTAAT  
ACCGCATAAGCGCACAGCTTCGCATGAAGCGGTGCGAAAAGCTTTGGCGGTGCAGGATGG  
GCCCCGCTCTGATTAGCTTGTGGCGGGGCAACGGCCACCAAGGCGACGATCAGTAGCC  
GGCCTGAGAGGGTGGACGGCCACATTGGGACTGAGACACGGCCAGACTCCTACGGGAGG  
CAGCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGCGA  
AGAAGTATTTTCGGTATGTAAAGCTCTATCAGCAGGGAAGAAATGACGGTACCTGAGTAA  
G

>Consensus43 len=482 tot-seq=469

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
GGCAGCGGGGGCGGTAGCAATACTGCCTGCCGGCGACCGGCGCACGGGTGAGTAACACGT  
ATGCAACCTACCCTTGTGTCAGGGGATAAGCCGGAGAAATCCGGTCTAATACCGCGTGACA  
TCGGGATTCCGCATGGGATTCGGATCAAAGGATTTATCCGGACAAGGATGGGCATGCGGC  
GCATTAGCTAGTTGGCGGGGTAACGGCCACCAAGGCGACGATGCGTAGGGGTTCTGAGA  
GGAAGGTCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGA  
GGAATATTGGTCAATGGGCGAGAGCCTGAACCAGCCAAGTCGCGTGAGGGAATAAGGTCC  
TATGGATTGTAAACCTCTTTTGTGGGGAGCAATGAGCGTCACGTGTGATGCGTTGAGAG  
TA

>Consensus44 len=509 tot-seq=465

AGAGTTTGATCATGGCTCAGGATGAACGCTGGCGGCGTGCCTAACACATGCAAGTCGAGC  
GGAGCACATCATTGGAATCCTTCGGGAGGAAGAGGATGTGGCTTAGCGGCGGACGGGTGA  
GTAACGCGTGGACAACCTGCCCTATGCAGGGGGATAACATCCGAAACGGGTGCTAATAC  
CGCATAAGCGCACAGTACCGCATGGTACGGTGTGAAAAGCTGAGGCGGCATAGGATGGGT  
CCGCGTTGGATTAGGCAGTTGGCGGGGTAACGGCCACCAAACCGACGATCCATAGCCGG  
CCTGAGAGGGTGGACGGCCACATTGGGACTGAGACACGGCCAGACTCCTACGGGAGGC  
GCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGGGTGAGG  
AAGTACTTTCGGTATGTAAAGCCCTATCAGCAGGGAAGAAATGACGGTACCTGACTAAGA  
AGCCCCGGCTAACTACGTGCCAGCAGCCG

>Consensus45 len=481 tot-seq=455

AGAGTTTGATCCTGGCTCAGAGTGAACGCTGGCGGCGTGCCTAATACATGCAAGTCGAAC  
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CATGCCCTTTAGTCTAGGATAGCCATTGGAAACGATGATTAATACTGGATACTCCTTACG  
AGGGAAAGTTTTTCGCTAAAGGATTGGTCTATGTCTATCAGCTTGTGGTGGTGGTAAATG  
GCTCACCAAGGCTATGACGGGTATCCGGCCTGAGAGGGTGAACGGACACACTGGAACCTGA  
GACACGGTCCAGACTCCTACGGGAGGCAGCAGTAGGGAATATTGCTCAATGGGGGAAACC  
CTGAAGCAGCAACGCCGCGTGGAGGATGAAGGTTTTTCGGATTGTAAACTCCTTTTGTTAG  
AGAAGATAATGACGGTATCTAACGAATAAGCACCGGCTAACTCCGTGCCAGCAGCCGCGG  
T

>Consensus46 len=515 tot-seq=417

AGAGTTTGATCCTGGCTCAGGATGAACGCTGGCGGCGTGCCTAACACATGCAAGTCGAAC  
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GAGTAACGCGTGGGCAACCTACCCACACAGGGGGACAACAGTTGGAAACGACTGCTAAT  
ACCGCATAGGCGCACAGCTTCGCATGAAGCAGTGTGGAAAACCGAGGTGGTGTGGGATGG  
GCCCCGCTCTGATTAGCTAGTTGGCGGGGTAACGGCCACCAAGGCGACGATCAGTAGCC  
GGCCTGAGAGGGTGGACGGCCACATTGGGACTGAGACACGGCCAAACTCCTACGGGAGG  
CAGCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGCGA  
AGAAGTATTTTCGGTATGTAAAGCTCTATCAGCAGGGAAGAAATGACGGTACCTGACTAA  
GAAGCCCCGGCTAAATACGTGCCAGCAGCCGCGGT

>Consensus47 len=486 tot-seq=391



AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGGCAGGCTTAACACATGCAAGTCGAGG  
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GAGCAACTTGCCCTCATCAGGGGAATAATCGCTGGAAACGGCGTCTAATGCCCCATGGTG  
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ATTAGCTAGACGGCGGGGTAACGGCCACCGTGGCGACGATGTCTAGGGGTTCTGAGAGG  
AAGGTCCCCACACTGGAAGTGAACACGGTCCAGACTCCTACGGGAGGCAGCAGTGAGG  
AATATTGGTCAATGGCCGGAAGGCTGAACCAGCCATGCCGCGTGAAGGTCAGTGCCCTAT  
GGCGTTAAACTTCTTTTGTGCGGGAGCAATAATGGTCACGTGTGGCCAGACGAGAGTAC  
CGTACG

>Consensus48 len=483 tot-seq=369

AGAGTTTGATCATGGCTCAGGATGAACGCGCGGCTGTGCCTAATACATGCAAGTCGTAC  
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GCGGACGGGTGAGTAACACGTAGGTAACCTGCCCCGGAGCGGGGATAACATTTGAAAC  
AGATGCTAATACCGCATAACAACAAAAGCCACATGGCTTTTGTGTTGAAAGATGGCTTTGG  
CTATCACTCTGGGATGGACCTGCGGTGCATTAGCTAGTTGGTAAGGTAACGGCTTACCAA  
GGCGATGATGCATAGCCGAGTTGAGAGACTGATCGGCCACAATGGAAGTGAACACGGTC  
CATACTCCTACGGGAGGCAGCAGTAGGGAATCTTCCACAATGGGCGCAAGCCTGATGGAG  
CAACACCGCGTGAGTGAAGAAGGGTTTCGGCTCGTAAAGCTCTGTTGTTGGAGAAGAAC  
TGC

>Consensus49 len=517 tot-seq=367

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCTACAGGCTTAACACATGCAAGTCGAGG  
GGCATCATGGGGTTCAGCTTGCTGACCCTGATGGCGACCGGCGCACGGGTGCCTAACCGCT  
ATCGAACCTGCCCCGTTACTCGGGGATAGCCTTGCGAAAGTAAGATTAATACCCGATGCCA  
TGAATTTTCCGCATGGTGGATTTCATGAAAGATTTATTGGTAACGGATGGCGATGCGTCCC  
ATTAGGCAGTAGGCGGGGTAACGGCCACCTAACCTACGATGGGTAGGGGTTCTGAGAGG  
AAGGTCCCCACACTGGAAGTGAACACGGTCCAGACTCCTACGGGAGGCAGCAGTGAGG  
AATATTGGTCAATGGCCGGGAGGCTGAACCAGCCAAGTAGCGTGCAGGATGACGGCCCTC  
GTGGTTGTAAACTGCTTTTAGTCCGGAATAAAAAGGGGGTTCGTGAACCCCGTATTGTATG  
TACCGTCAGAAAAAGGACCGGCTAATTCCGTGCCAGC

>Consensus50 len=522 tot-seq=363

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
GGCAGCGGGGCTCCGAGCAATCGGAGGCCGCGGCGACCGGTCAGGTAACCGC  
GTATGCAACCTGCCCCGTTACGCGGGATAACCCGGAGAAAATCCGGACTAATACCGCACGC  
GACCGGAGGGAGGCATCTCCCTCCGGTCAAAGGAGGCAACTCCGGAGCCGGATGGGCATG  
CGTGGCATTAGCTAGTTGGCGGGGTAACGGCCACCAAGGCGACGATGCCTAGGGGTTCT  
GAGAGGAAGGTCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCA  
GTGAGGAATATTGGTCAATGGGCGGGAGCCTGAACCAGCCAAGTCCGCGTGAGGGACGACG  
GCCCTACGGGTTGTAAACCTCTTTTGCCTGGGAGCAATCACCGCCACGTGTGGCGGGGGC  
GAGAGTACCCGGAGAAAAAGCATCGGCTAACTCCGTGCCAGC

>Consensus51 len=519 tot-seq=355

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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ATGCAACCTGCCCTCCGAGGGGGATAACCCGGAGAAAATCCGGACTAATACCGCGTGGTA  
CATCTGTGGGCATCCCACGGGTGTTAAAAGGAAGCGATTCCGGCGGAGGATGGGCATGC  
GGCGCATTAGCTAGTTGGCGGGGTAACGGCCACCAAGGCGACGATGCGTAGGGGTTCTG  
AGAGGAAGGTCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAG  
TGAGGAATATTGGTCAATGGGCGGGAGCCTGAACCAGCCAAGTCCGCGTGAGGGAAAGACGG  
TCCTATGGATTGTAAACCTCTTTAGGCGGGGAGCAATGCCGGGCACGCGTGCCCGGAGGG  
AGAGTACCCGCAGAAATAAGCATCGGCTAACTCCGTGCCA

>Consensus52 len=517 tot-seq=349

AGAGTTTGATCCTGGCTCAGGATGAACGCTGGCGGCGTGCCTAACACATGCAAGTCGAAC  
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AAAACCTGCCGTATACTGGGGGATAACACTTAGAAAATAGGTGCTAATACCGCATAAGCGC  
ACAGCTTCGCATGAAGCAGTGTGAAAAACTCCGGTGGTATACGATGGTTCCGCGTCTGAT

TAGCTAGTTGGTGAGGTAAAAGCCCACCAAGGCAACGATCAGTAGCCGGCCTGAGAGGGT  
GAACGGCCACATTGGGACTGAGACACGGCCAGACTCCTACGGGAGGCAGCAGTGGGGGA  
TATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTGAAGAAGTATTTGCG  
TACGTAAAGCTCTATCAGCAGGGAAGAAAAAGTCCACAGGACTTTGGACGGTACCTGAC  
TAAGAAGCCCCGGCTAACTACGTGCCAGCAGCCGCGG

