

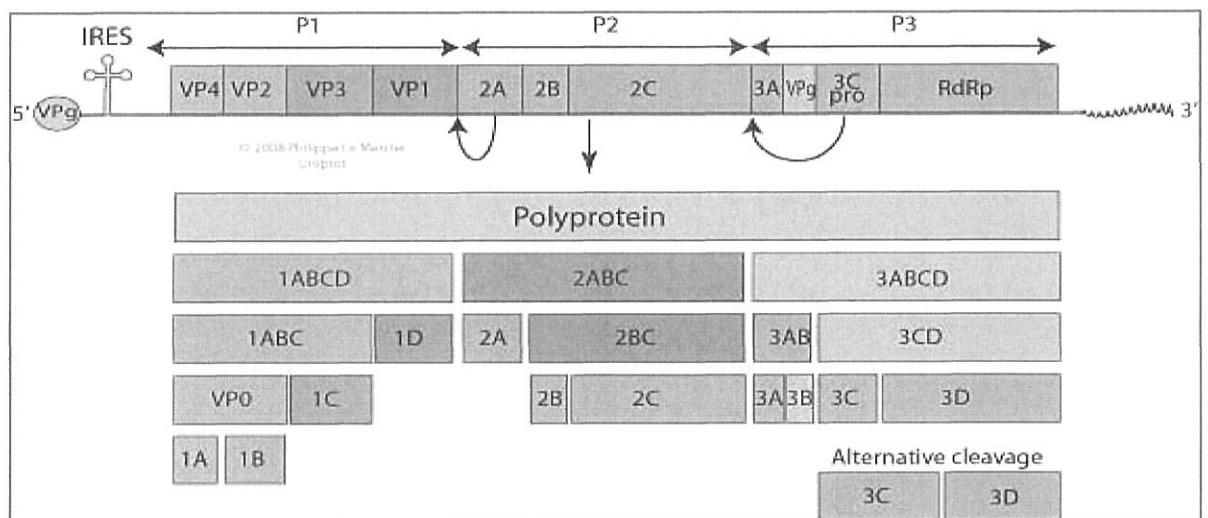


Figure 1

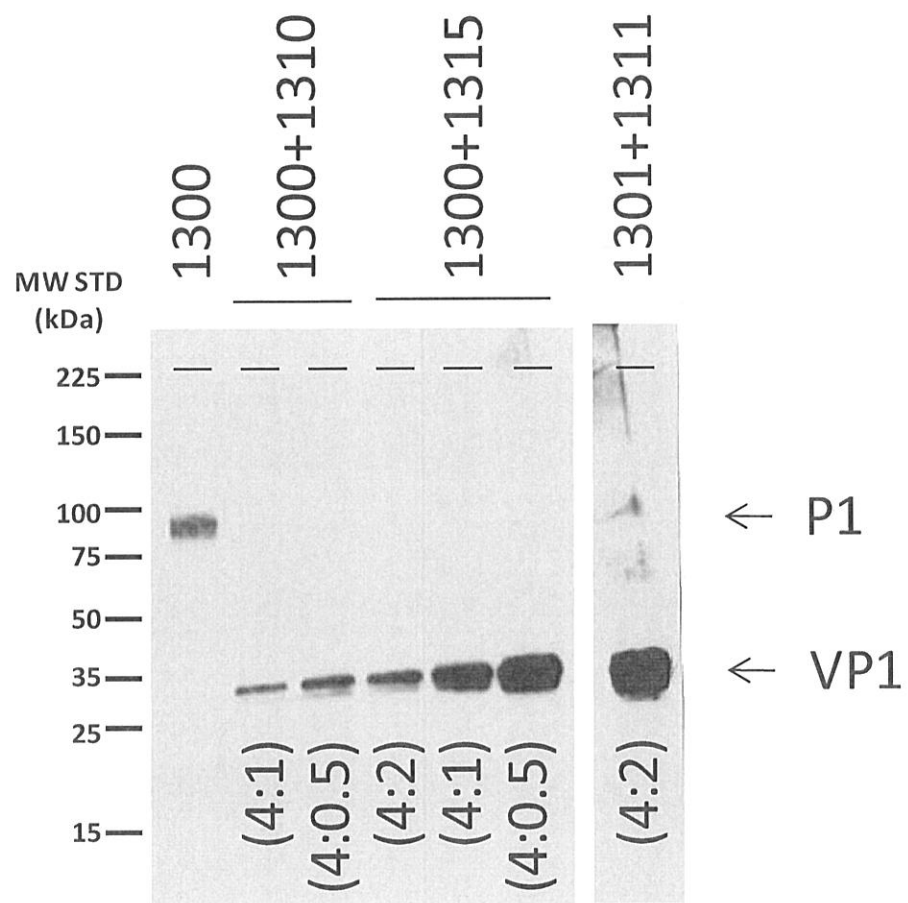


Figure 2

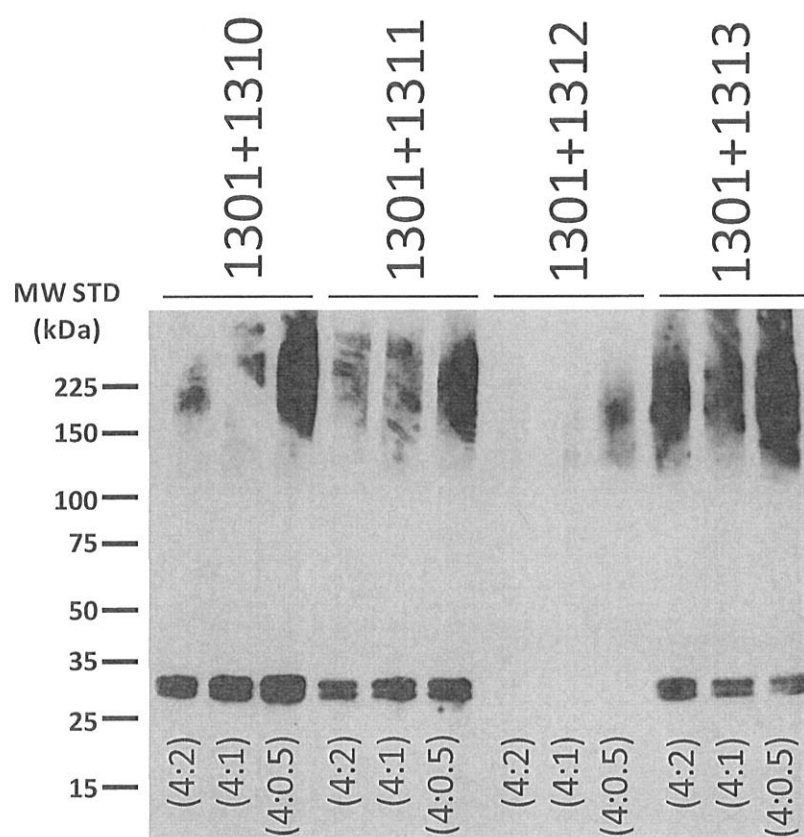
