Virus	Segment	Covering positions from start codon ATG	Consensus sequence
NLCH	PB2	1-2280	**ATG**GAGAGAATAAAAGAACTAAGAGATCTAATGTCTCAATCCCGC ACTCGCGAGATACTAACAAAAACCACTGTGGACCATATGGCCATA ATCAAGAAATACACATCAGGAAGACAAGAGAAGAACCCTGCTCTC AGAATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC AAGAGAATAATGGAAATGATTCCTGAAAGAAATGAACAAGGCCA GACGCTTTGGAGCAAGACAAATGATGCTGGATCAGACAGAGTGAT GGTGTCTCCCCTAGCTGTAACTTGGTGGAATAGAAATGGACCGAC AGCAAGTACAGTCCATTATCCAAAGGTCTACAAAACATACTTTGA GAAGGTTGAAAGGTTAAAGCATGGAACCTTCGGTCCCGTTCACTTC CGAAACCAAATTAAAATACGCCGCCGAGTTGACATAAACCCAGGC CACGCAGATCTCAGTGCCAAAGAAGCACAAGATGTCATCATGGAG GTCGTTTTCCCAAATGAAGTGGGAGCTAGAATATTGACATCAGAG TCACAATTGACAATAACGAAAGAGAAAAAAGAAGAACTCCAGGA TTGCAAGATTGCTCCTTTAATGGTGGCATACATGTTGGAAAGAGAA CTGGTCCGCAAAACCAGATTCCTACCAGTAGCAGGTGGGACAAGC AGTGTGTACATTGAGGTACTGCACCTGACCCAAGGGACCTGCTGG GAACAGATGTACACTCCAGGCGGAGAAGTGAGAAATGACGATGTT GACCAGAGTTTGATCATCGCGGCCAGAAACATTGTTAGGAGAGCA ACGGTATCAGCGGATCCACTGGCATCATTATTGGAGATGTGCCAC AGCACACAAATTGGTGGGACAAGGATGGTGGATATCCTTAGGCAA AATCCAACTGAGGAACAAGCTGTGGATATATGCAAAGCAGCAATG GGTTTAAGGATTAGTTCATCCTTTAGCTTTGGAGGATTCACCTTCA AAAGAACTAGTGGTTCATCCATTAGAAAGGAAGAGGAAGTGCTTA CAGGCAACCTCCAAACATTGAAAATAAGAGTACATGAGGGGTAT GAGGAGTTCACAATGGTTGGGCGAAGAGCAACAGCCATTCTAAGG AAAGCAACTAGAAGGCTGATTCAGTTGATAGTAAGTGGAAGAGAC GAACAATCAATCGCTGAAGCAATCATCGTAGCCATGGTGTTCTCAC AGGAGGATTGCATGATAAAGGCAGTCCGAGGCGATCTAAATTTT GTGAACAGAGCAAACCAAAGATTGAACCCCATGCATCAACTCCTG AGACACTTCCAAAAAGATGCAAAAGTGCTGTTTCAAAATTGGGGG ATCGAACCCATTGATAATGTCATGGGGATGATTGGAATATTGCCTG ACATGACTCCAAGCACAGAGATGTCACTAAGAGGAGTAAGAGTT AGTAAAATGGGAGTAGATGAATATTCCAGCACTGAGAGAGTGGTT GTAAGCATTGACCGTTTCTTGCGGGTTCGAGATCAGCAGGGGAAC GTACTCCTATCTCCCGAAGAAGTCAGCGAAACACTGGGAACAGAA AAATTAACAATAACATATTCATCATCAATGATGTGGGAAATCAAT GGTCCTGAGTCAGTGCTGGTCAACACCTATCAATGGATCATCAGA AATTGGGAGATTGTGAAGATTCAATGGTCTCAAGACCCCACGATG CTGTACAATAAGGTGGAGTTTGAACCGTTCCAATCCTTGGTACCTA AAGCTGCCAGAGGCCAATACAGTGGATTTGTGAGAACACTGTTC CAACAAATGCGTGACGTATTGGGGACATTTGATACTATTCAGATA ATAAAGCTGTTACCGTTTGCAGCAGCCCCACCGGAGCATAGCAGA ATGCAATTTTCTTCCCTGACCGTGAATGTAAGGGGCTCGGGAATGA GAATACTCGTAAGGGGTAACTCCCCTGTGTTCAACTACAATAAG GCAACCAAAAGGCTTGCCGTCCTTGGAAAGGACGCAGGTGCATTA ACAGAGGATCCAGATGAGGGGACAACAGGAGTGGAATCTGCAGT GCTGAGGGGGTTCCTAATTCTGGGCAGGGAGGACAGAAGATATGG ACCAGCACTAAGCATCAATGAACTGAGCAATCTTGCGAAAGGGGA GAAAGCCAATGTGCTGATAGGGCAAGGAGACGTGGTGCTGGTAAT GAAACGGAAACGGGACTCTAGCATACTTACTGACAGCCAGACAGC GACCAAAAGAATTCGGATGGTCATCAATTAG
NLCH	PB1	1-2277	**ATG**GATGTCAACCCGACTCTACTCTTCTTGAAAGTGCCAGCGCAA