>Consensus53 len=508 tot-seq=348

AGAGTTTGATCCTGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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GAGTAACGCGTGGGCAACCTACCCACACAGGGGGACAACAGCCGAAACGGCTGCTAAT  
ACCGCATAAGCGCACAGCCCCGCATGGGGCGGTGCGGAAAGCTCCGGCGGTGTGGGATGG  
GCCCCGCTCTGATTAGCTAGTTGGCGGGCAGCGGCCACCAAGGCGACGATCAGTAGCC  
GGCCTGAGAGGGCGGACGGCCACATTGGGACTGAGACACGGCCAGACTCCTACGGGAGG  
CAGCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGCGA  
AGAAGTATCTCGGTATGTAAAGCTCTATCAGCAGGGAAGAAAATGACGGTACCTGACTAA  
GAAGCTCCGGCTAAATACGTGCCAGCAG

>Consensus54 len=521 tot-seq=321

AGAGTTTGATCATGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
GGAGCCTTAACCAAAGAAGCAGCCAGCTTGCTGGAAGCGGAAAAGGGAAAGGCTTAGTGG  
CGGACGGGTGAGTAACGCGTGGGTAACCTGGCCCATAACAGGGGGATAAACAATTAGAAATA  
GGTGCTAATACCGCATAACAACAGAAAGCGCATGCTTTTTGTTTAAAACCAAGGTGGTA  
TGGGATGGACCCGCGTCTGATTAGCTGGTTGGCGGGGTAAAGGCCACCAAGGCGACGAT  
CAGTAGCCGGCCTGAGAGGGTGGACGGCCACATTGGGACTGAGACACGGCCAAACTCCT  
ACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGC  
GTGAGTGAAGAAGTAATTCGTTATGTAAAGCTCTATCAGCAGGGAAGAAAATGACGGTAC  
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>Consensus55 len=512 tot-seq=320

AGAGTTTGATCCTGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAGC  
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CGCATAAGACCACGGTACTGCATGGTACAGAGGTAAAAACTGAGGTGGTGTAAGATGGGC  
CCGCGTCTGATTAGGTAGTTGGTGGGGTAGAAGCCTACCAAGCCGACGATCAGTAGCCGA  
CCTGAGAGGGCGACCCGGCCACATTGGGACTGAGACACGGCCAAACTCCTACGGGAGGCCA  
GCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTGAGG  
AAGTATTTCCGTATGTAAAGCTCTATCAGCAGGGAAGAAAATGACGGTACCTGACTAAGA  
AGCCCCGGCTAACTACGTGCCAGCAGCCGCGG

>Consensus56 len=488 tot-seq=319

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGACAGGCCTAACACATGCAAGTCGAGG  
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TATCGTGAAGCTGCATGGTTTTGCGATTAAAGGAGCGATCCGGTGACGGATGGGCATGCG  
TGACATTAGCTAGTCGGCGGGGTAACGGCCACCGAGGCGACGATGTCTAGGGGTTCTGA  
GAGGAAGGTCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGT  
GAGGAATATTGGTCAATGGGCTTACGCCTGAACCAGCCAAGTCGCGTGAGGGAAGACTGC  
CCTATGGGTTGTAAACCTCTTTTGTACAGGGAGCAACGCCGGCTACGTGTAGCCGGACTGA  
GAGTACCT

>Consensus57 len=510 tot-seq=310

AGAGTTTGATCATGGCTCAGGATAAACGCTGGCGGCATGCCTAACACATGCAAGTCGAAC  
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CCCGCGTCTGATTAGCTTGTGGCGGGGTAACGGCCACCAAGGCGACGATCAGTAGCCG  
GCTTGAGAGAGCGGACGGCCACATTGGGACTGAGACACGGCCAGACTCCTGCGGGAGGC  
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GAAGTACCCCGGTATGTAAAGCCCTGTCAGCAGGGAAGAAAATGACGGTACCTGACTAAG

AAGCCCCGGCTAACTACGTGCCAGCAGCCG  
>Consensus58 len=530 tot-seq=309  
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GTATGGAACCTGCCCCGCCACAGGGGATAACCCGGGAAACCCGGCCTAATACCCCATGC  
CGCCCGGACCGGGCATCCGGACCGGGCGAAAGGAGGAATCCGGTGGCGGCTGGGCATGCG  
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GAGGAAGCCCCCCCCACACTGGAAGTGAACACGGTCCAGACTCCTACGGGAGGCAGCAG  
TGAGGAATATTGGTCAATGGGCGGAAGCCTGAACCAGCCAAGTCGCGTGAGGGAATAAGG  
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>Consensus59 len=517 tot-seq=303  
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GAGTAACGCGTGGGCAACCTGCCCCATACCGGGGGATAACAGCCGGAACGGCTGCTAAT  
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CAGCAGTGGGGAATATTGCACAATGGGGGAAACCTGATGCAGCGACGCCGCGTGAGCGA  
TGAAGTATCTCGGTATGTAAAGCTCTATCAGCAGGGAAGAAAGTGACAGTACCTGACTAA  
GAAGCCCCGGCTAACTACGTGCCAGCAGCCGCGGTAA

>Consensus60 len=502 tot-seq=301  
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GTAACGCGTGGATAAACCTGCCTCATAAGGGGGATAACAGTTAGAAATGACTGCTAATAC  
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CCGCGTCTGATTAGCTGGTTGGTGAAGTAACGGCCACCAAGGCGACGATCAGTAGCCGA  
CCTGAGAGGGTGGCCGGCCACATTGGGACTGAGACACGGCCAAACTCCTACGGGAGGCA  
GCAGTGGGGAATATTGCACAATGGGGGAAACCTGATGCAGCAACGCCGCGTGAGTGAAG  
AAGTATTTCCGTATGTAAAGCTCTATCAGCAGGGAAGAAAGACGGTACCTGACTAAG  
AAGCCCCGGCTAACTACGTGCC

>Consensus61 len=521 tot-seq=297  
AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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GTATGGAACCTGCCCTATGCAGGGGGATAAGCGGAAGAAAATCCGTCTAATACCGCATAA  
CACCATTTGGAGACATCTCCAGGTGGTCAAAGGAGGCGACTCCGGCATAGGATGGCCATG  
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GAGAGGAAGGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCA  
GTGAGGAATATTGGTCAATGGGCGCAAGCCTGAACCAGCCAAGTCGCGTGAGGGAAAGACG  
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>Consensus62 len=494 tot-seq=294  
AGAGTTTGATCATGGCTCAGATTGAACGCTGGCGGAACGCTTTACACATGCAAGTCGAAC  
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ATCGGAACGTGTCCGCTCGTGGGGGACAACCATCCGAAAGGATGGCTAATACCGCATGAG  
TTCTACGGAAGAAAGAGGGGGACCTGCTTGACGGCCTCTCGCGAGCGGAGCGGCCGATGA  
CTGATTAGCCGGTTGGTGAAGTAACGGCTCACAAAGCAACGATCAGTAGCTGGTCTGAG  
AGGACGACCAGCCACACTGGGACTGAGACACGGCCAGACTCCTACGGGAGGCAGCAGTG  
GGGAATTTTGGACAATGGGCGCAAGCCTGATCCAGCTATTCGCGGTGTGGGATGACGGCC  
CTCGGGTTGTAAACCACTTTAGTAGAGAACGAAAAGGAGCTATCGAATAAATAGCTCTGC  
TGACGGTACTCTAA

>Consensus63 len=498 tot-seq=291  
AGAGTTTGATCATGGCTCAGGATGAACGCTGGCGGCGTGCCCTAACACATGCAAGTCGAAC  
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GAGTAACGCGTGAGCAACCTGCCCTGCACTGGGGGACAACAGCTGGAAACGGCTGCTAAT  
ACCGCATAGGCGCACAGCCCCGCATGGGGCGGTGTGGAAAGTAATACGGTGCAGGATGGG  
CTCGCGTCTGATTAGCTTGTGGCGGGGCAACGGCTCACCAAGGCGACGATCAGTAGCCG  
GCCTGAGAGGGTGGACGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGC  
AGCAGTGGGGGATATTGCACAATGGGGGGAACCCTGATGCAGCGACGCCGCGTGGGCGAT  
GGAGTACTTCGGTATGTAAAGCCCTATCAGCAGGGAAGAAAATGACGGTACCTGACTAAG  
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>Consensus64 len=499 tot-seq=289

AGAGTTTGCATCATGGCTCAGGACGAACGCTGGCGGCACGCCTAACACATGCAAGTCGAAC  
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CCTGCCTCTGAGAGAGGGATAGCTTCTGGAAACGGATGGTAATACCTCATAACATATTTA  
AATCGCATGATTTGGATATCAAAGAAATTCGCTCAGAGATGGGCTCGCGTCTGATTAGAT  
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GCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTG  
CACAATGGGGGGAACCCTGATGCAGCGATGCCGCGTGGAGGAAGAAGTTTTTCGGATTGT  
AAACTCCTTTTATCAGGGACGATAATGACGGTACCTGAAGAAAAGCTCCGGCTAACTAC  
GTGCCAGCAGCCGCGGTAA

>Consensus65 len=503 tot-seq=288

AGAGTTTGCATCCTGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
GAAGCACTACCGACGGAACTTTTTCGGAGGGAAGATGGTAATGACTGAGTGGCGGACGGGT  
GAGTAACGCGTGGGCAACCTGCCCCATAGAGGGGGACAACAGCTGGAAACGGCTGCTAAT  
ACCGCATAACAAGGAGAGAGCGCATGTTCTTTTCTTCAAAGATTTATCGCTATGGGATGG  
ACCCGCGTCTGATTAGCTGGTTGGTGGAGTAACGGCTCACCAAGGCGACGATCAGTAGCC  
GGCTTGAGAGAGTGGACGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGG  
CAGCAGTGGGGAATATTGCACAATGGGGGGAACCCTGATGCAGCGACGCCGCGTGGAGTA  
AGAAGTATTTTCGGTATGTAAAGCTCTATCAGCAGGGAAGATAATGACGGTACCTGACTAA  
GAAGCCCCGGCTAACTACGTGCC