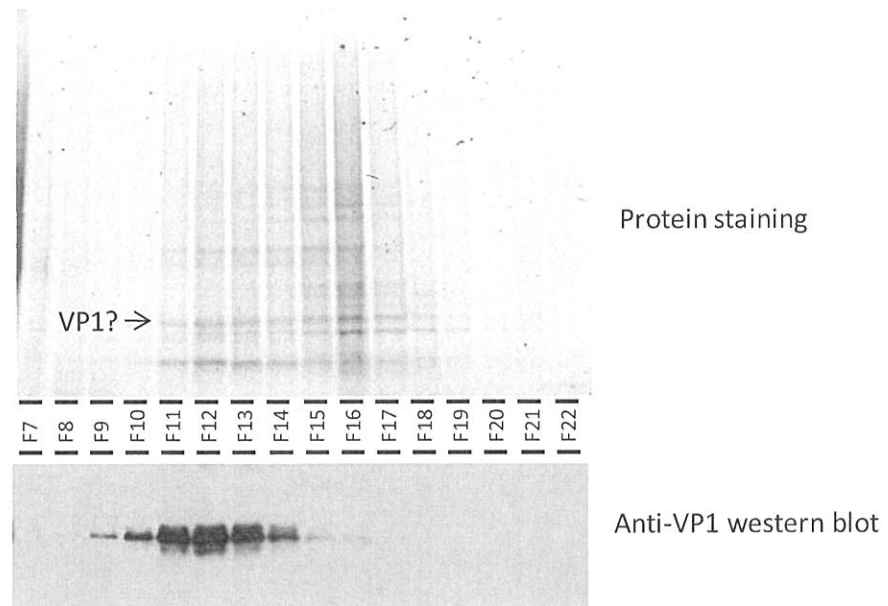


Figure 3

A.



B.

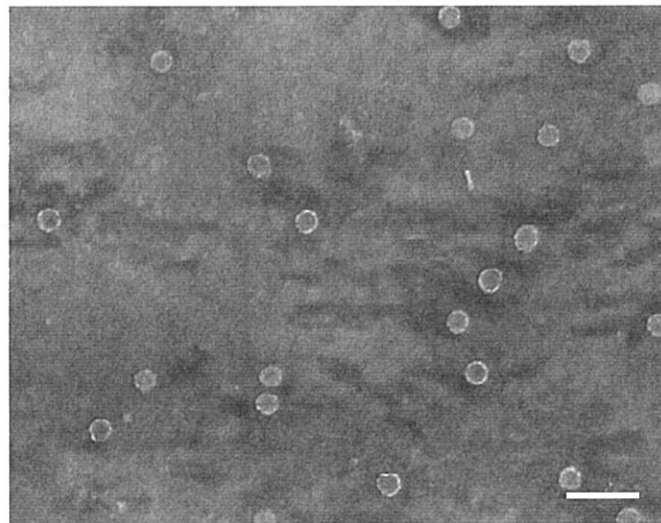
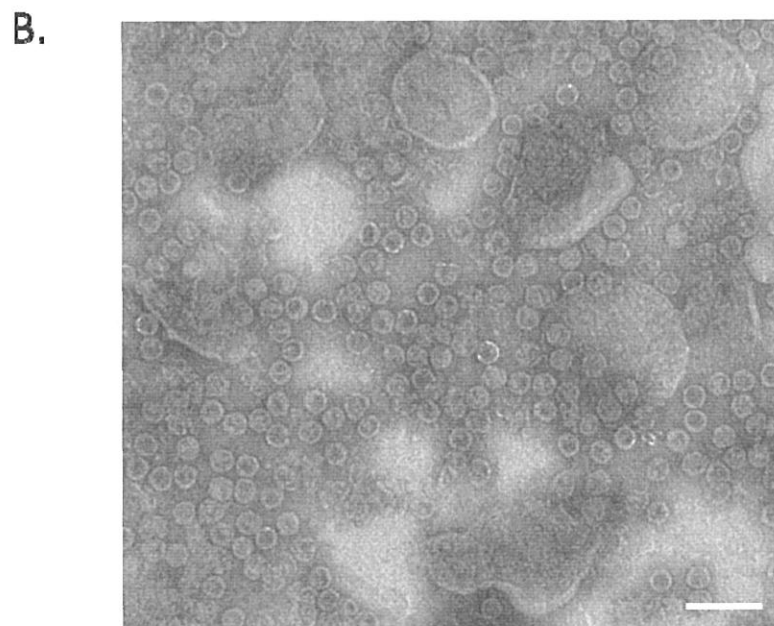
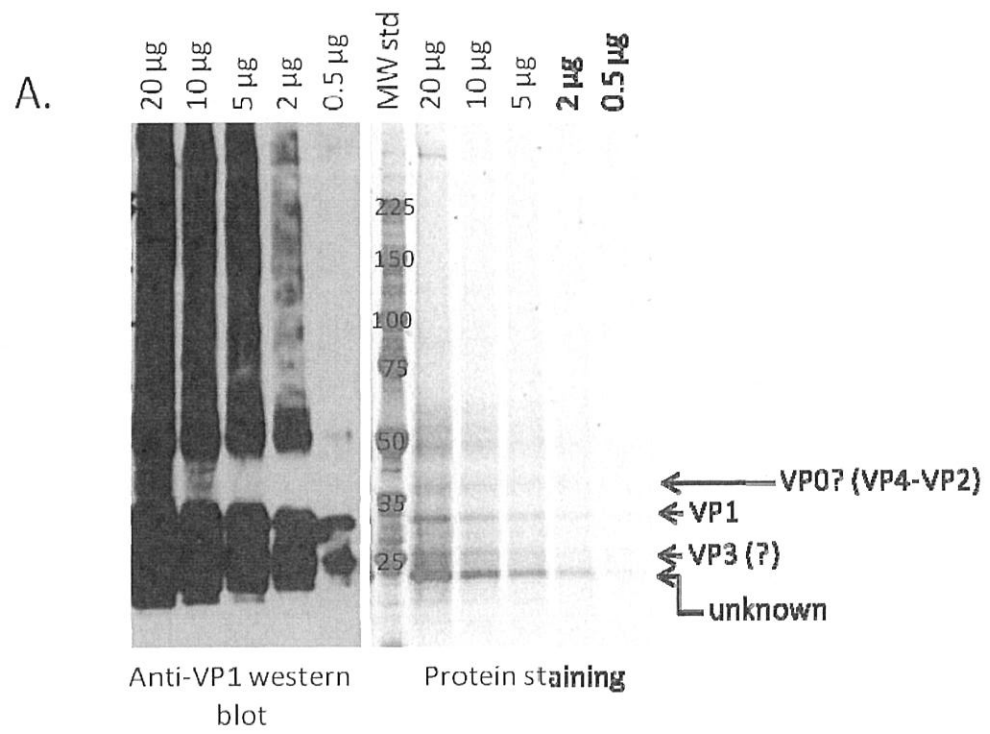