			AATGCTATAAGTACCACATTCCCCTATACTGGAGATCCTCCATACA GCCATGGAACAGGAACAGGATACACCATGGACACAGTCAACAGA ACGCATCAATACTCAGAAAAGGGAAAGTGGACAAAAAACACCGA GACTGGAGCACCCCAACTCAACCCAATTGATGGACCATTACCTGA GGATAACGAGCCAAGCGGATATGCACAAACGGATTGTGTGTTGGA AGCAATGGCTTTCCTTGAAGAGTCCCACCCAGGGATCTTTGAAAAC TCATGTCTTGAAACAATGGAAATTGTTCAACAAACAAGAGTGGAC AAACTGACCCAAGGTCGTCAGACCTATGACTGGACATTGAATAGA AACCAGCCGGCTGCAACTGCTTTAGCCAACACTATAGAAGTCTTCA GATCGAACGGTCTAACAGCCAATGAGTCAGGGAGACTGATAGATT TCCTCAAAGATGTGATGGAGTCAATGGACAAAGAAGAAATGGAA ATAACAACACATTTCCAAAGAAAGAGAAGAGTAAGAGACAATAT GACCAAGAAAATGGTCACACAAAGAACAATAGGGAAGAAAAAAC AGAGACTGAACAAGAAGAACTACTTGGTAAGGGCACTGACACTGA ACACAATGACAAAAGATGCAGAAAGAGGCAAGTTGAAGAGGCGG GCAATTGCAACACCCGGGATGCAAATCAGAGGGTTCGTGTACTTT GTCGAAACATTAGCGAGGAGCATCTGCGAGAAACTTGAGCAATCT GGGCTCCCTGTTGGAGGAAATGAAAAAAAGGCTAAGTTGGCAAAT GTCGTGAGAAAGATGATGACTAACTCACAAGACACAGAGCTATCC TTTACAATTACTGGAGACAATACCAAGTGGAACGAGAATCAGAAT CCTCGGATTTTTTTGGCAATGATAACATATATCACAAGAAATCAAC CTGAGTGGTTTAGAAATGTGTTAAGTATTGCCCCTATAATGTTCTC AAACAAAATGGCAAGGTTAGGGAAAGGATACATGTTCGAAAGTA AGAGCATGAAGCTACGGACACAAATACCAGCAGAAATGCTTGCAA CCATTGACCTGAAATATTTCAACGAATCGACAAGAAAGAAAATTG AGAAAATAAGGCCTCTCCTAATAGAAGGGACAGCCTCGTTGAGTC CTGGAATGATGATGGGCATGTTCAACATGCTGAGTACAGTCTTGG GAGTATCAATTCTAAATCTTGGCCAAAAGAGGTACACCAAAACCA CATACTGGTGGGACGGACTCCAATCCTCTGATGATTTCGCTCTCAT AGTAAATGCACCGAATCATGAGGGAATACAGGCAGGAGTGGACA GGTTCTATAGGACTTGTAAATTGGTTGGGATCAATATGAGTAAAA AGAAATCCTATATAAATCGGACAGGAACATTTGAATTCACAAGCT TTTTCTACCGTTATGGGTTTGTAGCCAACTTCAGCATGGAGCTGCC CAGCTTTGGAGTTTCTGGGATCAATGAATCGGCTGACATGAGCATT GGAGTTACAGTAATAAAGAATAACATGATAAACAACGATCTTGGA CCAGCAACAGCTCAAATGGCTCTTCAGCTATTTATCAAGGACTACA GATATACATATCGATGCCACAGGGGTGATACACAAATACAAACAA GGAGATCATTCGAGCTAAAGAAGCTGTGGGAGCAGACCCGTTCAA AGGCAGGACTGTTGGTTTCAGATGGAGGCCCAAACTTATACAATA TACGGAATCTCCACATCCCAGAGGTCTGCTTGAAGTGGGAACTGA TGGATGAAGATTACCAGGGTAGACTTTGTAATCCCCTGAACCCCTT TGTCAGTCATAAGGAAATTGAATCCGTAAACAATGCTGTAGTGAT GCCAGCCCATGGTCCGGCCAAAAGCATGGAATATGATGCTGTTGC GACCACACACTCATGGGTCCCTAAGAGGAACCGTTCCATTCTGAAT ACCAGTCAAAGAGGAATCCTTGAGGATGAACAGATGTATCAGAAG TGCTGCAATCTATTTGAAAAATTCTTCCCTAGTAGCTCATACAGGA GGCCAGTTGGAATCTCCAGTATGGTGGAGGCCATGGTGTCTAGGG CCCGAATTGATGCACGGATTGACTTCGAGTCTGGTAGGATTAAGA AGGAAGAGTTTGCTGAGATCATGAAGATCTGTTCCACCATTGAAG AGATCAGACGGCAAAAACAGTGA
NLCH	PA	-6-2190	TCCAAA**ATG**GAAGACTTTGTGCGACAATGCTTCAATCCAATGATC ATCGAGCTTGCGGAAAAGACAATGAAAGAATATGGGGAAAATCC AAAAATCGAAACGAACAAATTCGCTGCAATATGCACTCACTTAGA GGTCTGTTTCATGTATTCGGATTTCCACTTTATTGATGAACGTGGT AAATCAATAATTGTAGAATCTGGCGATCCGAATGCATTATTGAAA CACCGATTTGAGATAATTGAAGGGAGGGACCGAACGATGGCTTGG

			ACAGTGGTAAATAGTATCTGCAACACCACAGGAGTCGATAAGCCT AAATTCCTCCCAGATTTGTATGATTACAAGGAGAACCGATTCATT GAAATTGGAGTGACAAGGAGGGAAGTTCACACATACTACCTAGAA AAGGCAAATAAGATAAAATCAGAGAAGACACACATTCACATATTC TCATTCACTGGGGAGGAGATGGCCACCAAAGCTGATTATATCCTTG ATGAAGAGAGCAGGGCAAGGATCAAAACCAGGTTGTTCACTATC AGGCAAGAAATGGCCAATAGGGGTCTGTGGGATTCCTTTCGTCAA TCTGAGAGAGGCGAAGAGACAATTGAAGAAAGGTTTGAAATCACA GGAACCATGCGCAGGCTTGCCGACCAAAGTCTCCCACCGAATTTCT