>Consensus66 len=519 tot-seq=279

AGAGTTTGCATCATGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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GAGTAACGCGTGGGTAACCTGCCTTACACTGGGGGATAACACTTAGAAATAGGTGCTAAT  
ACCGCATAAGCGCACGAAGCCGCATGGATTTGTGTGAAAAACTCCGGTGGTGTAAAGATGG  
ACCCGCGTCTGATTAGCTTGTGGCGGGGTAACGGCCCACCAAGGCGACGATCAGTAGCC  
GGCCTGAGAGGGTGGACGGCCACATTGGGACTGAGACACGGCCCAAACTCCTACGGGAGG  
CAGCAGTGGGGGATATTGGACAATGGGGGGAACCCTGATCCAGCGACGCCGCGTGGAGTA  
AGAAGTATTTTCGGTATGTAAAGCTCTGTGAGCAGGGAAGAAAGAAATGACGGTACCTGAC  
CAAGAAGCCCCGGCTAACTACGTGCCAGCAGCCGCGGTAA

>Consensus67 len=517 tot-seq=277

AGAGTTTGCATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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GGAACCTGCCCGCAGCAGGGGGATAAGCGGAAGAAATTCGGTCTAATACCGCGTAACACC  
GCGGAGGGGCATCCCTCGGCGGTTAAAGATTCATCGGCTGCGGATGGCCATGCGGCGCAT  
TAGCTAGTCGGCGGGGTAACGGCCCACCGAGGCGACGATGCGTAGGGGTTCTGAGAGGAA  
GGTCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGAGGAA  
TATTGGTCAATGGCCGGGAGGCTGAACCAGCCAAGTCGCGTGAGGGAAGACGGCCCTACG  
GGTTGTAAACCTCTTTTGTGAGGGAGCAAGAGGCGGGTCGGGACCTGCTGTGAGAGTACC  
TGAAGAAAAGCATCGGCTAACTCCGTGCCAGCAGCC

>Consensus68 len=510 tot-seq=258

AGAGTTTGCATCCTGGCTCAGGACGAACGCTGGCGGCGGCCTAACACATGCAAGTCGAAC  
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AGTAACACGTGAGCAACCTGCCTTTCAGAGGGGGATAACAGTTGGAACGACTGCTAATA  
CCGCATAACGCTGCGATGGGGCATCCCGATGCAGCCAAAGGAGCAATCCGCTGGAAGATG  
GGCTCGCGGCCGATTAGCTAGTTGGTGGGGCAACGGCCCACCAAGGCGACGATCGGTAGC  
CGGACTGAGAGGTTGATCGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAG

GCAGCAGTGGGGGATATTGCACAATGGAGGAACTCTGATGCAGCGACGCCGCGTGAGGG  
AAGACGGTCTTCGGATTGTAAACCTCTGTCTTTGGGGAAGAAAATGACGGTACCCAAAGA  
GGAAGCTCCGGCTAACTACGTGCCAGCAGC

>Consensus69 len=522 tot-seq=255

AGAGTTTGATCCTGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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GTATGCAACCTGGCCGTCACAGGTGGATAACCGGAAGAAATCCGACTAATACAGCATAA  
CACTCCTGAGGGACATCCTTCGGGGGTCAAAGGAGGCGACTCCGGTGACGGATGGGCATG  
CGGCGCATTAGGTAGTTGGTAGGGTAACGGCCTACCAAGCCGACGATGCGTAGGGGTTCT  
GAGAGGAAGGTCCCCACATTGGAAGTGAAGACACGGTCCAACTCCTACGGGAGGCAGCA  
GTGAGGAATATTGGTCAATGGCCGGAAGGCTGAACCAGCCAAGTCGCGTGAGGGGAATAAG  
GCCCTATGGGTCGTAAACCTCTTTTGTTCAGGGAGCAAAGGCGTCCACGAGTGGACGAAAG  
GAGAGTACCTGAAGAAAAAGCATCGGCTAACTCCGTGCCAGC

>Consensus70 len=525 tot-seq=254

AGAGTTTGATCCTGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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GTAACCTGCCCTATGCAGGGGAATAACCCGGAGAAATCCGGCCTAATACCGCGTAACACC  
TTTCGGGAGCATTCTCTGGGAGGTTAAAGGAGAGATCCGGCATAGGATGGACATGCGTTCGC  
ATTAGGTAGACGGCGGGGTAACGGCCACCCTGCCGACGATGCGTAGGGGTTCTGAGAGG  
AAGGCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGAGG  
AATATTGGTCAATGGCCGAGAGGCTGAACCAGCCAAGTCGCGTGAGGGGAAGAATGTCTTA  
AGGATTGTAAACCTCTTTTGTTCGGGAGCAAAGGCTCTGCGGAGTCGTATTGAGAGTA  
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>Consensus71 len=512 tot-seq=239

AGAGTTTGATCCTGGCTCAGGATGAACGCTAGCGGCAGGCTTAACACATGCAAGTCGCGG  
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GAGCAACATGCCCGTCTCAGGGGATAACCGGTGGAAACGCCGCTAATACCCCATGGCC  
ATATATTGAGGCATCTTGATATATCTAAAGCTCCGGCGGAGACGGATTGGCTCGCGTGAC  
ATTAGCTGGACGGCGGGGTAACGGCCACCCTGGCTACGATGTCTAGGGGTTCTGAGAGG  
AAGGTCCCCCACACTGGAAGTGAAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGAGG  
AATATTGGTCAATGGCCGAGAGGCTGAACCAGCCATGCCGCGTGAAGGCGAGTGCCCTAC  
GGCGTTAAACTTCTTTTGTTCGGGAGCAATAAGGGCCACGTGTGGCCCGATGAGAGTAC  
CGCACGAATAAGCATCGGCTAACTCCGTGCCA

>Consensus72 len=508 tot-seq=227

AGAGTTTGATCCTGGCTCAGGACGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
GGAGCACCCCTGAAGGAGTTTTTCGGACAACGGATGGGAATGCTTAGTGGCGGACTGGTGA  
GTAACGCGTGAGGAACCTGCCCTCCAGAGGGGGACAACAGTTGGAAACGACTGCTAATAC  
CGCATGATGCGTTGGAGCCGCATGACTCTGACGCCAAAAGATTTATCGCTGGAAGATGGCC  
TCGCGTCTGATTAGCTAGTTGGTGAAGTAACGGCCACCAGGCGACGATCAGTAGCCGG  
ACTGAGAGGTTGGCCGGCCACATTGGGACTGAGATACGGCCAGACTCCTACGGGAGGCA  
GCAGTGGGGAATATTGGGCAATGGGCGCAAGCCTGACCCAGCAACGCCGCGTGAAGGAAAG  
AAGGCTTTCGGGTTGTAAACTTCTTTTAAAGGGGAAGAGCAGAAGACGGTACCCCTTGAA  
TAAGCCACGGCTAACTACGTGCCAGCAG

>Consensus73 len=520 tot-seq=225

AGAGTTTGATCATGGCTCAGGATGAACGCTGGCGGCGTGCCCTAATACATGCAAGTCGAAC  
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AGGGGGATAACGACCCGAAACGGACGCTAAAACCGCATAGGCTGGGAGATCGCATGAGAA  
TCCAGTTAAATGTCTGAAAGGGACAGGCAAAGGAGGGACTTATCACGCATTAGCTAGTT  
GGTGGGGCAACGGCCTACCAAGGCGACGATGCGTAGCCGGCCTGAGAGGGCGGACGGCCA  
CACTGGGACTGAGACACGGCCAGACTCCTACGGGAGGCAGCAGTAGGGAATTTTCGGCA  
ATGGGCGAAAGCCTGACCGAGCAACGCCGCGTGAACGAAGAAGTCTTCGGATTGTAAAG  
TTCTGTTATAGAGGAAGAACGGTGTACGTAGGAAATGACGTACAAGTGACGGTACTCTGT  
GAGGAAGCCACGGCTAACTACGTGCCAGCAGCCGCGGTA

>Consensus74 len=513 tot-seq=221

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGGCAGGCCTAACACATGCAAGTCGAGG  
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ATGTAACCTACCTTTGACAGGGGGATAACATCGAGAAAATTGGTACTAATACCCCATAA  
TCACCGGAGGCATCTTCGGTGGTTGAAAACCTCAGGTGGTCAGAGATGGACATGCGTTGTA  
TTAGCTAGTTGGTGAAGTAACGGCTCACCAAGGGCAGGATAACATAGGGGGACTGAGAGGT  
CAACCCCCACACTGGTACTGAGACACGGACAAACTCCTACGGGAGGCAGCAGTGAGGAA  
TATTGGTCAATGGACGCAAGTCTGAACCAGCCATGCCGCGTGACGGAAGACGGCTCTATG  
AGTTGTAAACTGCTTTTGTACGAGGGTAAATCCCCGATACGTGTATCGGGTTGAAAGTATC  
GTACGAATAAGGATCGGCTAACTCCGTGCCAGC

>Consensus75 len=515 tot-seq=221

AGAGTTTGATCATGGCTCAGGACGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
GGAGCACCCCTTGAAAGAGATTTTCGGTCAATGGATAGGAATGCTTAGTGGCGGACTGGTGA  
GTAACGCGTGAGGAACCTGCCTTCCAGAGGGGGACAACAGTTGGAAACGACTGCTAATAC  
CGCATGACACATGACCGTGGCATCACGGACATGTCAAAGATTTATCGCTGGAAGATGGCC  
TCGCGTCTGATTAGCTGGTAGGCGGGTAACGGCCCCACCTAGGCGACGATCAGTAGCCGG  
ACTGAGAGGTTGACCGGCCACATTGGGACTGAGATACGGCCCAGACTCCTACGGGAGGCA  
GCAGTGGGGAATATTGGGCAATGGGCGCAAGCCTGACCCAGCAACGCCGCGTGAAGGAAG  
AAGGCTTTCGGGTTGTAACCTTCTTTTAAGGGGGAAGAGGAGAAGACGGTACCCCTTGAA  
TAAGCCACGGCTAACTACGTGCCAGCAGCCGCGGT