Figure 4



**Figure 5**

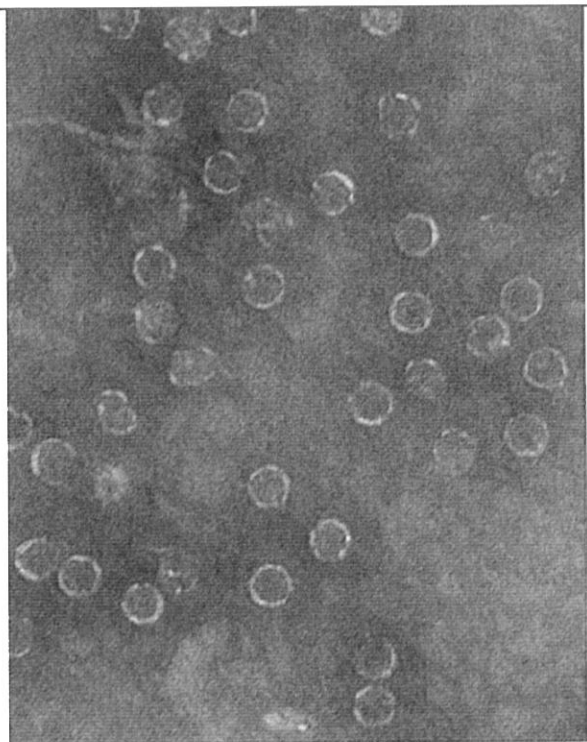
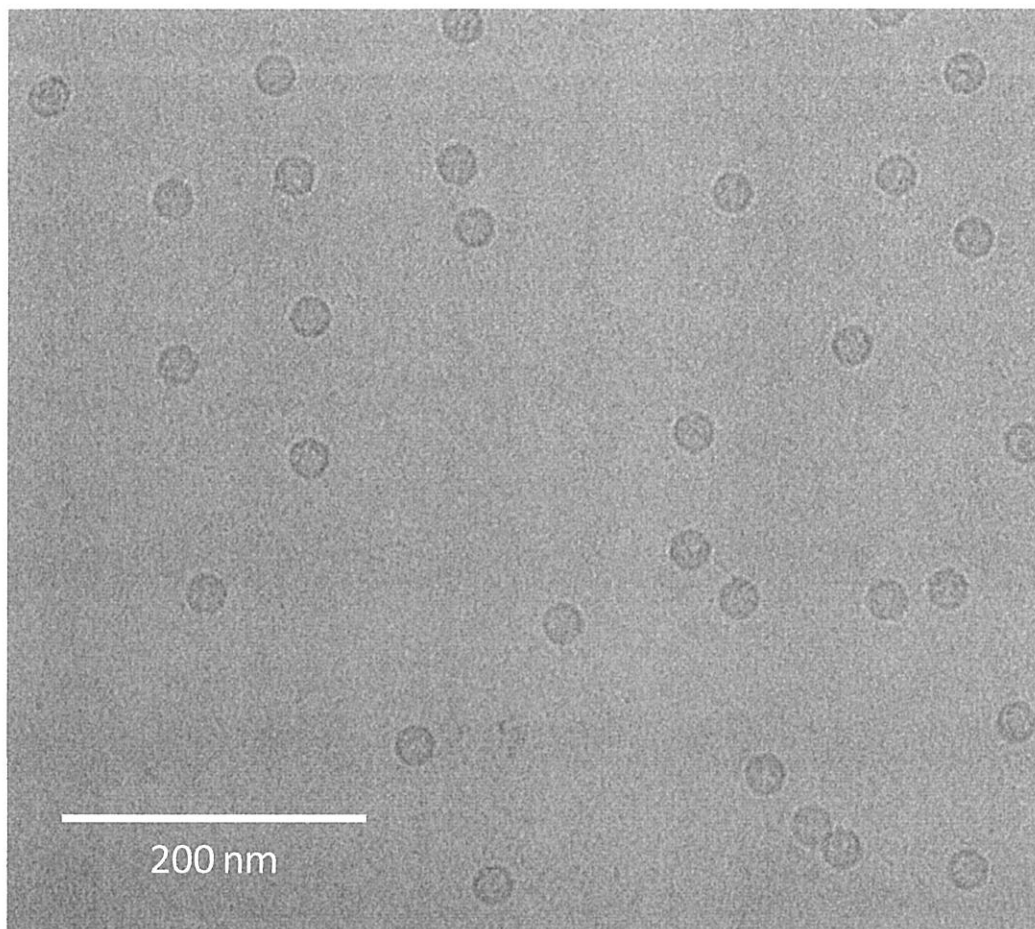
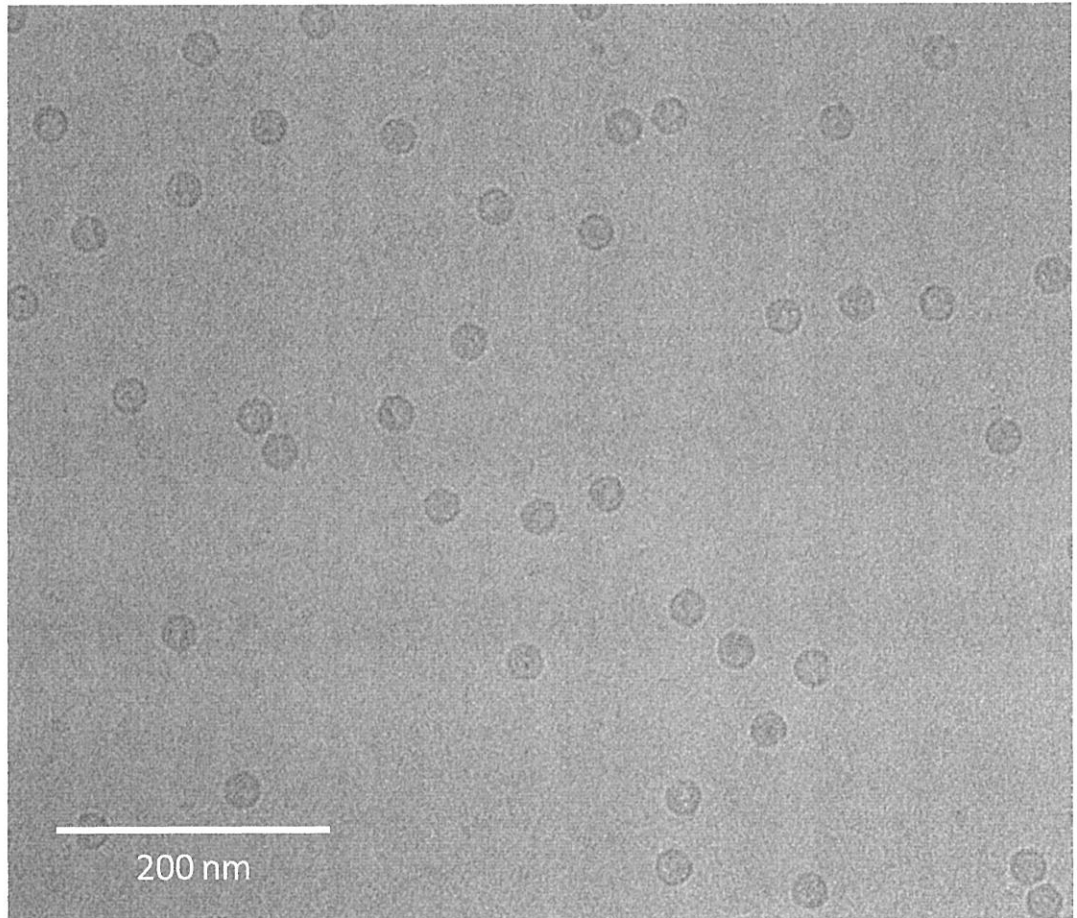