CCAGCCTTGAAAATTTTAGAGCCTATGTGGATGGATTCAAACCG AACGGCTGCCTTGAGGGCAAGCTTTCTCAAATGTCAAAAGAAGTG AACGCCAGAATTGAGCCATTCATGAAGAAAACACCACGCCCTCTC AGATTACCTGATGGTCCTCCTTGCTCTCAGCGGTCGAAATTCTTAC TGATGGATGCTCTTAAATTGAGCATCGAAGACCCAAGCCATGAG GGAGAAGGTATACCGCTATATGATGCAATCAAATGCATGAAGACG TTTTTTGGTTGGAAAGAGCCCAACATTGTAAAACCACATGTAAAA GGCATAAATCCCAACTATCTCTTGGCTTGGAAGCAGGTGCTGGTAG AACTCCAAGACATTGAAAATGAAGAGAAAATCCCAAAAACAAAA AACATGAAGAAAACAAGCCAACTAAAATGGGCACTCGGTGAGAA TATGGCACCTGAAAAAGTGGACTTTGAGGACTGCAAAGATGTTAG CGATCTAAGACAGTATGACAGTGATGAACCAGAGCCCAGATCATT ATCAAGCTGGATCCAGAGCGAATTCAACAAAGCATGCGAATTGAC AGATTCGAGTTGGATTGAACTTGATGAAATAGGAGAAGATGTTGC TCCAATTGAGCACATTGCGAGTATGAGAAGAAACTACTTCACAGC GGAAGTGTCTCATTGCAGGGCTACTGAATATATAATGAAAGGAGT TTATATAAATACAGCCCTGTTGAATTCATCCTGTGCAGCCATGGAT GACTTCCAATTGATTCCAATGATAAGCAAGTGCAGAACCAAAGAA GGAAGACGGAAGACAAATCTATATGGGTTCATTATAAAAGGAAGA TCCCATTTGAGGAATGATACCGATGTGGTAAATTTTGTGAGCATGG AGTTCTCTCTTACTGACCCGAGGCTGGAACCACACAAGTGGGAA AAGTACTGTGTTCTCGAAATAGGAGACATGCTCCTACGAACTGCA ATAGGCCAAGTATCAAGACCCATGTTTCTTTATGTAAGGACCAATG GGACTTCCAAGATCAAGATGAAATGGGGCATGGAGATGAGGCGAT GCCTTCTTCAATCCCTCCAACAAATTGAGAGCATGATTGAGGCA GAGTCTTCTGTCAAAGAGAAGGACATGACCAAGGAATTCTTTGAA AATAAATCAGAAACGTGGCCAATTGGGGAATCACCTAAGGGGGTG GAGGAAAGCTCTATTGGGAAAGTGTGTAGAACATTACTAGCAAAA TCTGTATTCAACAGCCTATATGCATCTCCACAACTTGAGGGGTTT TCAGCTGAGTCGAGAAAGTTACTTCTCATTGTTCAGGCATTTAGGG ACAACCTGGAACCTGGGACCTTCGATCTTGGGGGGCTATATGAAG CAATTGAGGAGTGCCTGATTAATGATCCCTGGGTTTTGCTTAATGC ATCTTGGTTCAACTCCTTCCTTACACATGCACTGAAATAGTTG TGGCAATGCTACTATTTGCTATCCATACTGTCCAAA
NLCH	HA	7-1704	AAAATAGTGCTTCTTCTTGCAGTGGTTAGCCTTGTTAAAAGTGATC AGATTTGCATTGGTTACCATGCAAACAACTCAACAAAACAGGTTG ACACAATAATGGAAAAAAACGTCACTGTTACACATGCCCAAGACA TACTGGAAAAGACACACAACGGGAAGCTCTGCGATCTTAATGGA GTGAAGCCCCTGATTCTAAAGGATTGTAGCGTAGCTGGGTGGCTCC TTGGAAATCCAATGTGCGACGAGTTCATCAGGGTGCCGGAATGGT CTTACATCGTGGAGAGGGCTAACCCAGCCAACGACCTCTGTTACCC AGGGACCCTCAATGACTATGAGGAACTGAAACACCTACTGAGC AGAATAAATCATTTTGAGAAAACTCTGATCATCCCCAAGAGTTCTT GGCCCAATCATGAAACATCATTAGGGGTGAGCGCAGCATGTCCAT ACCAGGGAGCATCCTCATTTTTCAGAAATGTGGTATGGCTCATCAA AAAGAACGATGCATACCCGACAATAAAGATAAGCTACAATAAT ACCAATCGGGAAGATCTTTTGATACTGTGGGGGATTCATCATCCCA

			ACAATGCAGAAGAGCAGACAAATCTCTATAAAAACCCAGACACTT ATGTTTCCGTTGGGACATCAACATTAAACCAGAGATTGGTGCCAA AAATAGCTACTAGATCCCAAGTAAACGGGCAACGTGGAAGAATG GATTTCTTCTGGACAATTTTAAAACCGAATGATGCAATCCACTTTG AGAGTAATGGAAATTTCATTGCTCCAGAATATGCCTACAAAATTGT CAAGAAAGGGGACTCAACAATTATGAAAAGTGAAGTGGAGTATG GCCACTGCAACACCAAATGTCAAACCCCAATAGGGGCGATAAAC TCTAGCATGCCATTCCACAATATACACCCTCTCACCATCGGGGAAT GCCCCAAATACGTGAAGTCAAACAAATTAGTCCTTGCGACTGGGC TCAGAAATAGTCCTCTAAGGGAAAGAAGAAGAAAAAGAGGACTA TTTGGAGCTATAGCAGGGTTTATAGAGGGAGGATGGCAGGGAATG GTAGACGGTTGGTATGGGTACCACCATAGCAATGAGCAGGGGAGT GGGTACGCTGCAGACAAAGAATCCACCCAAAAGGCAGTAGATGG