

APPENDIX

SEQ ID NO: 1 -

MGYKKIQVPAVGDKITVNADHSLNVPDNIIPFIEGDGIGVDVSPVMIKVVDAAVEKAYGGKRKISWMEVYAGEKATQ
VYDQDTWLPQETLDAVKDYVVSIGPLTTPVGGGIRSLNVALRQQLDLYVCLRPVWVFEVGPSPVKKPGDMDVIFRE
NSEDYAGIEWKAGSPEATKVIKFLKEEMGVTKIRFDQDCGIGIKPVSKGTRKRLVRKALQYVVDNDRKSLTIVHKGNIM
KFTEGAFKDWGYEVAKEEFGAELLDGGPWMKFKNPKTGREVVKDAIADAMLQQILLRPAEYDVIATLNLNGDYLS
ALAAEVGGIGIAPGANLSDTVAMFEATHGTAPKYAGKDQVNPGSVILSAEMMLRHLGWTEAADLIKGTNGAIKAKTV
TYDFERLMEGATLVSSSGFGEALIKHM

SEQ ID NO: 2 -

ATGGGTTACAAGAAGATTCAGGTTCCAGCCGTCGGCGACAAAATCACCGTCAACGCAGACCATTCTCTCAATGTCC
CTGATAACCCGATCATTCCCTTCATCGAAGGTGACGGCATTGGCGTCGACGTCAGCCCTGTGATGATCAAAGTGGT
TGATGCTGCCGTAGAGAAAGCCTACGGGGTAAGCGCAAGATTTCTGGATGGAGTTTATGCTGGCGAAAAAG
CAACTCAGGTCTATGACCAGGACACCTGGCTGCCCCAGGAAACCCTGGACGCGGTCAAGGATTACGTGGTCTCCA
TCAAAGGCCGCTGACCACTCCGGTCGGTGCGGCATCCGTTCCCTCAACGTCGCCCTGCGCCAACAGCTCGATCT
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GGTGATCTTCCGCGAGAACTCCGAAGACATTTATGCCGGTATCGAATGGAAAGCCGGCTCCCTGAGGCCACCAA
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CGCTGACCATCGTGACAAGGGCAACATCATGAAATTCACCGAAGGTGCCTTCAAGGACTGGGGCTACGAGGTG
GCGAAGGAAGAATTCGGCGCCGAGCTGCTCGATGGCGGCCCATGGATGAAATTCAGAACCCGAAAACCGGCCG
CGAAGTCGTCGTCAAGGACGCCATCGCCGACGCCATGCTCCAGCAGATCCTGCTGCGTCCGGCCGAATACGATGT
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CCGACCTGATCATCAAGGGCACCAATGGCGCCATCAAGGCCAAGACCGTGACCTACGACTCGAACGTCTGATGG
AAGGCGCCACACTGGTGTCTTCTCGGGCTTCGGTGAAGCGCTGATCAAGCACATGTAA

SEQ ID NO: 3 -

MYEKIQPPSEGSKIRFEAGKPIVPDNIIPFIRGDGTGVDIWPATERVLDAAVAKAYGGQRKITWFKVYAGDEACDLYGT
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EWKQGDPTGDRLIKLLNEDFIPNSPSLGKKQIRLDSGIGIKPISKTGSQRLIRRAIEHALRLEGRKRHVTLVHKGNIMKFTE
GAFRDWGYELATTEFRDTCVTERESWILANQESKPDLSLEDNARLIEPGYDAMTPEKQAAVVAEVKAVLDSIGATHGN
GQWKSXLVDDRIADSIFQIQTRPGEYSVLATMNLNGDYISDAAAAGVGLGMAPGANIGDEAAIFEATHGTAPKH
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SEQ ID NO: 4 -

AGGGCAAGCTTATGTACGAGAAGATTCAACCCCTAGCGAAGGCAGCAAAATTCGCTTTGAAGCCGGCAAGCCGA
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CGACGATTAGGGATCCAGCGC