Figure 6



**Figure 7**



**Figure 8**

**Figure 9A (SEQ ID NO: 1)**

GPSLDFALSLLRRNVQRQVQTDQGHFTMLGVRDRLAVLPRHSQPGKTIWIEHKLNVNLDA  
VELVDEQGVNLELTLITLDTNEKFRDITKFI PENISAASDATLVINTEHMPSMFVPVGD  
VVQYGFNLNSGKPTHRTMMYNFPTKAGQCGGVVTSVGKIIGIHIGGNRQGFCAGLKRS  
YFASEQGEIQWVKPNKETGRLNINGPTRTKLEPSVFHDIFEGNKEPAVLHSDKDPRLEVD  
FEQALFSKYVGNTLYEPDEYIKEAALHYANQLKQLEINTSQMSMEEACYGTENLEAIDL  
HTSAGYPYSALGIKKRDILDPTTRDVSKMKFYMDKYGLDLPYSTYVKDELRSIDKIKKG  
KSRLIEASSLNDVYLRMAFGHLYEAFHANPGTITGSAVGCNPDTFWSKLPILLPGSLF  
AFDYSGYDASLSPVWFRALELVLEIGYSEGAVSLIEGINHTHHVYRNKTYCVLGGMPS  
GCSGTSIFNSMINNIIIRALLIKTFKGIDLDELNMVAYGDDVLASYPFPIDCLELAKTG  
KEYGLTMTPADKSPCFNEVNWGNATFLKRGFLPDEQFPFLIHPTMPMREIHESIRWTKD  
ARNTQDHVRSLLLAWHNGKQEYEFVSTIRSVPVGRALAIIPNYENLRRNWLELF

**Figure 9B (SEQ ID NO: 2)**

GGCCCGAGCCTTGATTTTGCCCTCTCCCTACTGAGGAGGAACGTCAGGCAAGTCCAAAC  
AGACCAGGGGCATTTACCATGTTGGGTGTTAGGGATCGCTTAGCAGTCCTCCCACGCC  
ACTCACAACCCGGCAAACTATTTGGATTGAGCACAACTCGTGAACGTCCTTGATGCA  
GTTGAATTGGTGGATGAGCAAGGAGTCAACCTGGAGTTAACCTCATCACTCTTGACAC  
TAACGAAAAGTTTAGGGATATCACCAAATTCATCCCAGAAAATATTAGTGCTGCCAGTG  
ATGCCACCCTAGTGATCAACACGGAGCACATGCCCTCAATGTTTGTCCCGGTGGGTGAC  
GTTGTGCAGTATGGCTTCTTGAACCTCAGTGGCAAGCCTACCCATCGCACCATGATGTA  
CAACTTTCCTACTAAAGCAGGACAGTGTGGGGGAGTGGTGACATCTGTTGGGAAGATTA  
TCGGTATTACATTGGTGGCAATGGCAGACAAGGTTTTTGCAGAGGCCTCAAAGGAGT  
TACTTTGCTAGTGAACAAGGAGAGATCCAGTGGGTAAAGCCCAATAAAGAACTGGAAG  
ACTCAACATCAATGGACCAACCCGCACCAAGCTAGAACCAGTGATTCCATGATATCT  
TTGAGGGAAAATAAGGAGCCAGCTGTCTTGACAGTAAAGACCCCCGACTTGAGGTAGAT  
TTTGAACAGGCCCTGTTCTCTAAGTATGTGGGGAATACACTATATGAGCCTGACGAGTA  
CATCAAAGAGGCAGCTCTTCATTATGCAAACCAATTAAAGCAGCTAGAAATCAACACCT  
CTCAAATGAGCATGGAGGAGGCCTGCTACGGTACTGAGAATCTTGAGGCTATTGATCTT  
CATACTAGTGACAGTTACCCCTATAGTGCCCTGGGGATAAAGAAAAGAGACATCTTAGA  
CCCTACCACCAGGGACGTGAGTAAAATGAAGTTCTACATGGACAAATATGGTCTTGATC  
TCCCTTACTCCACTTATGTCAAGGACGAGCTGCGCTCAATTGATAAAATTAAGAAAGGG  
AAGTCCCGTCTGATTGAGGCCAGTAGTTTAAATGATTGAGTGTACCTTAGAATGGCTTT  
CGGTCAATTTGTATGAGGCTTTCCACGCAAATCCTGGGACTATAACTGGATCAGCCGTGG  
GGTGTAAACCCTGACACATTCTGGAGCAAGCTGCCAATTTTGCTCCCTGGTTCACTCTTT  
GCCTTTGACTACTCAGGTTATGATGCTAGCCTTAGCCCTGTCTGGTTCAGAGCATTAGA  
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GGCTGCTCGGGAACATCCATTTTCAACTCAATGATCAACAACATTATTATCAGAGCACT  
GCTCATAAAAACATTTAAGGGCATTGATTTGGATGAACTCAACATGGTCGCTTATGGAG  
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AAGGAGTATGGTCTAACCATGACCCCTGCGGATAAGTCTCCTTGCTTTAATGAAGTTAA  
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TGATCCACCCCACTATGCCAATGAGGGAGATCCATGAGTCCATTCGATGGACCAAGGAT  
GCACGAAACACTCAAGATCATGTGCGGTCCTTGTGCCTCCTAGCATGGCATAATGGTAA