AGTTACCAATAAGGTCAACTCAATCATTGACAAAATGAACACTCA ATTTGAGGCCGTTGGAAGGGAATTTAATAATTTAGAAAGGAGAAT AGAGAATCTAAACAAGAAAATGGAAGACGGATTCCTAGATGTCTG GACTTATAATGCTGAACTTTTAGTTCTCATGGAAAATGAGAGAACT CTAGATTTCCATGACTCAAATGTCAAGAACCTTTACGACAAAGTCC GACTACAGCTTAGGGATAATGCAAAGGAGCTGGGTAATGGTTGT TTCGAGTTCTATCACAAATGTGATAACGAATGTATGGGAAGCGTA AGAAATGGGACGTATGACTACCCTAAGTATTCAGAAGAAGCAAGG TTAAAAAGAGAAGAAATAAGCGGAGTGAAATTAGAATCAATAGG AACTTACCAAATACTGTCAATTTATTCAACAGTGGCGAGTTCCCTA GCACTGGCAATCATAGTGGCTGGTCTATCTTTATGGATGTGCTCTA ATGGGTCGCTACAATGCAGAATTTGCATCTAA
NLCH	NP	1-1497	**ATG**GCGTCTCAAGGCACCAAACGATCTTATGAACAGATGGAAACT GGTGGAGAACGCCAGAATGCCACTGAAATCAGAGCATCTGTTGGA AGAATGGTTGGTGGAATTGGAAGGTTTTATATACAGATGTGCACT GAACTCAAACTCAGCAATTATGAGGGGAGACTGATCCAGAACAGC ATAACAATAGAAAGAATGGTTCTCTCTGCATTTGATGAAAGGAGG AACAAGTACCTGGAAGAACATCCCAGTGCGGGGAAGGACCCAAA GAAAACTGGAGGTCCAATCTACAGAAGAAGAGACGGAAAGTGGA TGAGGGAGCTGATTCTGTATGACAAAGAAGAGATCAGAAGGATCT GGCGTCAAGCAAATAATGGAGAAGATGCAACTGCTGGTCTCACCC ATCTGATGATCTGGCACTCCAACCTGAATGATGCCACATATCAGAG GACAAGGGCTCTCGTGCGCACTGGAATGGATCCCAGAATGTGCTC TCTGATGCAAGGATCAACTCTCCCAAGAAGGTCTGGAGCTGCTGG TGCAGCAGTAAAAGGGGTCGGAACAATGGTAATGGAATTGATTCG AATGATAAAGCGAGGGATTAATGATCGGAATTTCTGGAGAGGCGA AAATGGAAGAAGGACAAGGATTGCCTATGAGAGAATGTGCAACAT CCTCAAAGGGAAATTTCAAACAGCAGCACAAAGAGCAATGATGGA TCAAGTGCGAGAAAGCAGGAATCCTGGGAATGCTGAAATTGAAGA TCTCATTTTTCTGGCACGGTCTGCACTCATCCTGAGAGGATCAGTG GCCCACAAGTCTTGTCTGCCTGCTTGTGTTTACGGACTTGCTGTGG CCAGTGGATATGACTTTGAGAGAGAAGGATACTCTCTGGTTGGA ATAGACCCTTTCCGTCTGCTTCAAAACAGCCAGGTCTTCAGTCTCA TTAGACCAAATGAAAACCCAGCACATAAAAGTCAGTTGGTATGGA TGGCATGCCATTCAGCAGCGTTTGAGGACCTGAGAGTATCAAGTTT CATCAGAGGGACAAGAGTGGTCCCAAGAGGACAACTATCCACCAG AGGAGTTCAAATTGCATCAAATGAAAACATGGAAACAATGGACTC CAGCACTCTTGAATTGAGAAGCAGATACTGGGCTATAAGAACCAG GAGTGGAGGAAACACCAACCAACAGAGAGCTTCTGCAGGACAAA TCAGCGTACAACCCACCTTCTCAGTACAGAGAAATCTTCCCTTT GAAAGAACGACCATCATGGCGGCATTTACAGGGAACACTGAAGGC AGGACCTCTGACATGAGGACTGAGATCATAAGAATGATGGAAAGT GCCAAACCAGAAGATGTGTCCTTCCAGGGGCGGGGAGTCTTCGAG

			CTCTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGAC ATGAGCAACGAAGGATCTTATTTCTTCGGAGACAGTGCAGAGGAG TATGACAATTAA
NLCH	NA	4-1419	AATCCAAATCAGAAAATAGTAACCATTGGCTCCATTTCATTAGGGT TGGTTGTATTCAATGTTCTACTGCATGCTGTGAGCATCATATTAAC AGTGTTAGCCCTGGGGAAGAGTGAAAACAATGGAATCTGCAATGG AACTGTAGTGAGAGAATACAATGAAACAGTTAGAATAGAGAAA GTGACTCAATGGTACAATACTAGCGTAGTCGAATATGTACCGCATT GGAATGAGGGCACTTATATAAATAACACCGAACCAATATGTGATG TCAAGGGCTTTGCACCTTTTTCCAAGGACAACGGGATAAGAGTTG GCTCCAGGGGACATATTTTTGTCATAAGAGAGCCTTTCGTCTCT TGTTCACCTGTAGAGTGCAGGACTTTCTTCCTCACTCAGGGATCTC TACTCAATGACAAACACTCAAATGGAACAATGAAGGATAGAAGCC CATTCAGAACTCTCATGAGTGTCGAAGTGGGCCAATCACCCAATGT ATATCAAGCCAGGTTTGAAGCTGTGGCATGGTCAGCAACAGCC TGTCATGATGGTAAGAAGTGGATGACGATTGGTGTAACAGGGCCA