>Consensus76 len=514 tot-seq=212

AGAGTTTGATCATGGCTCAGGACGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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GGACGGGTGAGTAACGCGTGAGCAACCTGCCTTTCAGAGGGGGATAACGTTTGAAACGA  
ACGCTAATACCGCATAAGACCACACTTCCACATGGGAGAGGGGTCAAAGGAGCAATCCGC  
TGAAAGATGGGCTCGCGTCCGATTAGATAGTTGGGGGGTAACGGCCACCAAGTCGACGAT  
CGGTAGCCGGACTGAGAGGTTGAACGGCCACATTGGGACTGAGACACGGCCCAGACTCCT  
ACGGGAGGCAGCAGTGAGGGATATTGGTCAATGGGGGAAACCCTGAACCAGCAACGCCGC  
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CAGAGGAGGAAGCTCCGGCTAACTACGTGCCAGC

>Consensus77 len=516 tot-seq=210

AGAGTTTGATCATGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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GTAACGCGTGGGTAACCTGCCCTGTACAGGGGGATAACACTTAGAAATAGGTGCTAAAAAC  
CGCATAAGCGCACAGTACCGCATGGTACAGTGTGAAAAACTCCGGTGGTACAGGATGGAC  
CCGCGTCTGATTAGCTGGTTGGAGGGGTAACGGCCCCACCAAGGCGACGATCAGTAGCCGG  
CCTGAGAGGGTGAACGGCCACATTGGGACTGAGACACGGCCCCAACTCCTACGGGAGGCA  
GCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTGAAG  
AAGTATTTTCGGTATGTAAAGCTCTATCAGCAGGGAAGATAATGACGGTACCTGAGTAAGA  
AGCCCCGGCTAACTACGTGCCAGCAGCCGCGGTAAT

>Consensus78 len=514 tot-seq=209

AGAGTTTGATCCTGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAGC  
GAAGCGCGCCCCGGAATCCTTCGGGAGGAAGGGTCGCGACTGAGCGGCGGACGGGTGAGT  
AACGCGTGGGCAACCTGCCCCATACAGGGGGACAACGGCCGGAACGGCCGCTAATACCG  
CATGATTCCTCTTGGCCGATGGCCGGGAGGGGAAAGCCGAGACGGTATGGGATGGACCC  
GCGTCTGATTAGCTGGTTGGCGAGGTAACGGCTCACCAAGGCGACGATCAGTAGCCGGCC  
TGAGAGGGCGACCGGCCACATTGGGACTGAGACACGGCCCCAACTCCTACGGGAGGCAGC  
AGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAAGGACGAA  
GTATTTTCGGTACGTAAACTTCTATCAGCAGGGAAGAAAAATGACGGTACCTGACCAAGAAG  
CCCCGGCTAACTACGTGCCAGCAGCCGCGGTAAT

>Consensus79 len=527 tot-seq=204

AGAGTTTGATCCTGGCTCAGGATGAACGCTAGCGGCAGGCTTAACACATGCAAGTCGAAG  
GGCAACGGGGAGAGTGCTTGCACTCTCTGCCGGCGACTGGCGCACGGGTGAGTAACACGT  
ATGCAACCTGCCCTCCACAGGGGGACAACCTTCCGAAAGGGAGGCTAATCCCGCGTATAT  
CCCTTGGGGGCATCCTTGGGGGAGGAAAGGATTACCGGTGGAGGATGGGCATGCGGCGCA

TTAGGCAGTAGGCGGGGTAACGGCCCACCTAACCGACGATGCGTAGGGGTTCTGAGAGGA  
AGGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGAGG  
AATATTGGTCAATGGGCGGGAGCCTGAACCAGCCAAGCCGCGTGAAGGAAGAAGGCGCCA  
AGCGTCGTAAACTTCTTTTGTCTGGGGAACAAAGGGCGCCACGTGTGGCGTTGTGAGTGTA  
CCCGAAGAAAAAGCATCGGCTAACTCCGTGCCAGCAGCCGCGGTAAT

>Consensus80 len=526 tot-seq=204

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGGCAGGCTTAACACATGCAAGTCGAGG  
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ATGCAACCTGCCCTCTTCAGGGGGACAACCTTCCGAAAGGGAGGCTAATCCCGCGTATAT  
CGGTTTCGGGCATCCGAGATCGAGGAAAGATTTCATCGGAAGAGGATGGGCATGCGGCGCA  
TTAGCTTGACGGCGGGGTAACGGCCCACCGTGGCGACGATGCGTAGGGGTTCTGAGAGGA  
AGGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGAGGA  
ATATTGGTCAATGGGAGAGATCCTGAACCAGCCAAGCCGCGTGAGGGAAGACGGCCCTAT  
GGGTTGTAAACCTCTTTTGTCTGGGAGAACAAAACCCGGGACGAGTCCCGGACTGCGTGAT  
CCGAAGAAAAAGCATCGGCTAACTCCGTGCCAGCAGCCGCGGTAAT

>Consensus81 len=528 tot-seq=201

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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GTATGCAACCTGCCCCTGGCAGGGGGATAAGCGGGGGAAACCCCGTCTAATACCGCGTAA  
CGCGGCCTAGGGACATCCCAAGGCCGCCAAAGGGAGCAATCCCGGCCACGGATGGGCATG  
CGGCGCATTAGCTAGTCGGCGGGGTAACGGCCCACCGAGGCGACGATGCGTAGGGGTTCT  
GAGAGGAAGGCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCA  
GTGAGGAATATTGGTCAATGGGCGCGAGCCTGAACCAGCCAAGTCGCGTGAGGGATGACG  
GCCCTACGGGTTGTAAACCTCTTTTGTCTGGGAGCAACGGGCGTCACGTGTGGCGCCACT  
GAGAGTACCCGGAGAAAAAGCATCGGCTAACTCCGTGCCAGCAGCCGCG

>Consensus82 len=517 tot-seq=196

AGAGTTTGATCCTGGCTCAGGATGAACGCTGGCGGCGTGCCTAACACATGCAAGTCGAAC  
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GAGTAACGCGTGGGCAACCTACCCCGCACTGGGGGACAACAGCCGGAAACGGCTGCTAAT  
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GCCC GCGTCTGATTAGCTTGTTGGCGGGGCAACGGCCCACCAAGGCGACGATCAGTAGCC  
GGCCTGAGAGGGTGGGCGGCCACATTGGGACTGAGACACGGCCCAAACCTCCTACGGGAGG  
CAGCAGTGGGGGATATTGCACAATGGGGGAAACCTGATGCAGCGACGCCGCGTGGGCGA  
TGGAGCGCCTCGGCGCGTAAAGCCCTATCAGCAGGGAAGAAGATGACGGTACCTGACTAA  
GAAGCCCCGGCTAAATACGTGCCAGCAGCCGCGGTAA

>Consensus83 len=519 tot-seq=194

AGAGTTTGATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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CTTTCCGGAGACATCTCCGGGGATTCAAAGGAAGCAATTCGGGCAAAGGATGGGCATGCG  
TCGCATTAGCTAGTCGGCGGGGTAACGGCCCACCGAGGCGACGATGCGTAGGGGTTCTGA  
GAGGAAGGCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGT  
GAGGAATATTGGTCAATGGGCGAAAGCCTGAACCAGCCAAGTCGCGTGAGGGAAGACGGT  
CCTATGGATTGTAAACCTCTTTTGTCTGGGAGCAATGCAGGCCTTGCAGGCCTGAGGGA  
GAGTACCCGGAGAAAAAGCATCGGCTAACTCCGTGCCAG

>Consensus84 len=495 tot-seq=192

AGAGTTTGATCATGGCTCAGGATAAACGCTGGCGGCGCACATAAGACATGCAAGTCGAAC  
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AGCAACCTGCCTATCAGAGGGGAATAACAGTGAGAAATCATTGCTAATACCGCATAAGCT  
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GATTAGCTAGTTGGTGGGGTAACGGCCTACCAAGGCGACGATCAGTAGCCGGACTGAGAG  
GTTGAACGGCCACATTGGGACTGAGATACGGCCCAGACTCCTACGGGAGGCAGCAGTCGG  
GAATATTGCGCAATGGAGGAAACTCTGACGCAGTGACGCCGCGTATAGGAAGAAGGTTTT  
CGGATTGTAAACTATTGTCGTGAGGGAAGAAATTGACAGTACCTCAGGAGGAAGCTCCG

CTAACTATGTGCCCC

>Consensus85 len=518 tot-seq=187

AGAGTTTGCATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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TACTTGTAGAGGACATCCTCTGGGTGTCAAAGGAATTTATTCGGTGACGGATGGGCATG  
CGGCGCATTAGCTAGTCGGCGGGGTAACGGCCACCGAGGCGACGATGCGTAGGGGTCT  
GAGAGGAAGGTCCCCACATTGGAAGTGTGAGACACGGTCCAACTCCTACGGGAGGCAGCA  
GTGAGGAATATTGGTCAATGGGCGGAAGCCTGAACCAGCCAAGTCGCGTGAGGGATTAAG  
GCCCTATGGGTGTAACCTCTTTTGTGAGGGAGCAATGGCGTCCACGTGTGGGCGTATG  
GAGAGTACCTGAAGAAAAAGCATCGGCTAACTCCGTGC

>Consensus86 len=522 tot-seq=181

AGAGTTTGCATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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GTATGCGACCTGCCCCTAGCAGGGGATAAGCGGAAGAAATTCGGTCTAATACCGCGTAA  
TATCTTTCGGGGGCATCCCTGAGGGATTAAGGAAGCGATTCCGGCTACGGATGGGCATG  
CGGCGCATTAGCTAGTCGGCGGGGTAACGGCCACCGAGGCGACGATGCGTAGGGGTCT  
GAGAGGAAGGTCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCA  
GTGAGGAATATTGGTCAATGGGCGAGAGCCTGAACCAGCCAAGTCGCGTGAGGGGAAGACG  
GTCTATGGATTGTAAACCTCTTTTGTGAGGGAGCAAAAAGGCCTCGTGAGGCCACAAGT  
GAGAGTACCCGAAGAAAAAGCATCGGCTAACTCCGTGCCAGC