GCAAGAATATGAGAAATTTGTGAGTACAATTAGGTCTGTCCCAGTGGGAAGAGCGTTGG  
CTATCCCAAATTATGAAAACCTTAGACGTAATTGGCTCGAGTTATTT

**Figure 9C (SEQ ID NO: 3)**

GPSLDFALSLLRRNIRQVQTDQGHFTMLGVRDRDLAVLPRHSQPGKTIWIEHKLNVNILDA  
VELVDEQGVNLELTTLITLDTNEKFRDITKFIPESISTASDATLVINTEHMPSMFVPVGD  
VVQYGFNLNSGKPTHRTMMYNFPTKAGQCGGVVTSVGKVIHIGGNRQGFCAGLKRS  
YFASEQGEIQWVKPNKETGRLNINGPTRTKLEPSVFHDVFEGNKEPAVLHGKDPRLVD  
FEQALFSKYVGNTLYEPDEYIKEAALHYANQLKQLEINTSQMSMEEACYGTENLEAIDL  
HTSAGYPYSALGIKKRDILDPTTRDVS KMKS YMDKYGLDLPYSTYVKDELRSIDKIKKG  
KSRLIEASSLNSVYLRMTFGHLYEAFHANPGTITGSAVGCNPDTFWSKLPILLPGSLF  
AFDYSGYDASLSPVWFRALEMVLRREIGYSEEAVSLIEGINHTHHVYRNKTYCVLGGMPS  
GCSGTSIFNSMINNIIIRALLIKTFKGIDLDELNMVAYGDDVLASYPPFIDCLELAKTG  
KEYGLTMTPADKSPCFNEVNWGNATFLKRGFLPDEQFPFLIHPTMPMREIHESIRWTKD  
ARNTQDHVRS LCLLAWHNGKQYEYEFVSTIRSVPIGRALAIIPNYENLRNWLELF

**Figure 9D (SEQ ID NO: 4)**

GGCCCGAGTCTTGATTTTGCTCTCTCCCTGTTAAGGAGGAACATCAGGCAAGTCCAAAC  
AGACCAGGGGCATTTACCATGTTGGGTGTTAGGGATCGTTTAGCAGTCCTCCCACGTC  
ACTCACAACCCGGCAAACTATTTGGATCGAACACAACTCGTGAACATTCTTGATGCA  
GTTGAATTGGTGGATGAGCAAGGAGTCAACCTGGAATTGACCCTCATCACTCTTGACAC  
TAACGAAAAGTTTAGGGATATCACCAAATTCATCCCAGAAAGTATTAGCACTGCCAGTG  
ATGCCACCCTAGTGATCAACACGGAGCACATGCCCTCAATGTTTGTCCCGGTGGGTGAC  
GTCGTGCAGTATGGCTTTTTGAATCTTAGTGGCAAGCCCACCCATCGCACCATGATGTA  
CAACTTTCCTACTAAAGCGGGACAGTGTGGAGGAGTAGTGACATCTGTTGGGAAAGTCA  
TCGGTATTACATTGGTGGCAATGGTAGACAAGTTTTTGC GCAGGCCTCAAAAGGAGT  
TACTTTGCTAGTGAACAAGGGGAGATCCAGTGGGTAAAGCCCAATAAAGAACTGGAAG  
ACTCAACATCAATGGACCAACCCGCACCAAGTTGGAACCCAGTGTATTCCATGATGTCT  
TCGAGGGAAATAAGGAACCAGCTGTCTTGCACGGCAAAGATCCCCGACTCGAGGTAGAT  
TTTGAGCAGGCCCTGTTCTCTAAGTATGTGGGAAACACGCTATATGAGCCTGACGAGTA  
CATCAAAGAGGCAGCTCTTCATTATGCAAATCAATTAAGCAACTAGAAATTAATACCT  
CCCAGATGAGCATGGAGGAAGCCTGCTATGGTACTGAGAATCTTGAGGCTATCGATCTT  
CATACTAGTGCAGGTTACCCCTATAGTGCCTTGGGAATAAAGAAAAGAGACATCTTAGA  
CCCTACCACCAGGGACGTGAGTAAAATGAAATCCTATATGGACAAATATGGTCTCGATC  
TCCCTTACTCCACTTATGTCAAGGATGAGCTGCGCTCAATTGATAAAATTAAGAAAGGG  
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CGGTCAATTTGTATGAGGCTTTCACGCAAATCCTGGGACGATAACTGGATCAGCCGTGG  
GGTGTAACCCTGACACATTCTGGAGCAAGCTGCCAATCTTGCTTCCTGGTTCACTCTTT  
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GCTCATAAAAACATTTAAGGGCATTGATTTGGATGAACTCAACATGGTCGCTTATGGGG  
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TTGGGGTAATGCGACCTTCCTCAAGAGGGGCTTTTTACCTGATGAGCAGTTTCCATTTT  
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GCACGAAACACTCAAGATCATGTACGGTCCTTGTGCCTCCTAGCATGGCATAATGGTAA  
GCAAGAATATGAAAAATTTGTGAGCACAAATTAGGTCTGTCCCAATAGGAAGAGCTTTGG  
CTATCCCAAATTATGAAAATCTTAGACGCAATTGGCTCGAGTTATTT