GATTCTAAAGCAGTAGCAGTAGTTCATTACGGAGGGGTGCCTACT GACGTTGTTAACTCCTGGGCAGGAGATATATTAAGAACTCAGGAG TCATCTTGTACTTGCATTCAAGGTAATTGTTATTGGGTAATGACT GACGGTCCTGCCAATAGACAGGCGCAGTATAGAATATACAAAGCA AATCAAGGCAAAATAATTGGCCGAACAGATGTTAGCTTTAGTGGA GGACATATTGAGGAATGTTCTTGTTATCCAAATGATGGTAAAGTGG AATGCGTGTGTAGAGACAACTGGACGGGAACTAACAGGCCTGTA CTAATTATTTCGCCTGATCTCTCTTACAGGGTTGGGTATTTATGTGC AGGGTTGCCCAGTGACACTCCAAGAGGGGAAGATACTCAATTTGT CGGTTCATGCACTAGTCCCATGGGAAATCAGGGATATGGCGTAAA AGGGTTCGGGTTTCGACAGGGAACTGATGTGTGGGTGGGGCGG ACAATTAGTCGAACCTCCAGATCAGGATTTGAAATAATAAGGATA AAGAATGGTTGGACGCAAACAAGCAAAGAACAGATTAGAAGACA GGTGGTTGTTGATAACTCGAATTGGTCGGGATACAGTGGGTCTTTC ACTTTACCAGTAGAATTGTCTGGGAGGGAATGTTTGGTTCCCTGT TTTTGGGTCGAAATGATCAGAGGTAGGCCAGAAGAGAGAACAATC TGGACCTCTAGTAGCTCCATTGTAATGTGTGGAGTTGATTATGAAA TTGCCGATTGGTCATGGCACGATGGAGCTATTCTTCCCTTTGACAT CGATAAGACGTAATTTACG
NLCH	MP	-5-982	GAAAG**ATG**AGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTAT CATCCCGTCAGGCCCCCTCAAAGCCGAGATCGCGCAGAGACTTGA AGATGTCTTTGCAGGGAAAAACACCGATCTCGAGGCTCTCATGGA GTGGCTAAAGACAAGACCAATCCTGTCACCTCTGACTAAAGGGA TTTTGGGATTTGTGTTCACGCTCACCGTGCCCAGTGAGCGAGGACT GCAGCGTAGACGCTTCGTCCAGAATGCCCTAAATGGAAACGGGGA TCCAAATAATATGGATAAGGCAGTTAAGCTATATAAGAAGCTGAA AAGAGAGATAACATTCCATGGGGCTAAGGAGGTCGCACTTAGCT ACTCAACCGGTGCACTTGCCAGCTGCATGGGTCTCATATACAACAG GATGGGAACGGTGACTACAGAAGTGGCTTTTGGCCTAGTGTGTGC CACTTGTGAGCAGATTGCAGATTCACAGCATCGGTCCCACAGACA GATGGCAACCATCACCAACCCATTAATCAGACATGAGAACAGAA TGGTGCTGGCCAGCACTACAGCTAAGGCCATGGAGCAGATGGCAG GATCAAGCGAGCAGGCATCAGAAGCCATGGAGGTTGCTAATCAGG CCAGGCAGATGGTACAGGCAATGAGGACAATTGGGACTCATCCTA ACTCTAGTGCTGGTCTGAGAGATAATCTTCTTGAAAATTTGCAGG CCTACCAGAACCGAATGGGAGTGCAGATGCAGCGATTCAAGTGAT CCTCTTGTTGTTGCCGCAAATATCATTGGGATCCTGCACTTGATATT GTGGATCCTTGATCGTCTTTTCTTCAAATGCATTTATCGTCGCCTTA AATACGGTTTGAAAATAGGGCCTTCTACGGAAGGGGTACCT GAGTCTATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTG

			GATGTTGACGATGGTCATTTTGTCAACATAGAATTGGAGTAA
NLCH	NS	1-838	**ATG**GACTCCAACACTGTGTCAAGCTTTCAGGTAGACTGCTTTCTTT GGCATGTCCGCAAACGATTTGCAGACCAAGAACTGGGTGATGCCC CATTCCTTGACCGGCTTCGCCGAGACCAGAAGTCCCTAAGAGGAA GAGGCAGCACTCTTGGTCTGGACATCGAGACAGCTACTCGTGCG GGAAAGCAAATATTGGAGCGGATTCTGGGGGAAGAATCTGATGAA GCACTTAAAATGAATATTGCTTCTGTACCGACTTCACGCTACCTAA CTGACATGACTCTTGAAGAAATGTCAAGAGACTGGTTCATGCTCAT GCCCAAGCAGAAAGTAGCAGGTTCTCTCTGCATCAAAATGGACCA GGCAATAATGGATAAAACCATCATACTGAAAGCAAACTTCAGTGT GATTTTTGATCGGCTGGAAACCCTAATATTACTTAGAGCTTTCACA GAAGAAGGAGCAATTGTGGGAGAAATCTCACCATTACCTTCTCTTC CAGGACATACTGATGAGGATGTCAAAATTGCAATTGGGGTCCTCA TCGGAGGGCTTGAATGGAATGATAACACAGTTCGAGTCTCTGAAA CTCTACAGAGATTCACTTGGAGAAGCAGTAATGAGGATGGGAGAC CTTCACTCCCTTCAAAACAGAAACGGAAAATGGCGAGAACAATTG AGTCAGAAGTTCGAGGAAATAAGATGGCTGATTGAGGAAATGCGA CATAGATTGAAGATCACAGAGAACAGCTTCGAACAAATAACGTTT ATGCAAGCTTTACAACTATTGCTTGAAGTGGAGCAAGAGATAAGA ACCTTCTCGTTTCAGCTTATTTAA