>Consensus87 len=516 tot-seq=177

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TTCAGGGGACATCCCCTTTGGGTAAAGGAAGCAATTCCGGCATAGGATGGGCATGCGGC  
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GGAATATTGGTCAATGGGCGAGAGCCTGAACCAGCCAAGTCGCGTGAGGGGAAGACGGTCC  
TATGGATTGTAAACCTCTTTTGTGAGGGAGCAATAAGACCACGTGTGGTCTAAAGTGAGA  
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>Consensus88 len=508 tot-seq=174

AGAGTTTGCATCCTGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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GTAACGCGTGGGCAACCTGCCCTTACACAGGGGGACAACAGTTAGAAATGACTGCTAATAC  
CGCATAAGCGCACGGGAACGCATGTTTCTGTGTGAAAAACTCCGGTGGTGTAAGATGGGC  
CCGCGTTGGATTAGGTAGTTGGTGAGGTAACGGCTCACCAAGCCGACGATCCATAGCCGA  
CCTGAGAGGGTGACCGGCCACATTGGGACTGAGACACGGCCCAAACCTCCTACGGGAGGC  
GCAGTGGGGAATATTGCACAATGGGCGCAAGCCTGATGCAGCGACGCCGCGTGAGCGAAG  
AAGTATTTCCGTATGTAAAGCTCTATCAGCAGGGAAGAAAAATGACGGTACCTGACTAAGA  
AGCTCCGGCTAAATACGTGCCAGCAGCC

>Consensus89 len=516 tot-seq=174

AGAGTTTGCATCATGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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GCATAACATGGAGATACCGCATGATATTTCCATCAAATATTTATAGGTACAGGATGGGCC  
CGCGTCTGATTAGCCAGTTGGCAGGGTAATGGCCTACCAAAGCGACGATCAGTAGCCGGC  
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CAGTGGGGGATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTGAAGA  
AGTATTTCCGTATGTAAAGCTCTATCGGCAGGGAAGAAAAATGACAGTACCTGACTAAG  
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>Consensus90 len=522 tot-seq=171

AGAGTTTGCATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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GTATGCAACCTGCCCCGTACAGGGGGATAATCGGAAGAAATTCGGTCTAATACCGCGTGA  
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CGTCGCATTAGCTAGTCGGCGGGGTAACGGCCACCGAGGCGACGATGCGTAGGGGTCT  
GAGAGGAAGCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCA  
GTGAGGAATATTGGTCAATGGGCTAAGGCCTGAACCAGCCAAGTCGCGTGAGGGAAAGACG  
GTCCTATGGATTGTAAACCTCTTTTGTGCGGGGAGCAACGAGGCCACGTGTGGCCGAAGTG  
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>Consensus91 len=519 tot-seq=171

AGAGTTTGTATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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GTATGCAACCTGCCCCGCACAGGGGGATAAGCGGAAGAAATTCGGTCTAATACCGCGTGA  
CGCGGCGCCGGGGCATCCCGGTGCCGCCAAAGGGATTACCGGTGGCGGATGGGCATGCGG  
CGCATTAGCTAGTCGGCGGGGTAACGGCCACCGAGGCGACGATGCGTAGGGGTCTTGAG  
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AGGAATATTGGTCAATGGGCGCGAGCCTGAACCAGCCAAGTCGCGTGAGGGATGACGGTC  
CTACGGATTGTAAACCTCTTTTGCCGGGGAGCAAGCGTGCGTTCGTGAACGCGCGTCGAG  
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>Consensus92 len=510 tot-seq=167

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AGAACCTGCCGTATACTGGGGGATAACACTTAGAAATAGGTGCTAATACCGCATAAGCGC  
ACAGCTTCGCATGAAGCAGTGTGAAAACAAAAAGCTAAAGCTTTTGGTGGTATACGATG  
GATCCGCGTCTGATTAGCTTGTGGCGGGGTAAAGGCCACCAAGGCGACGATCAGTAGC  
CGCCCTGAGAGGGTGAACGGCCACATTGGGACTGAGACACGGCCAAACTCCTACGGGAG  
GCAGCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTG  
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>Consensus93 len=531 tot-seq=167

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>Consensus94 len=521 tot-seq=165

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>Consensus95 len=518 tot-seq=162

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>Consensus96 len=492 tot-seq=156

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CAGCCGCGGTAA

>Consensus97 len=540 tot-seq=154

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>Consensus98 len=488 tot-seq=150

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>Consensus99 len=506 tot-seq=145

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>Consensus100 len=506 tot-seq=144

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>Consensus101 len=512 tot-seq=142

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>Consensus102 len=522 tot-seq=141

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GACTGAGAGGTTGGCCGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGC  
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>Consensus103 len=490 tot-seq=136

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>Consensus104 len=520 tot-seq=136

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>Consensus105 len=507 tot-seq=132

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CAGCAGTGGGGGATATTGCACAATGGGGGCAACCCTGATGCAGCGACGCCGCGTGAGCGA  
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>Consensus106 len=517 tot-seq=132

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>Consensus107 len=530 tot-seq=132

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>Consensus108 len=520 tot-seq=131

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>Consensus109 len=531 tot-seq=129

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>Consensus110 len=526 tot-seq=125

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>Consensus111 len=508 tot-seq=123

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GACTGAGAGGTTGGCCGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGC  
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>Consensus112 len=527 tot-seq=122

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>Consensus113 len=516 tot-seq=121

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>Consensus114 len=518 tot-seq=120

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>Consensus115 len=517 tot-seq=120

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>Consensus116 len=519 tot-seq=117

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>Consensus117 len=520 tot-seq=116

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>Consensus118 len=506 tot-seq=115

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TATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTGAAGAAGTATTTTCGG  
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>Consensus119 len=501 tot-seq=114

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>Consensus120 len=444 tot-seq=113

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GACGATCAGTAGTCCGCCTGAGAGGGTGACCGGCCACATTGGGACTGAGACACGGCCCAA  
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>Consensus121 len=466 tot-seq=109

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CTGAGAGGGTGAACGGCCACATTGGAAGTGAAGACACGGTCCAAACTCCTACGGGAGGCAG  
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>Consensus122 len=511 tot-seq=107

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>Consensus123 len=510 tot-seq=107  
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>Consensus124 len=498 tot-seq=106  
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>Consensus129 len=499 tot-seq=101

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>Consensus130 len=503 tot-seq=99

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>Consensus131 len=497 tot-seq=94

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>Consensus132 len=515 tot-seq=93

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>Consensus133 len=515 tot-seq=93

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>Consensus134 len=507 tot-seq=92

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>Consensus135 len=510 tot-seq=89

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>Consensus136 len=508 tot-seq=88

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>Consensus137 len=517 tot-seq=88

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>Consensus138 len=521 tot-seq=87

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>Consensus139 len=520 tot-seq=86

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>Consensus140 len=481 tot-seq=85

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>Consensus141 len=515 tot-seq=84

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>Consensus142 len=505 tot-seq=84

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>Consensus143 len=501 tot-seq=83

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>Consensus144 len=508 tot-seq=83

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>Consensus145 len=503 tot-seq=82

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>Consensus146 len=505 tot-seq=82

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>Consensus147 len=517 tot-seq=81

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>Consensus148 len=511 tot-seq=80

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>Consensus149 len=504 tot-seq=77

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>Consensus150 len=502 tot-seq=76

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>Consensus151 len=519 tot-seq=74

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>Consensus152 len=507 tot-seq=74

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>Consensus153 len=500 tot-seq=74

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CCACATTGGGACTGAGATACGGCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGC  
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>Consensus154 len=510 tot-seq=74

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>Consensus155 len=516 tot-seq=74

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>Consensus156 len=503 tot-seq=71

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>Consensus157 len=522 tot-seq=70

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GGAATATTGGTCAATGGGCGGGAGCCTGAACCAGCCAAGCCGCGTATGGAGGAAGGCGC  
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>Consensus158 len=424 tot-seq=69

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CAGTTGGCGGGGTAACGGCCACCAAACCGACAATCCGGTAGCCGGACTGAGAGGTTGAAC  
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>Consensus159 len=498 tot-seq=68

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GAATATTGCGCAATGGAGGAAACTCTGACGCAGTGACGCCGCGTATAGGAAGAAGGTTTT  
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>Consensus160 len=524 tot-seq=66

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CGCCACCCCGGGGCATCCCGGGGCGGCCAAAGGAGCGATCCGGCGGAGGATGGGCATGCG  
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GAGGAAGGCCCCCACACTGGGACTGAGACACGGCCAGACTCCTACGGGAGGCAGCAGT  
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GCGTACCCGGAGAAAAAGCATCGGCTAACTCCGTGCCAGCAGCC  
>Consensus161 len=505 tot-seq=66  
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>Consensus162 len=508 tot-seq=63  
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CCTGAGAGGGTACCAGCCACATTGGGACTGAGACACGGCCAACTCCTACGGGAGGCA  
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>Consensus163 len=528 tot-seq=62  
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>Consensus164 len=502 tot-seq=61  
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TGAGTAAGAAGCCCCGGCTAAC

>Consensus165 len=510 tot-seq=59  
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GCAGTGGGGAATATTGGGCAATGGGCGCAAGCCTGACCCAGCAACGCCGCGTGAAGGAAG  
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>Consensus166 len=413 tot-seq=57  
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CCTCATAGAGGGGAATAGCCTTCCGAAAGGGAGATTAATACCGCATAAGATTGTAGCTTC  
GCATGAAGTAGCAATTAAGGAGCAATCCGCTATGAGATGGGCCCCGGCGCATTAGCTA  
GTTGGTGAGGTAACGGCTCACCAAGGCGACGATGCGTAGCCGACCTGAGAGGGTGATCGG  
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>Consensus167 len=514 tot-seq=56

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GACTGAGAGGTTGGCCGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGC  
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>Consensus168 len=516 tot-seq=56

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GACTGAGAGGTTGAACGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGC  
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>Consensus169 len=509 tot-seq=56

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TTGGTCAATGGGCGCAGGCCTGAACCAGCCAAGTCGCGTGAGGGAAGACTGCCCTATGGG  
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>Consensus170 len=528 tot-seq=55

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CATGGTTATATAGAAAAAGCCGGGGCAACCTGGCGCTAAAAGATGGACTCGCGTCCCATT  
AGCTAGTTGGTGGGGTATTGGCCTACCAAGGCGACGATGGGTAGCCGGCCTGAGAGGGTG  
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>Consensus171 len=503 tot-seq=55