**Figure 9E (SEQ ID NO: 5)**

MGSQVSTQSRSGSHENSNSATEGSTINYTTINYKDSYAATAGKQSLKQDPDKFANPVKD  
IFTEMAAPLKSPSAEACGYSDRVAQLTIGNSTITTQEAANIIVGYGEWPSYCSDSDATA  
VDKPTRPDVSVNRFYTLDTKLWEKSSKGWYWKFPDVLTTETGVFGQNAQFHYLYRSGFCI  
HVQCNASKFHFQGALLVAVLPEYVIGTVAGGTGTEDSHPPYKQTQPGADGFELQHPYVLD  
AGIPISQLTVCPHQWINLRTNNCATIIVPYINALPFDNALNHCNFGLLVVPISPLDYDQ  
GATPVIPIITITLAPMCSEFAGLRQAVTQGFTELKPGTNQFLTDDGVSAPILPNFHPT  
PCIHIPGEVRNLELCQVETILEVNNVPTNATSLMERLRFPVSAQAGKGELCAVFRADP  
GRNGPWQSTLLGQLCGYYTQWSGSLEVTFMFTGSFMATGKMLIAYTPPGGPLPKDRATA  
MLGTHVIWDFGLQSSVTLVIPWISNTHYRAHARDGVFDYYTTGLVSIWYQTNVVPIGA  
PNTAYIIALAAAQKNFTMKLCKDASDILQTGTIQGDRVADVIESSIGDSVSRALTQALP  
APTQONTQVSSHRLDTGKVPALQAAEIGASSNASDESMIETRCVLNSHSTAETTLDSFF  
SRAGLVGEIDLPLEGTTNPNGYANWDIDITGYAQMRKVELFTYMRFDAEFTFVACTPT  
GEVVPQLLQYMFVPPGAPKPDSSRESLAWQTATNPVSFVKLSDPPAQVSVPFMSPASAYQ  
WFYDGYPTFGEHKQEKDLEYGACPNNMMGTFSVRTVGTSKSKYPLVVRIYMRMKHVRAW  
IPRPMRNQNYLFKANPNYAGNSIKPTGTSRTAITTL

**Figure 9F (SEQ ID NO: 6)**

ATGGGTTTCGCAGGTGTCCACGCAGCGCTCCGGTTCTCATGAAAATTCAAACCTCAGCCAC  
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CAGCAGGCAAACAGAGTCTCAAGCAGGATCCAGACAAGTTTGCAAATCCTGTTAAAGAC  
ATCTTCACTGAAATGGCAGCGCCACTGAAGTCCCCATCCGCTGAGGCATGTGGATACAG  
TGATCGAGTAGCGCAATTAACATTTGGTAACCTCCACCATCACCACGCAAGAAGCGGCTA  
ACATCATAGTTGGTTATGGTGAGTGGCCTTCCTACTGCTCGGATTCTGACGCTACAGCA  
GTGGATAAGCCAACGCGCCCGGATGTTTCAGTGAACAGGTTTTATACATTGGACACTAA  
ATTGTGGGAGAAATCGTCCAAGGGATGGTACTGGAAATCCCGGATGTGTTAACTGAAA  
CTGGGGTTTTTTGGGCAAAATGCACAATTCCTACTACCTCTACCGATCAGGGTTCTGTATC  
CACGTGCAGTGCAATGCTAGTAAATTCACCAAGGAGCACTCCTAGTCGCTGTTCTACC  
AGAGTACGTCATTGGGACAGTGGCAGGCGGCACAGGGACGGAAGATAGTCACCCCCCTT  
ACAAGCAGACTCAACCCGGCGCCGATGGCTTCGAATTGCAACACCCGTACGTGCTTGAT  
GCTGGCATCCCAATATCACAGTTAACAGTGTGCCACATCAGTGGATTAATTTGAGAAC  
CAACAATTGTGCTACAATAATAGTGCCATACATTAACGCACTGCCTTTTGATTCCGCCT  
TGAACCACTGCAATTTTGGCCTATTAGTTGTGCCTATTAGCCCACTAGATTACGACCAA  
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AGGTCTTAGGCAGGCAGTCACGCAAGGATTTCCACCGAGTTGAAACCTGGCACAAATC  
AATTTTTTAACCACTGATGATGGCGTTTCAGCACCTATTCTACCAAACCTCCACCCCACC  
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GGGCGAAATGGGCCGTGGCAGTCCACCTTGCTGGGTCAGTTGTGTGGGTATTACACCCA  
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 GTGCAAGGATGCTAGTGATATCCTACAAACGGGCACCATCCAGGGAGATAGGGTAGCAG  
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 AGACACGCTGTGTTCTTAACCTCGCACAGCACAGCTGAGACCACTCTTGATAGTTTCTTC  
 AGCAGAGCGGGATTAGTTGGAGAGATAGATCTTCTCTTGAAGGCACAACCTAACCCAAA  
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 AGTTATTCACCTACATGCGCTTTGATGCAGAGTTCACTTTCGTTGCGTGACACCTACC  
 GGGGAAGTTGTCCACAATTGCTCCAATATATGTTTGTACCACCTGGAGCCCCTAAGCC  
 AGACTCCAGGGAGTCCCTCGCATGGCAAACCGCCACCAACCCCTCAGTTTTTGTCAAGT  
 TGTCAGACCCCTCCAGCACAGGTTTCAGTACCATTTCATGTCACCCGCGAGTGCTTACCAA  
 TGGTTCTATGACGGATATCCACATTCGGGGAACACAAACAGGAGAAAGATCTTGAGTA  
 TGGGGCGTGCCCTAATAACATGATGGGTACGTTCTCAGTGCGGACTGTAGGGACTTCCA  
 AATCCAAGTATCCTTTAGTGGTTAGGATTTACATGAGGATGAAGCACGTCAGGGCGTGG  
 ATACCTCGCCGATGCGTAACCAAACTACCTATTCAAGGCCAACCCAAATTATGCTGG  
 CAACTCCATTAAGCCAACTGGTACTAGTCGCACAGCGATCACTACTCTT