SEQ ID NO. 5 -

MAFFTAASKADFQHQALQAALAHISEQALPQVALFAEQFFGIISLDELTRRLSDLAGCTLSAWRLLERFDHAQPQVRV
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KQQRLEQAILTALDDVQVLNEDRILRRYLDLIKATLRNFYQTDANGQNKSYFSFKFNPHLIPELPKPVKFEIFVYSPRVE
GVHLRFGNVARGGLRWSDREEDFRTEVLGLVKAQQVKNSVIVPVGAKGGFLPRRLPLGGSRDEIAAEGIACYRIFISGLL
DITDNLKDGKLVPPANVVRHDDDDPYLVVAADKGTATFSDIANGIAIDYGFWLGDAFASGGSAGYDHKKMGITAKGA
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SEQ ID NO. 6 -

ATGGCGTTCTTCACCGCAGCCAGCAAAGCCGACTTCCAGCACCAACTGCAAGCGGCACTGGCGCAGCACATCAGT
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CGTGACCGTCCGGCCTACCCGGACTACGTGTCGATCCGCGAAATCGATGCCGACGGCAAAGTGATCAAGGAACA
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CATGATCGAACGCTGGCGCGCCATGCTGGTGGAATCCGTGCCGCGAGCGGCACCGACTACGCCATGTACGCGGT
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SEQ ID NO. 7 -

MIHAPSRWGVFVPSLGLCSPDVVWNEHPSLYMDKEETSMTNLQTFELPTEVTGCAADISLGRALIQAQWQKDGIFQIKTD
SEQDRKTQEAMAASKQFCKEPLTFKSSCVSDLTYSYVASGEEVTAGKPDFPEIFTVCKDLSVGDRVKAGWPCHGPV
PWPNNYQKSMKTFMEELGLAGERLLKLTALGFELPINTFTDLTRDGHMVRVLRFPQTSLSRGIGAHTDYGLLVIA
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SEQ ID. NO. 8-

ATGATACACGCTCCAAGTAGATGGGGAGTATTTCCCTCACTAGGGTTATGCAGCCCGGACGTTGTGTGGAATGAG
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CCTGAAGAAATACAGCGACACCCGTGCGACCGGCAGC

SEQ ID NO. 9-

MYKLVQITVNSDEKNVLGDFILELGKDHKRYFLRNEILQAFADYCHQFPKPAYFYHSSSLGTFIQYTHEIILDGENTWVFV
RPKIASQEVWLLSADLTKEFELMTPKALLDVSDRLVKRYQPHILEIDLHPFYSAAPRIDDSRNIGQGLTVLNHYFCNQALTD
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LERLMDNPEPAILETFVSRICAVFRVVLISHGWVAQEDVLGRDET LGQVIYVLEQARSLENKMRAEIKLAGLDTLGKPHI
IILTRIPNCEGTFCNLPLEKVDGTENAWILRVPFAESRPEITNNWISKFEIWPYLEKFALDAEAEELLKQFQGKPNLIIGNYS
DGNLVAFILSRKMKVTQCNIASLEKPKYLFNLYWQDLEAQYHFSAQFTADLISMNAADFIITSSYQEIVGTPDTMGQY
ESYKCFMPNLYHVIDGIDLFSPKFNVVLPVSENIFFPYNQTTNRESHRRQHIQDLIFHQEHPEILGKLDHPHKPIFSVS
PITSIKNLTGLVECFGKSEELQKHSNLILLTSKLHPDLGTNSEEIQEIAKIHAIIDQYHLHHKIRWLGMRLPLRDIAETYRVIA
DFQGIYHFALYESFSRSILEAMISGLPTFTTQFGGSLEIENHDQGFNLNPTDLAGTAKTIINFLEKCNYPEHWLENSQW
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SEQ ID NO. 10: -

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TCATCTATCCCGAAGATAACGAAGCCAGAGATCGTTACATGGAAAGTTATTTTCATCTTCTTTATAAACCTATAGCT
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SEQ ID NO. 11: -

MAAQNLVILHIQTHGLLRGQNLELGRDADTGGQTKYVLELAQAQAKSPQVQQVDIITRQITDPRVSVGYSQAIEPFAPK
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SEQ ID NO. 12: -

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