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>Consensus172 len=519 tot-seq=54

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>Consensus173 len=516 tot-seq=54

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GCAGTGGGGAATATTGCACAATGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTGAAG  
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>Consensus174 len=530 tot-seq=53

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>Consensus175 len=495 tot-seq=51

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>Consensus176 len=515 tot-seq=51

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>Consensus177 len=501 tot-seq=50

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>Consensus178 len=518 tot-seq=50

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CGGCCTGAGAGGGTGAACGGCCACATTGGGACTGAGACACGGCCCAAACCTCCTACGGGAG  
GCAGCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTG  
AGAAGTATTTTCGGTACGTAAAGCTCTATCAGCAGGGAAGAAATAAAGTCCTTTGGACTT  
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>Consensus179 len=516 tot-seq=49

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GTAACGCGTGAGGAACCTGCCTTCCAGAGGGGGACAACAGTTGGAAACGACTGCTAATAC  
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ACTGAGAGGTTGACCGGCCACATTGGGACTGAGATACGGCCCAGACTCCTACGGGAGGCA  
GCAGTGGGGAATATTGGGCAATGGACGCAAGTCTGACCCAGCAACGCCGCGTGAAGGAAG  
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>Consensus180 len=512 tot-seq=49

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CAGCAGTGGGGGATATTGGGCAATGGGGGGAACCCTGATCCAGCGACGCCGCGTGAGTGA  
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>Consensus181 len=508 tot-seq=48

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CTCGCGTCTGATTAGCTAGTTGGTGGGGTAACGGCCCCACCAAGGCGACGATCAGTAGCCG  
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>Consensus182 len=505 tot-seq=48

AGAGTTTGATCATGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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ACAGCTTCGCATGAAGCGGTGTGAAAACTCCGGTGGTGTAAAGATGGACCCGCGTCTGAT  
TAGCTTGTGGCGGGGTAACGGCCCCACCAAGGCGACGATCAGTAGCCGGCCTGAGAGGGC  
GGACGGCCACATTGGGACTGAGACACGGCCCAAGACTCCTACGGGAGGCAGCAGTGGGGAA

TATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTGAAGAAGTAATTCGT  
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ACTACGTGCCAGCAGCCGCGTAAT

>Consensus183 len=487 tot-seq=47

AGAGTTTGCATCATGGCTCAGGATGAACGCTGGCGGCATGCCTAACACATGCAAGTCGAAC  
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TAATGCATGAGCAACCTGCCCTCAGAGGGGGACAACAGTTGGAAACGACTGCTAATACC  
GCATAACATATCCGGGAGGCATCTCCTGGATATCAAAGATTTATCGCTGAAGGATGGGCT  
CATGTCTGATTAGCTAGTTGGTGGGGTAACGGCCACCAAGGCTACGATCAGTAGCCGGT  
CTGAGAGGATGAACGGCCACATTGGGACTGAGATACGGCCAGACTCCTACGGGAGGCAG  
CAGTGGGGAATATTGGGCAATGGGCGCAAGCCTGACCCAGCAATGCCGCGTGAAGGAAGA  
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AAGCTCC

>Consensus184 len=507 tot-seq=47

AGAGTTTGCATCCTGGCTCAGGATGAACGCTGGCGGCATGCCTAAGACATGCAAGTCGAAC  
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GCGCAAGGGTGAGTAACACGTGGGTAATCTACCTTTGAGTCTGGAATAACAGTTAGAAAT  
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AAAGCTTCGCTTAAAGATGAGCCTGCGCCGTATTAGCTAGTTGGTGGGGTAATAGCCTAC  
CAAGGCAACGATGCGTAGCCGACCTGAGAGGGTGATCGGCCACACTGGGACTGAGACACG  
GCCAGACTCCTACGGGAGACAGCAGTTAGGAATATTTCGTCAATGGGGGAAACCCTGAAC  
GAGCAATGCCGCGTGAAGGATGACGGTCTATGGATTGTAAACTTCTGTTGTTAGGGAAG  
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>Consensus185 len=514 tot-seq=45

AGAGTTTGCATCATGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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GCATAAGCGCACGAGGCTGCATGGCCCTGTGTGAAAAACTCCGGTGGTATGGGATGGATC  
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CTGAGAGGGTGGCCGGCCACATTGGGACTGAGACACGGCCAGACTCCTACGGGAGGCAG  
CAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTGAAGA  
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>Consensus186 len=515 tot-seq=45

AGAGTTTGCATCATGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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ACCCGCGTCTGATTAGCTGGTTGGCGGGGTAAAGGCCACCAAGGCGACGATCAGTAGCC  
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CAGCAGTGGGGATATTGGACAATGGGGGAAACCCTGATCCAGCGACGCCGCGTGAGTGA  
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>Consensus187 len=508 tot-seq=44

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CCGGCACGGCATCGTGGCGAGAGAAAAGATTTATCGGCAAAGGAGGAGCCCGCGGCTGAT  
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GATCGGCCACATTGGAACCTGAGACACGGTCCAAACTCCTACGGGAGGCAGCAGTGGGGAA  
TATTGCGCAATGGGGGAAACCCTGACGCAGCAACGCCGCGTGAAGGAGGAAGTATTTCCG  
TATGTAAACTTCTATCAGCAGGGAAGAAGGAAGTACGGTACCTGCATAAGAAGCCCCGG  
CTAATTACGTGCCAGCAGCCGCGGTAAT

>Consensus188 len=517 tot-seq=44

AGAGTTTGATCCTGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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ACCCGCGTCTGATTAGCTAGTTGGTGGGGTAAAGGCCACCAAGGCGACGATCAGTAGCC  
GACCTGAGAGGGTGACCGGCCACATTGGGACTGAGACACGGCCAACTCCTACGGGAGG  
CAGCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAAGGA  
TGAAGTATTTCCGGTATGTAACTTCTATCAGCAGGGAAGAAAATGACGGTACCTGACTAA  
GAAGCCCCGGCTAACTACGTGCCAGCAGCCGCGGTAA

>Consensus189 len=513 tot-seq=43

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CGGACGGGTGAGTAACGCGTGGGTAACCTGCCATATACAGGGGGATAAACTTAGAAAATA  
GGTGCTAATACCGCATAAGCGCACAGGGGCGCATGCCCCGGTGTGAAAAACTCCGGTGGT  
ATATGATGGACCCGCGTCTGATTAGCCAGTTGGCAGGGTAACGGCCTACCAAAGCGACGA  
TCAGTAGCCGGCCTGAGAGGGCGGACGGCCACATTGGGACTGAGACACGGCCAACTCC  
TACGGGAGGCAGCAGTGGGGGATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCG  
CGTGAGTGAAGAAGTATTTCCGGTATGTAAAGCTCTATCAGCAGGGAAGAAAATGACAGTA  
CCTGACCAAGAAGCCCCGGCTAACTACGTGCCA

>Consensus190 len=514 tot-seq=43

AGAGTTTGATCATGGCTCAGGATGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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TAACGCGTGGATAACCTGCCCCATACCGGGGGATAACAGCCGGAACGGCTGCTAATACC  
GCATAAGCGCACAGGAATGCATATTCCAGTGTGAAAAACTCCGGTGGTATGGGATGGATC  
CGCGTCTGATTAGCTAGTTGGCGGGATAGAGGGCCACCAAGGCGACGATCAGTAGCCGAC  
CTGAGAGGGTGGCCGGCCACATTGGGACTGAGACACGGCCAGACTCCTACGGGAGGCAG  
CAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAAGTA  
AGTAATTCGTTACGTAAAGCTCTATCAGCAGGGAAGAGAATGACGGTACCTGAGTAAGAA  
GCCCGGCTAACTACGTGCCAGCAGCCGCGGTAA

>Consensus191 len=453 tot-seq=40

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TCGAGAACGCAGTGAAGCTGCTGACGAGCGGCGGACGGCTGAGTAACGCGTGGGAACATA  
CCCCAACTGAGGGATAACTACTCGAAAGAGTGGCTAATACCGCATGTGATCTTCCGATT  
AAAGGATTTATCCGGTTTGGGAATGGCCTGCGTACGATTAGATAGTTGGCGAGGTAAAGG  
CTACCAAGTCGACGATCGTTAGATGGTTTGGAGAGGATGATCATCCAGACTGGGACTGAG  
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>Consensus192 len=508 tot-seq=40

AGAGTTTGATCATGGCTCAGGACGAACGCTGGCGGCGTGCCCTAACACATGCAAGTCGAAC  
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CCGCATATTGAATATTTACCGCATGGTAGATATTTGAAAGATTTATCGCTTATGGATGGA  
CTCGCGTCAGATTAGCTAGTTGGTGGGTAATGGCTCACCAAGGCGACGATCTGTAGCCG  
AACTGAGAGGTTGATCGGCCGCATTGGGACTGAGACACGGCCAGACTCCTACGGGAGGC  
AGCAGTGGGGAATATTGCGCAATGGGGGAAACCCTGACGCAGCAACGCCGCGTGCAGGAA  
GAAGGTCTTCGGATTGTAACTGTTGTGCGCAGGGGAAGAACAGTACGGTACCTGTG  
AGAAAGTCACGGCTAACTACGTGCCAGC

>Consensus193 len=510 tot-seq=39

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TAACGCGTGAGCAATCTGCCTGGAGTGGGGAAATAACGGTTGGAACAGCCGCTAATACC  
GCATGAAGCAGTTGAGGGGCATCCCTGTGACTGCCAAAGATTTATCGCTCTGAGATGAGC  
TCGCGTCTGATTAGCTAGTTGGCGGGGCAACGGCCACCAAGGCGACGATCAGTAGCCGG

ACTGAGAGGTTGGCCGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGCCA  
GCAGTGGGGAATATTGGGCAATGGGCGCAAGCCTGACCCAGCAACGCCGCGTGAAGGAAG  
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TAAGCCACGGCTAACTACGTGCCAGCAGCC