**Figure 9G (SEQ ID NO: 7)**

GGACCAGGGTTCGATTACGCAGTGGCTATGGCTAAAAGAAACATTGTTACAGCAACTAC  
 TAGCAAGGGAGAGTTCACTATGTTAGGAGTCCACGACAACGTGGCTATTTTACCAACCC  
 ACGCTTCACCTGGTGAAAGCATTGTGATCGATGGCAAAGAAGTGGAGATCTTGGATGCC  
 AAAGCGCTCGAAGATCAAGCAGGAACCAATCTTGAAATCACTATAATCACTCTAAAGAG  
 AAATGAAAAGTTCAGAGACATTAGACCACATATACCTACTCAAATCACTGAGACAAATG  
 ATGGAGTCTTGATCGTGAACACTAGCAAGTACCCCAATATGTATGTTCTGTCGGTGCT  
 GTGACTGAACAGGGATATCTAAATCTCGGTGGGCGCCAACTGCTCGTACTCTAATGTA  
 CAACTTTCCAACCAGAGCAGGACAGTGTGGTGGAGTCATCACATGTACTGGGAAAGTCA  
 TCGGGATGCATGTTGGTGGGAACGGTTCACACGGGTTTGCAGCGGCCCTGAAGCGATCA  
 TACTTCACTCAGAGTCAAGGTGAAATCCAGTGGATGAGACCTTGAAGGAAGTGGGATA  
 TCCAATCATAAATGCCCCGTCCAAAACCAAGCTTGAACCCAGTGCTTTCCACTATGTGT  
 TTGAAGGGGTGAAGGAACCAGCAGTCTCTACTAAAAACGATCCCAGGCTTAAGACAGAC  
 TTTGAGGAGGCAATTTTCTCCAAGTACGTGGGTAACAAAATTACTGAAGTGGATGAGTA  
 CATGAAAGAGGCAGTAGACCACATATGCTGGCCAGCTCATGTCACTAGACATCAACACAG  
 AACAAATGTGCTTGGAGGATGCCATGTATGGCACTGATGGTCTAGAAGCACTTGATTTG  
 TCCACCAGTGCTGGCTACCCCTTATGTAGCAATGGGAAAGAAGAAGAGAGACATCTTGAA  
 CAAACAAACCAGAGACACTAAGGAAATGCAAAAACCTGCTCGACACATATGGAATCAACC  
 TCCCACTGGTGACTIONTATGTAAAGGATGAACCTTAGATCCAAAACAAAGGTTGAGCAGGGG  
 AAATCCAGATTAATTGAAGCTTCTAGTTTGAATGACTCAGTGGCAATGAGAATGGCTTT  
 TGGGAACCTATATGCTGCTTTTTCACAAAACCCAGGAGTGATAACAGGTTTCAGCAGTGG  
 GGTGCGATCCAGATTTGTTTTGGAGCAAAATTCGGTATTGATGGAAGAGAAGCTGTTT

GCTTTTGACTACACAGGGTATGATGCATCTCTCAGCCCTGCTTGGTTCGAGGCACTAAA  
 GATGGTGCTTGAGAAAATCGGATTTCGGAGACAGAGTTGACTACATCGACTACCTAAACC  
 ACTCACACCACCTGTACAAGAATAAAACATACTGTGTCAAGGGCGGTATGCCATCTGGC  
 TGCTCAGGCACTTCAATTTTTTA ACTCAATGATTAACAACCTTGATTATCAGGACACTCTT  
 ACTGAAAACCTACAAGGGCATAGATTTAGACCACCTAAAAATGATTGCCTATGGTGATG  
 ATGTAATTGCTTCCTACCCCCATGAAGTTGACGCTAGTCTCCTAGCCCAATCAGGAAAA  
 GACTATGGACTAACTATGACTCCAGCTGACAAATCAGCTACATTTGAAACAGTCACATG  
 GGAGAATGTAACATTCTTGAAGAGATTCTTCAGGGCAGACGAGAAATACCCATTTCTTA  
 TTCATCCAGTAATGCCAATGAAGGAAATTCATGAATCAATTAGATGGACTAAAGATCCT  
 AGGAACACTCAGGATCACGTTTCGCTCTCTGTGCCTTTTAGCTTGGCACAATGGCGAAGA  
 AGAATATAACAAATTCCTAGCTAAAATCAGGAGTGTGCCAATTGGAAGAGCTTTATTGC  
 TCCCAGAGTACTCAACATTGTACCGCCGTTGGCTTGACTCATTT

**Figure 9H (SEQ ID NO: 8)**

GPGFDYAVAMAKRNIIVTATTSKGEFTMLGVHDNVAILPHTHASPGESIVIDGKEVEILDA  
 KALEDDQAGTNLEITIITLKRNEKFRDIRPHIPTQITETNDGVLIIVNTSKYPNMYVPVGA  
 VTEQGYLNLGGRQTARTLMYNFPTRAGQCGGVITCTGKVIGMHVGGNGSHGFAAALKRS  
 YFTQSQGEIQWMRPSKEVGYPPIINAPSKTKLEPSAFHYVFEGVKEPAVLTKNDPRLKTD  
 FEEAIFSKYVGNKITEVDEYMKEAVDHYAGQLMSLDINTEQMCLEDAMYGTDGLEALDL  
 STSAGYPYVAMGKKKRDILNKQTRDTKEMQKLLDTYGINLPLVTYVKDELRSKTKVEQG  
 KSRLIEASSLNSVAMRMAFGNLYAAAFHKNPGVITGSAVGCDDPDLFWSKIPVLMEEKLF  
 AFDYTGYPDASLSPAWFEALKMVLEKIGFGDRVDYIDYLNHSHHLYKNKTYCVKGGMPSPG  
 CSGTSIFNSMINNLIIRTL LLLKTYKGIDLDHLKMIAYGDDVIASYPHEVDASLLAQSGK  
 DYGLTMT PADKSATFETVTWENVTF LKRFFRADEKYPFLIHPVMPMKEIHESIRWTKDP  
 RNTQDHVRS LCLLAWHNGEEY NKFLAKIRSVPIGRALLLPEYSTLYRRWLDSF