DETU	PB2	1-2287	**ATG**GAGAGAATAAAAGAACTAAGAGATCTAATGTCTCAATCCCGC ACTCGCGAGATACTAACAAAAACCACTGTGGACCATATGGCCATA ATCAAGAAATACACATCAGGAAGACAAGAGAAGAACCCTGCTCTC AGAATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC AAGAGAATAATGGAAATGATTCCTGAAAGAAATGAACAAGGCCA GACGCTTTGGAGCAAGACAAATGATGCTGGATCAGACAGAGTGAT GGTGTCTCCCCTAGCTGTAACTTGGTGGAATAGAAATGGACCGAC AGCAAGTACAGTCCATTATCCAAAGGTCTACAAAACATACTTTGA GAAGGTTGAAAGGTTAAAGCATGGAACCTTCGGTCCCGTTCACTTC CGAAACCAAATTAAAATACGCCGCCGAGTTGACATAAACCCAGGC CACGCAGATCTCAGTGCCAAAGAAGCACAAGATGTCATCATGGAG GTCGTTTTCCCAAATGAAGTGGGAGCTAGAATATTGACATCAGAG TCACAATTGACAATAACGAAAGAGAAAAAAGAAGAACTCCAGGA TTGCAAGATTGCTCCTTTAATGGTGGCATACATGTTGGAAAGAGAA CTGGTCCGCAAAACCAGATTCCTACCAGTAGCAGGTGGGACAAGC AGTGTGTACATTGAGGTACTGCACCTGACCCAAGGGACCTGCTGG GAACAGATGTACACTCCAGGCGGAGAAGTGAGAAATGACGATGTT GACCAGAGTTTGATCATCGCGGCCAGAAACATTGTTAGGAGAGCA ACGGTATCAGCGGATCCACTGGCATCATTATTGGAGATGTGCCAC AGCACACAAATTGGTGGGACAAGGATGGTGGATATCCTTAGGCAA AATCCAACTGAGGAACAAGCTGTGGATATATGCAAAGCAGCAATG GGTTTAAGGATTAGTTCATCCTTTAGCTTTGGAGGATTCACCTTCA AAAGAACAAGTGGTTCATCCATTAGAAAGGAAGAGGAAGTGCTTA CAGGCAACCTCCAAACATTGAAAATAAGAGTACATGAGGGGTAT GAGGAGTTCACAATGGTTGGGCGAAGAGCAACAGCCATTCTAAGG AAAGCAACTAGAAGGCTGATTCAGTTGATAGTAAGTGGAAGAGAC GAACAATCAATCGCTGAAGCAATCATCGTAGCCATGGTGTTCTCAC AGGAGGATTGCATGATAAAGGCAGTCCGAGGCGATCTAAATTTT GTGAACAGAGCAAACCAAAGATTGAACCCCATGCATCAACTCCTG AGACACTTCCAAAAAGATGCAAAAGTGCTGTTTCAAAATTGGGGG ATCGAACCCATTGATAATGTCATGGGGATGATTGGAATATTGCCTG ACATGACTCCAAGCACAGAGATGTCACTAAGAGGAGTAAGAGTT AGTAAAATGGGAGTAGATGAATATTCCAGCACTGAGAGAGTGGTT GTAAGCATTGACCGTTTCTTGCGGGTTCGAGATCAGCAGGGGAAC GTACTCCTATCTCCCGAAGAAGTCAGCGAAACACTGGGAACAGAA AAATTAACAATAACATATTCATCATCAATGATGTGGGAAATCAAT

			GGTCCTGAGTCAGTGCTGGTCAACACCTATCAATGGATCATCAGA AATTGGGAGATTGTGAAGATTCAATGGTCTCAAGACCCCACGATG CTGTACAATAAGGTGGAGTTTGAACCGTTCCAATCCTTGGTACCTA AAGCTGCCAGAGGCCAATACAGTGGATTTGTGAGAACACTGTTC CAACAAATGCGTGACGTATTGGGGACATTTGATACTATTCAGATA ATAAAGCTGTTACCGTTTGCAGCAGCCCCACCGGAGCATAGCAGA ATGCAATTTTCTTCCCTGACCGTGAACGTAAGAGGCTCGGGAATGA GAATACTCGTAAGGGGTAACTCCCCTGTGTTCAACTACAATAAG GCAACCAAAAGGCTTGCCGTCCTTGGAAAGGACGCAGGTGCATTA ACAGAGGATCCAGATGAGGGGACAACAGGAGTGGAATCTGCAGT GCTGAGGGGGTTCCTAATTCTGGGCAGGGAGGACAGAAGATATGG ACCAGCACTAAGCATCAATGAACTGAGCAATCTTGCGAAAGGGGA GAAAGCCAATGTGCTGATAGGGCAAGGAGACGTGGTGCTGGTAAT GAAACGGAAACGGGACTCTAGCATACTTACTGACAGCCAGACAGC GACCAAAAGAATTCGGATGGTCATCAATTAGTATCGAG