>Consensus194 len=517 tot-seq=39

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GAGTAACGCGTGGGTAACCTGCCTCATAACAGGGGGATAACAGTTAGAAATGACTGCTAAT  
ACCGCATAAGCGCACGGTCTCGCATGGGACAGTGTGAAAACTCCGGTGGTATGAGATGG  
ACCCGCGTCTGATTAGCTGGTGGTGGGGTAAGGGCCCACCAAGGCGACGATCAGTAGCC  
GGCCTGAGAGGGTGAACGGCCACATTGGGACTGAGACACGGCCAAACTCCTACGGGAGG  
CAGCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAAGGA  
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GAAGCCCCGGCTAACTACGTGCCAGCAGCCGCGGTAA

>Consensus195 len=503 tot-seq=38

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GTAACGCGTGGGCAACCTGCCTTACACAGGGGGATAACAGTTAGAAATGACTGCTAATAC  
CGCATAAGACCCCAGAACC GCATGGTTCTGAGGTAAAACTCCGGTGGTGTAAAGATGGGC  
CCGCGTCTGATTAGGTAGTTGGTGAAGTAACGGCTCACCAAGCCGACGATCAGTAGCCGA  
CCTGAGAGGGTGAACGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGCCA  
GCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAAGGATG  
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AGCCCCGGCTAACTACGTGCCAG

>Consensus196 len=529 tot-seq=37

AGAGTTTGATCCTGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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ATGCAACCTACCCCTGCAGGGGAATAACCCGGAGAAAATCCGGACTAATACCACACGGCA  
CTTTCGGGAGGCATCTTCTGAGGGTTAAAGGAGCGATCCGGCCGGGGATGGGCATGCGGC  
GCATTAGCTAGTCGGCGGGGTAACGGCCACCGAGGCGACGATGCGTAGGGGTTCTGAGA  
GGAAGGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGA  
GGAATATTGGTCAATGGGCGGGAGCCTGAACCAGCCAAGTCGCGTGAGGGACGACGGTCC  
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>Consensus197 len=513 tot-seq=37

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GTATCCAACCTGCCGATAACTCGGGGATAGCCTTTTCGAAAAGAAAGATTAATATCCGATAG  
GATATCAAGATCGCATGATCTTGATATTAAGAATTTTCGGTTATCGATGGGGATGCGTTC  
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GAAGGTCCCCCACATTGGAACCTGAGACACGGTCCAAACTCCTACGGGAGGCAGCAGTGA  
GAATATTGGTCAATGGACGAGAGTCTGAACCAGCCAAGTAGCGTGAAGGATGACTGCCCT  
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ACCATATGAATAAGGATCGGCTAACTCCGTGCC

>Consensus198 len=530 tot-seq=36

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GAAACCTGCCCGTAGCAGGGGGATAAGCGGAAGAAAATTCGGTCTAATACCGCGTAACAAC  
CCTTGAGGCATCTCCTCGGGTTTAAAGGAAGCGATTCCGGCTACGGATGGTCATGCGTTC  
GCATTAGCTAGTTGGCGGGGTAACGGCCCACCAAGGCGACGATGCGTAGGGGTTCTGAGA  
GGAAGGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGA  
AGGAATATTGGTCAATGGTTCGGGAGACTGAACCAGCCAAGCCGCGTGAGGGAGGAAGGTA  
CAGAGTATCGTAAACCTCTTTTGTGAGGGAACAAAGGCGGGGACGTGTCCCCGGATGAGT  
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>Consensus199 len=499 tot-seq=33

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CGCATAACCCGCTGGTGCCGCATGGCACTGACGGAAAAGATTTTATCGGTGTGAGATGGA  
CCCAGCTCTGATTAGCCAGTTGGCAGGGTAACGGCTACCAAAGCGACGATCAGTAGCCG  
GCCTGAGAGGGTGAACGGCCACATTGGGACTGAGACACGGCCAGACTCCTGCGGGAGGC  
AGCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTGAA  
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>Consensus200 len=518 tot-seq=32

AGAGTTTGGATCATGGCTCAGGACGAACGCTGGCGGCGGCCTAACACATGCAAGTCGAAC  
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AGTAACACGTGAGCAACCTGCCTTCGAGAGGGGAATAACGGCTGGAAACGGTCGCTAATA  
CCGCATAATGTACGGATGGGACATCCTGTCTGTACCAAAGATTTTATCGCTCGAAGATGGG  
CTCGCGTCCGATTAGGTAGTTGGTGAGGTAACGGCCACCAAGCCGACGATCGGTAGCCG  
GACTGAGAGGTTGAACGGCCACATTGGGACTGAGACACGGCCAGACTCCTACGGGAGGC  
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GACGGTCTTCTGGATTGTAAACCACTGTCCCAGGGACGAAAATGACGGTACCTGGGGAG  
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>Consensus201 len=527 tot-seq=32

AGAGTTTGGATCCTGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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TCCGAGAGGCATCTCATGGAGTTTAAAGGGTAACACCGGCTACGGATGGCCATGCGGCGC  
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AAGGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGAG  
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>Consensus202 len=512 tot-seq=32

AGAGTTTGGATCATGGCTCAGGACGAACGCTGGCGGCGTGCCCTAACACATGCAAGTCGAAC  
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ATACCGCATGATATTATTGGGCAGCATTGCCTGATAATCAAAGGAGCAATCCGCTGAAAAG  
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TAGCCGGACTGAGAGGTTGAACGGCCACATTGGGACTGAGACACGGCCAGACTCCTACG  
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>Consensus203 len=513 tot-seq=32

AGAGTTTGGATCATGGCTCAGGACGAACGCTGGCGGCACGCCTAACACATGCAAGTCGAAC  
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CATCGCATGGTGCTGATATCAAAGGAGCAATCCGCTGAGAGATGGGCTCGCGTCCGATTA  
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ACGGCCACATTGGGACTGAGACACGGCCAGACTCCTACGGGAGGCAGCAGTGGGGGATA  
TTGCACAATGGGGGAAACCCTGATGCAGCGATGCCGCGTGAGTGAAGACGGCCTCGGTTG  
TAAGGGGGGTACGCGTCCGAGAGGACGGAAAACGAAGTAACGGTAACGTACCGTAGT  
TAACGTAAGGTAACGTACCGGTACCGTAACCGT

>Consensus204 len=510 tot-seq=32

AGAGTTTGGATCCTGGCTCAGGACGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAAC  
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CGCATAACGCATAGGTATCGCATGGTATCTGTGCCAAAGATTTATCGCTGAGAGATGGCC  
TCGCGTCTGATTAGCTAGTTGGTGAGGTAACGGCCCACCAAGGCGACGATCAGTAGCCGG  
ACTGAGAGGTTGGCCGGCCACATTGGGACTGAGATACGGCCCAGACTCCTACGGGAGGCA  
GCAGTGGGGAATATTGGGCAATGGGCGCAAGCCTGACCCAGCAACGCCGCGTGAAGGAAG  
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>Consensus205 len=532 tot-seq=31

AGAGTTTGATCCTGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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GTATGCAACCTGTCCGGTACAGGGGATAAGCGGCGGAAACGCCGTCTAATACCGCGTGA  
CAACCCGAGGGGGCATCCCCTTGGGTTCAAAGGAGAGATCCGGTACCGGCTGGGCATGCG  
GCGCATTAGCTAGTTGGCGGGGCAACGGCCCACCAAGGCGACGATGCGTAGGGGTTCTGA  
GAGGAAGTCCCCCACACTGGAAGTGAACACGGTCCAGACTCCTACGGGAGGCAGCAG  
TGAGGAATATTGGTCAATGGGCGGGAGCCTGAACCAGCCAAGCCGCGTGAGGGAAGAAGG  
TACAGCGTATCGTAAACCTCTTTTGTGTCAGGGAACAAAGCGGGGACTAGTCCCCGGATGA  
GGGTACCTGAAGAAAAAGCATCGGCTAACTCCGTGCCAGCAGCCGCGGTAAT

>Consensus206 len=495 tot-seq=30

AGAGTTTGATCCTGGCTCAGGATGAACGCTGGCGGCGTGCCTAACACATGCAAGTCGAGC  
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CGCATAAGCGCACGGCGCCGCATGGCGCAGTGTGAAAACTCCGGTGGTATAAGATGGAT  
CCGCGCCTGATTAGCTAGTTGGCGGGGACGCGGCCACCAAGGCGACGATCAGTAGCCGG  
CCTGAGAGGGGCGACCGGCCACATTGGGACTGAGACACGGCCAAACTCCTACGGGAGGCA  
GCAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTGAAG  
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AGCCCCGGCTAACTA

>Consensus207 len=512 tot-seq=29

AGAGTTTGATCCTGGCTCAGGATGAACGCTGGCGGCGTGCCTAACACATGCAAGTCGAAC  
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TCAGTAGCCGGCCTGAGAGGGCGGACGGCCACATTGGGACTGAGACACGGCCCAAACCTCC  
TACGGGAGGCAGCAGTGGGGGATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCG  
CGTGAGTGAAGAAGTATTTTCGGTATGTAAAGCTCTATCAGCAGGGAAGAAGATGACAGTA  
CCTGAGTAAGAAGCCCCGGCTAACTACGTGCC

>Consensus208 len=530 tot-seq=28

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GAAACCTGCCCGTAGCAGGGGGATAAGCGGAAGAAATTCGGTCTAATACCGCGTAAACAAC  
CCTTGGAGGCATCTCCTCGGGTTTTAAAGGAAGCGATTCCGGCTACGGATGGTCATGCGTC  
GCATTAGCTAGTTGGCGGGGTAACGGCCCACCAAGGCGACGATGCGTAGGGGTTCTGAGA  
GGAAGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTG  
AGGAATATTGGTCAATGGCCGGAAGGCTGAACCAGCCAAGCCGCGTGAAGGACGAAGGTG  
CCAAGCATTGTAAACTTCTTTTGTCAAGGGACAAAATCAGGCTCGAGAGCCTGACCGAGG  
GTACTTGAAGAAAAAGCATCGGCTAACTCCGTGCCAGCAGCCGCGGTAAT

>Consensus209 len=516 tot-seq=26

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CGCGTCTGATTAGCTAGTTGGTGAGGTAACGGCCCACCAAGGCGACGATCAGTAGCCGGC  
CTGAGAGGGCGACCGGCCACATTGGGACTGAGACACGGCCCAAACCTCCTACGGGAGGCAG  
CAGTGGGGAATATTGCACAATGGGGGAAACCCTGATGCAGCGACGCCGCGTGAGTGAAGA