**Figure 9I (SEQ ID NO: 9)**

ATGGGTGCTCAGGTTTCATCACAGAAAGTGGGCGCACATGAAAAC TCAAATAGAGCGTA  
 TGGTGCTTCTACCATTAATTACACCACCATTAATTATTATAGAGATTCAGCTAGTAACG  
 CGGCTTCGAAACAGGACTTCTCTCAAGACCCTTCCAAGTTCACCGAGCCCATCAAGGAT  
 GTCCTGATAAAAACAGCCCCAATGCTAAACTCGCCAAACATAGAGGCTTGCGGGTATAG  
 CGATAGAGTACTGCAATTAACACTGGGAAACTCCACTATAACCACACAGGAGGCGGCTA  
 ATTCAGTAGTCGCTTATGGGCGTTGGCCTGAATATCTGAGGGACAGCGAAGCCAATCCA  
 GTGGACCAGCCGACAGAACCAGACGTCGCTGCATGCAGGTTTTATACGCTAGACACCGT  
 GTCTTGACGAAAGAGTCGCGAGGGTGGTGGTGGAAGTTGCCTGATGCACTGAGGGACA  
 TGGGACTCTTTGGGCAAAATATGTACTACCACTACCTAGGTAGGTCCGGGTACACCGTG  
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 AGAGATGTGTCTGGCCGGGGATAGCAACACCACTACCATGCACACCAGCTATCAAATG  
 CCAATCCTGGCGAGAAAGGAGGCACTTTCACGGGTACGTTCACTCCTGACAACAACCAG  
 ACATCACCTGCCCCGAGGTTCTGCCCGGTGGATTACCTCCTTGGAATGGCACGTTGTT  
 GGGGAATGCCTTTGTGTTCCCGCACCAAGATAATAAACCTACGGACCAACAACCTGTGCTA  
 CACTGGTACTCCCTTACGTGAACCTCCCTCTCGATAGATAGTATGGTAAAGCACAATAAT  
 TGGGGAATTGCAATATTACCATTTGGCCCCATTAAATTTTGCTAGTGAGTCCTCCCCAGA  
 GATTCCAATCACCTTGACCATAGCCCCTATGTGCTGTGAGTTCAATGGATTAAGAAACA

TCACCCTGCCACGCTTACAGGGCCTGCCGGTCATGAACACCCCTGGTAGCAATCAATAT  
CTTACTGCAGACAACTTCCAGTCACCGTGTGCGCTGCCTGAATTTGATGTGACCCACC  
TATTGACATAACCCGGTGAAGTAAAGAACATGATGGAATTGGCAGAAATCGACACCATGA  
TTCCCTTTGACTTAAGTGCCACAAAAAGAACCATGGAAATGTATAGGGTTTCGGTTA  
AGTGACAAACCACATACAGACGATCCCATACTCTGCCTGTCACCTCTCTCCAGCTTCAGA  
TCCTAGGTTGTACATACTATGCTTGGAGAAATCCTAAATTACTACACACACTGGGCAG  
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AACACAGTCCGTGAAACGGTGGGGGCGGCAACATCTAGAGACGCTCTCCCAAACACTGA  
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GACCGTGGATAACCCAGCTTCCACCACGAATAAGGATAAGCTATTTGCAGTGTGGAAGA  
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AATGGGACGACTACACATGGCAAACCTCATCAAATCCATCAATCTTTTACACCTACGGA  
ACAGCTCCAGCCCGGATCTCGGTACCGTATGTTGGTATTTTCGAACGCCTATTCACACTT  
TTACGACGGTTTTTTCCAAAGTACCACTGAAGGACCAGTCGGCAGCACTAGGTGACTCCC  
TTTATGGTGCAGCATCTCTAAATGACTTCGGTATTTTGGCTGTTAGAGTAGTCAATGAT  
CACAACCCGACCAAGGTCACCTCCAAAATCAGAGTGTATCTAAAACCCAAACACATCAG  
AGTCTGGTGCCCGCGTCCACCGAGGGCAGTGGCGTACTACGGCCCTGGAGTGGATTACA  
AGGATGGTACGCTTACACCCCTCTCCACCAAGGATCTGACCACATAT

**Figure 9J (SEQ ID NO: 10)**

MGAQVSSQKVGAHENSNRAYGGSTINYTTINYRDSASNAASKQDFSQDPSKFTEPIKD  
VLIKTAPMLNSPNIEACGYSDRVLQLTLGNSTITTQEAANSVVAYGRWPEYLRDSEANP  
VDQPTPEPDVAACRFYTLDTVSWTKESRGWWKLPDALRDMGLFGQNMYHYLGRSGYTV  
HVQCNASKFHHQALGVFAVPEMCLAGDSNTTMTHTSYQNANPGEKGGTFTGTFTPDNNQ  
TSPARRFCPVDYLLGNGTLLGNAFVFPHQIINLRTNNCATLVLPYVNSLSIDSMVKHNN  
WGIAILPLAPLNFASESSPEIPITLTIAPMCCEFNGLRNITLPRLOGLPVMNTPGSNQY  
LTADNFQSPCALPEFDVTPPIDIPGEVKNMELAEIDTMIPFDLSATKNTMEMYRVRL  
SDKPHTDDPILCLSLSPASDPRLSHTMLGEILNYYTHWAGSLKFTFLFCGFMMATGKLL  
VSYAPPGADPPKKRKEAMLGTHVIWDIGLQSSCTMVVPWISNTTYRQTIDDSFTEGGYI  
SVFYQTRIVVPLSTPREMDILGFVSACNDFSRLLRDTHIEQKALAQGLGQMLESMID  
NTVRETVGAAATSRDALPNTEASGPHSKEIPALTAVETGATNPLVPSDTVQTRHVQHR  
SRSESSIESFFARGACVTIMTVDNPASTTNKDKLFAVWKITYKDTVQLRRKLEFFTYSR  
FDMELTFVVTANFTETNNGHALNQVYQIMYVPPGAPVPEKWDDYTWTSSNPSIFYTYG  
TAPARISVPYVGISNAYSHFYDGFSGVPLKQSAALGDSLYGAASLNDFGILAVRVVND  
HNPTKVTSKIRVYLKPKHIRVWCPRPPRAVAYYGPGVDYKDGTLTPLSTKDLTTY