DETU	PB1	1-2277	**ATG**GATGTCAACCCGACTTTACTCTTCTTGAAAGTGCCAGCGCAAA ATGCTATAAGTACCACATTCCCTTATACTGGAGATCCTCCATACAG CCATGGAACAGGAACAGGATACACCATGGACACAGTCAACAGAA CGCATCAATACTCAGAAAAGGGAAAGTGGACAAAAAACACCGAG ACTGGAGCACCCCAACTCAACCCAATTGATGGACCATTACCTGAG GATAACGAGCCAAGCGGATATGCACAAACGGATTGTGTGTTGGAA GCAATGGCTTTCCTTGAAGAGTCCCACCCAGGGATCTTTGAAAACT CATGTCTTGAAACAATGGAAATTGTTCAACAAACAAGAGTGGAC AAACTGACCCAAGGTCGTCAGACCTATGACTGGACATTGAATAGA AACCAGCCGGCTGCAACTGCTTTAGCCAACACTATAGAAGTCTTCA GATCGAACGGTCTAACAGCCAATGAGTCAGGGAGACTGATAGATT TCCTCAAAGATGTGATGGAGTCAATGGACAAAGAAGAAATGGAA ATAACAACACATTTCCAAAGAAAGAGAAGAGTAAGAGACAATAT GACCAAGAAAATGGTCACACAAAGAACAATAGGGAAGAAAAAAC AGAGACTGAACAAGAAGAACTACTTGGTAAGGGCACTGACACTGA ACACAATGACAAAAGATGCAGAAAGAGGCAAGTTGAAGAGGCGG GCAATTGCAACACCCGGGATGCAAATCAGAGGGTTCGTGTACTTT GTCGAAACATTAGCGAGGAGCATCTGCGAGAAACTTGAGCAATCT GGGCTCCCTGTTGGAGGAAATGAAAAAAAGGCTAAGTTGGCAAAT GTCGTGAGAAAGATGATGACTAACTCACAAGACACAGAGCTATCC TTTACAATTACTGGAGACAATACCAAGTGGAACGAGAATCAGAAT CCTCGGATTTTTTTGGCAATGATAACATATATCACAAGAAATCAAC CTGAGTGGTTTAGAAATGTGTTAAGTATTGCCCCTATAATGTTCTC AAACAAAATGGCAAGATTAGGGAAAGGATACATGTTCGAAAGTA AGAGCATGAAGCTACGGACACAAATACCAGCAGAAATGCTTGCAA CCATTGACCTGAAATATTTCAACGAATCGACAAGAAAGAAAATTG AGAAAATAAGGCCTCTCCTAATAGAAGGGACAGCCTCGTTGAGTC CTGGAATGATGATGGGCATGTTCAACATGCTGAGTACAGTCTTGG GAGTATCAATTCTAAATCTTGGCCAAAAGAGGTACACCAAAACCA CATACTGGTGGGACGGACTCCAATCCTCTGATGATTTCGCTCTCAT AGTAAATGCACCGAATCATGAGGGAATACAGGCAGGAGTGGACA GGTTCTATAGGACTTGTAAATTGGTTGGGATCAATATGAGTAAAA AGAAATCCTATATAAATCGGACAGGAACATTTGAATTCACAAGCT TTTTCTACCGTTATGGGTTTGTAGCCAACTTCAGCATGGAGCTGCC CAGCTTTGGAGTTTCTGGGATTAATGAATCGGCTGACATGAGCATT GGAGTTACAGTAATAAAGAATAACATGATAAACAACGATCTTGGA CCAGCAACAGCTCAAATGGCTCTTCAGCTATTTATCAAGGACTACA GATATACATATCGATGCCACAGGGGTGATACACAAATACAAACAA GGAGATCATTCGAGCTAAAGAAGCTGTGGGAGCAGACCCGTTCAA AGGCAGGACTGTTGGTTTCAGATGGAGGCCCAAACTTATACAAT ATACGGAATCTCCACATCCCAGAGGTCTGCTTGAAGTGGGAACTG

			ATGGATGAAGATTACCAGGGTAGACTTTGTAATCCCCTGAACCCCT TTGTCAGTCATAAGGAAATTGAATCCGTAAACAATGCTGTAGTGAT GCCAGCCCATGGTCCGGCCAAAAGCATGGAATATGATGCTGTT GCGACCACACACTCATGGGTCCCTAAGAGGAACCGTTCCATTCTG AATACCAGTCAAAGAGGAATCCTTGAGGATGAACAGATGTATCAG AAGTGCTGCAATCTATTTGAAAAATTCTTCCCTAGTAGCTCATACA GGAGGCCAGTTGGAATCTCCAGTATGGTGGAGGCCATGGTGTCT AGGGCCCGAATTGATGCACGGATTGACTTCGAGTCTGGTAGGATT AAGAAGGAAGAGTTTGCTGAGATCATGAAGATCTGTTCCACCATT GAAGAGATCAGACGGCAAAAACAGTGA
DETU	PA	7-2190	GACTTTGTGCGACAATGCTTCAATCCAATGATCGTCGAGCTTGCGG AAAAGACAATGAAAGAATATGGGGAAAATCCAAAAATCGAAACG AACAAATTCGCTGCAATATGCACTCACTTAGAGGTCTGTTTCATGT ATTCGGATTTCCACTTTATTGATGAACGAGGTAAATCAATAATTGT AGAATCTGGCGATCCGAATGCATTATTGAAACACCGATTTGAGAT AATTGAAGGGAGGGACCGAACGATGGCTTGGACAGTGGTAAATAG TATCTGCAACACCACAGGAGTCGATAAGCCTAAATTCCTCCCAGAT TTGTATGATTACAAGGAGAACCGATTCATTGAAATTGGAGTGACA AGGAGGGAAGTTCACACATACTACCTAGAAAAGGCAAATAAGATA AAATCAGAGAAGACACACATTCACATATTCTCATTCACTGGGGAG GAGATGGCCACCAAAGCTGATTATATCCTTGATGAAGAGAGCAGA GCAAGGATCAAAACCAGGTTGTTCACTATCAGGCAAGAAATGGCC AATAGGGGTCTGTGGGATTCCTTTCGTCAATCTGAGAGAGGCGAA GAGACAATTGAAGAAAGGTTTGAAATCACAGGAACCATGCGCAGG CTTGCCGACCAAAGTCTCCCACCGAATTTCTCCAGCCTTGAAAATT TTAGAGCCTATGTGGATGGATTCAAACCGAACGGCTGCCTTGAGG