AGTATTTCCGGTATGTAAAGCTCTATCAGCAGGGAAGAAGAAAGACGGTACCTGACTAAGA  
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>Consensus210 len=503 tot-seq=26

AGAGTTTGATCATGGCTCAGGACGAACGCTGGCGGCGTGCCTAACACATGCAAGTCGAAC  
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CCTGCCTTTTCAGAGGGGGATAACATCCTGAAAAGGATGCTAATACCGCATGATATCTTTT  
TATCGCATGGTAGAGAGATCAAAGGAGCAATCCGCTGAAAGATGGACTCGCGTCCGATTA  
GCCAGTTGGCGGGGTAACGGCCACCAAAGCGACGATCGGTAGCCGGACTGAGAGGTTGA  
ACGGCCACATTGGGACTGAGACACGGCCAGACTCCTACGGGAGGCAGCAGTGGGGGATA  
TTGCACAATGGGGGAAACCCTGATGCAGCAACGCCGCGTGAGTGAAGAAGGTCTTCGGAT  
TGTAAGCTCTGTTCTTGGTGAAGATAATGACGGTAGCCAAGGAGAAAGCTCCGGCTAAC  
TACGTGCCAGCAGCCGCGGTAAT

>Consensus211 len=512 tot-seq=25

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GTAACGCGTGAGGAACCTGCCTTTTCAGAGGGGGACAACAGCTGGAAACGGCTGCTAATAC  
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>Consensus212 len=506 tot-seq=25

AGAGTTTGATCCTGGCTCAGGATGAACGCTGGCGGCGTGCCTAATACATGCAAGTCGAAC  
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CTGGGACTGAGACACGGCCAGACTCCTACGGGAGGCAGCAGTAGGGAATTTTCGGCAAT  
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>Consensus213 len=493 tot-seq=25

AGAGTTTGATCATGGCTCAGGACGAACGCTGGCGGCGTGCCTAATACATGCAAGTCGAGC  
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CCGGATAACAACACTAGACGCATGTCTAGAGTTTGAAAGATGGTTCTGCTATCACTCTTG  
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TAGCCGAGTTGAGAGACTGATCGGCCACATTGGGACTGAGACACGGCCAAACTCCTACG  
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>Consensus214 len=528 tot-seq=25

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>Consensus215 len=521 tot-seq=25

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>Consensus216 len=527 tot-seq=24

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AAGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGAAG  
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>Consensus217 len=526 tot-seq=23

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>Consensus218 len=519 tot-seq=23

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>Consensus219 len=531 tot-seq=23

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CGCGTCCGATTAGCTGGTTGGCGGGGACGCGGCCACCAAGGCGACGATCGGTAGCCGGC  
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CAGTGGGGAAATATTGCACAATGGGGGGAACCCTGATGCAGCGACGCCGCGTGGGTGAAGG  
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>Consensus220 len=519 tot-seq=22

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GGTGCTAATACCGCATAAGCGCACAGAGCCGCATGGCTCGGTGTGAAAACTCCGGTGGT  
GCAAGATGGACCCGCGTCTGATTAGCTGGTTGGCGGGGTAACGGCCACCAAGGCGACGA



TCAGTAGCCGGCCTGAGAGGGTGAACGGCCACATTGGGACTGAGACACGGCCCCAACTCC  
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CGTGAGTGAAGAAGTATTTCCGGTATGTAAAGCTCTATCAGCAGGGAAGAAAATGACGGTA  
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>Consensus221 len=530 tot-seq=22

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AGGAATATTGGTCAATGGCCGAGAGGCTGAACCAGCCAAGTCGCGTGAGGGAAGACGGCC  
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>Consensus222 len=500 tot-seq=20

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TGCCCCAGACATCGGGACAACCATTGGAAACGATGGCTAATACCGAATACTCTCTTCCTT  
CCTCATGGCGGGAAGAGGAAAAGCTCAGGCGGTCTGGGATGGGGTCGCGGCCCATCAGGTA  
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CCACATTGGGACTGAGATACGGCCAGACTCCTACGGGAGGCAGCAGTGGGGGATATTGG  
ACAATGGGGGAAACCCTGATCCAGCGATGCCGCGTGAGGGAAGAAGGTTTTTCGGATTGTA  
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>Consensus223 len=499 tot-seq=20

AGAGTTTGATCATGGCTCAGGATGAACGCTGGCGGGCTGCTTAACACATGCAAGTCGAAC  
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GCAATGGGGGAAACCCTGACGCAGCAACGCCGCGTGCGGGACGAAGGCCCTCGGGTTGTA  
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GTGCCAGCAGCCGCGGTAAT

>Consensus224 len=506 tot-seq=20

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ATATTGGTCAATGGCCGCGAGGCTGAACCAGCCAAGTCGCGTGAGGGATGACGGTCTTAT  
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>Consensus225 len=505 tot-seq=19

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GACTGAGAGGTTGCCGGCCACATTGGGGACTGAGACACGGCCCAGACTCCTACGGGAGGC  
AGCAGTGGGGAAATATTGGGCAATGGGCGCAAGCCTGACCCAGCAACGCCGCGTGAAGGAA  
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>Consensus226 len=529 tot-seq=19

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GAATATTGGTCAATGGCCGGAAGGCTGAACCAGCCAAGCCGCGTGAAGGACGAAGGTGCC  
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>Consensus227 len=531 tot-seq=19

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>Consensus228 len=512 tot-seq=19

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CGCATAATGCAACTAAGTCGCATGGCTTTGGTTGCCAAAGATTTATCGCTCTGAGATGGC  
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GACTGAGAGGTTGGCCGGCCACATTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGC  
AGCAGTGGGGAATATTGGGCAATGGGCGCAAGCCTGACCCAGCAACGCCGCGTGAAGGAA  
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>Consensus229 len=515 tot-seq=19

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>Consensus230 len=512 tot-seq=19

AGAGTTTGGATCATGGCTCAGGATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGG  
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GTTGGGAGGCATCTCCCGATGTTTTAAAGATTTATCGGCTGCGGATGGCCATGCGGCGCAT  
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GGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGAGGAA  
TATTGGTCAATGGGCGGAGCCTGAACCAGCCAAGTCGCGTGAGGGATGAAGGTCTTATG  
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>Consensus231 len=481 tot-seq=19

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GTAACGCGTGGGTAACCTGCCTCATAACAGGGGGATAACAGTTAGAAATGACTGCTAATAC

CGCATAAGCGCACGGGGATGCATATTCTTGTGTGAAAACTCCGGTGGTATGAGATGGAC  
CCGCGTCTGATTAGCTAGTTGGTGAGGTAACGGCTCACCAAGGCGACGATCAGTAGCCGA  
CCTGAGAGGGTGACCGGCACATTGGGACTGAGACACGGCCAAACTCCTACGGGAGGCAG  
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>Consensus232 len=530 tot-seq=19

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>Consensus233 len=503 tot-seq=18

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GCAGTGGGGAATATTGGCAATGGGCGCAAGCCTGACCCAGCAACGCCGCGTGAAGGAAG  
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>Consensus234 len=530 tot-seq=18

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>Consensus235 len=519 tot-seq=18

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GAGGAAGGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGT  
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>Consensus236 len=520 tot-seq=17

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GTATGCAACCTGCCCCCTGCAGGAGGATAACCGGGAGAAAATCCCGACTAATACTGCATAA  
CACCCTGGGGCCACATGGCTTCGGGGTCAAAGGAAGCAATTCGGCAGGGGATGGGCATG  
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GAGAGGAAGGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCA  
GTGAGGAATATTGGTCAATGGTCGGGAGACTGAACCAGCCAAGCCGCGTGAGGGAGGAAG

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>Consensus237 len=508 tot-seq=16

AGAGTTTGCATCATGGCTCAGGATGAACGCTGGCGGCGTGCCTAATACATGCAAGTCGAAC  
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GGACGAAAGTCTGACCGAGCAACGCCGCGTGAGGGAGGAAGTACTTCGGTATGTAAACCT  
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>Consensus238 len=507 tot-seq=16

AGAGTTTGCATCCTGGCTCAGGATGAACGCTGGCGGCGTGCCTAACACATGCAAGTCGAAC  
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>Consensus239 len=518 tot-seq=15

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>Consensus240 len=499 tot-seq=15

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GACTGAGAGGTTGGCCGGCCACATTGGGACTGAGACACGGCCAGACTCCTACGGGAGGC  
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>Consensus241 len=507 tot-seq=15

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>Consensus242 len=515 tot-seq=14

AGAGTTTGCATCCTGGCTCAGGATGAACGCTGGCGGCGTGCCTAACACATGCAAGTCGAAC

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>Consensus243 len=527 tot-seq=13

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AGGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGTGAGG  
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>Consensus244 len=517 tot-seq=12

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CAGTGGGGAATATTGGGCAATGGGCGCAAGCCTGACCCAGCAACGCCGCGTGAAGGAAGA  
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>Consensus245 len=524 tot-seq=12

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>Consensus246 len=528 tot-seq=11

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>Consensus247 len=457 tot-seq=10

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>Consensus248 len=513 tot-seq=9

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>Consensus249 len=524 tot-seq=9

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GAAGCTGGACGGCATCGTCTGGTTTTGAAAGAATACCGGAGACGGATGGGCATGCGGCGC  
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>Consensus250 len=533 tot-seq=9

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>Consensus251 len=517 tot-seq=7

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GAGGAAGGTCCCCCACACTGGTACTGAGACACGGACCAGACTCCTACGGGAGGCAGCAGT  
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>Consensus252 len=506 tot-seq=7

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>Consensus253 len=530 tot-seq=7

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>Consensus254 len=503 tot-seq=6

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>Consensus255 len=505 tot-seq=5

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>Consensus256 len=516 tot-seq=5

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ACCGCATAAGCGCACAGGGCCGCATGGCCAGTGTGAAAAACTCCGGTGGTGTAAAGATGG  
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GGCCTGAGAGGGTGGACGGCCACATTGGGACTGAGACACGGCCAAACTCCTACGGGAGG  
CAGCAGTGGGGGATATTGGACAATGGGGGAAACCCTGATCCAGCGACGCCGCGTGAGCGA  
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>Consensus257 len=529 tot-seq=5

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