GCAAGCTTTCTCAAATGTCAAAAGAAGTGAACGCCAGAATTGAGC CATTCATGAAGACAACACCACGCCCTCTCAGATTACCTGATGGTCC TCCTTGCTCTCAGCGGTCGAAATTCTTACTGATGGATGCTCTTAAA TTGAGCATCGAAGACCCAAGCCATGAGGGAGAAGGTATACCGCTA TATGATGCAATCAAATGCATGAAGACGTTTTTTGGTTGGAAAGAG CCCAACATTGTAAAACCACATGTAAAAGGCATAAATCCCAACTAT CTCTTGGCTTGGAAGCAGGTGCTGGTAGAACTCCAAGACATTGAA AATGAAGAGAAAATCCCAAAAACAAAAAACATGAAGAAAACAAG CCAACTAAAGTGGGCACTCGGTGAGAATATGGCACCTGAAAAAGT GGACTTTGAGGACTGCAAAGATGTTAGCGATCTAAGACAGTATGA CAGTGATGAACCAGAGCCCAGATCATTATCAAGCTGGATCCAGAG CGAATTCAACAAAGCATGCGAATTGACAGATTCGAGTTGGATTGA ACTTGATGAAATAGGAGAAGATGTTGCTCCAATTGAGCACATTGC GAGTATGAGAAGAAACTACTTCACAGCGGAAGTGTCTCATTGCAG GGCTACTGAATATATAATGAAAGGAGTTTATATAAATACAGCCCT GTTGAATTCATCCTGTGCAGCCATGGATGACTTCCAATTGATTCCA ATGATAAGCAAGTGCAGAACCAAAGAAGGAAGACGGAAGACAAA TCTATATGGGTTCATTATAAAAGGAAGATCCCATTTGAGGAATGAT ACCGATGTGGTAAATTTTGTGAGCATGGAGTTCTCTCTTACTGACC CGAGGCTGGAACCACACAAGTGGGAAAAGTACTGTGTTCTCGAAA TAGGAGACATGCTCCTACGAACTGCAATAGGCCAAGTATCAAGAC CCATGTTTCTTTATGTAAGGACCAATGGGACTTCCAAGATCAAGAT GAAATGGGGCATGGAGATGAGGCGATGCCTTCTTCAATCCCTCCA ACAAATTGAGAGCATGATTGAGGCAGAATCTTCTGTCAAAGAGAA GGACATGACCAAGGAATTCTTTGAAAATAAATCAGAAACGTGGCC AATTGGGGAATCACCTAAGGGGGTGGAGGAAAGCTCTATTGGGAA AGTGTGTAGAACATTACTAGCAAAATCTGTATTCAACAGCCTATAT GCATCTCCACAACTTGAGGGGTTTTCAGCTGAGTCGAGAAAGTTAC TTCTCATTGTTCAGGCATTTAGGGACAACCTGGAACCTGGGACCTT CGATCTTGGGGGGCTATATGAAGCAATTGAGGAGTGCCTGATTAA

			TGATCCCTGGGTTTTGCTTAATGCATCTTGGTTCAACTCCTTCCTTA CACATGCACTGAAATAGTTGTGGCAATGCTACTATTTGCTATCCAT ACTGTCCAA
DETU	HA	1-1728	**ATG**GAGAAAATAGTGCTTCTTCTTGCAGTGGTTAGCCTTGTTAAAA GTGATCAGATTTGCATTGGTTACCATGCAAACAACTCAACAAAAC AGGTTGACACAATAATGGAAAAAAACGTCACTGTTACACATGCCC AAGACATACTGGAAAAGACACACAACGGGAAGCTCTGCGATCTTA ATGGAGTGAAGCCCCTGATTCTAAAGGATTGTAGCGTAGCTGGGT GGCTCCTTGGAAATCCAATGTGCGACGAGTTTATCAGGGTGCCGG AATGGTCTTACATCGTGGAGAGGGCTAACCCAGCCAACGACCTCT GTTACCCAGGGACCCTCAATGACTATGAGGAACTGAAACACCTA CTGAGCAGAATAAATCATTTTGAGAAAACTCTGATCATCCCCAAG AGTTCTTGGCCCAATCATGAAACATCATTAGGGGTGAGCGCAGCA TGTCCATACCAGGGAGCATCCTCATTTTTCAGAAATGTGGTATGGC TCATCAAAAAGAACGATGCATACCCGACAATAAAGATAAGCTAC AATAATACCAATCGGGAAGATCTTTTGATACTGTGGGGGATTCATC ATCCCAACAATGCAGAAGAGCAGACAAATCTCTATAAAAACCCAG ACACTTATGTTTCCGTTGGGACATCAACATTAAACCAGAGATTGGT GCCAAAAATAGCTACTAGATCCCAAGTAAACGGGCAACGTGGAAG AATGGATTTCTTCTGGACAATTTTAAAACCGAATGATGCAATCCAC TTTGAGAGTAATGGAAATTTCATTGCTCCAGAATATGCCTACAAAA TTGTCAAGAAAGGGGACTCAACAATTATGAAAAGTGAAGTGGAGT ATGGCCACTGCAACACCAAATGTCAAACCCCAATAGGGGCGATAA ACTCTAGCATGCCATTCCACAATATACACCCTCTCACCATCGGGGA ATGCCCCAAATATGTGAAGTCAAACAAATTAGTCCTTGCGACTGG GCTCAGAAATAGTCCTCTAAGGGAAAGAAGAAGAAAAAGAGGAC TATTTGGAGCTATAGCAGGGTTTATAGAGGGAGGATGGCAGGGAA TGGTAGACGGTTGGTATGGGTACCACCATAGCAATGAGCAGGGGA GTGGGTACGCTGCAGACAAAGAATCCACCCAAAAGGCAGTAGATG GAGTTACCAATAAGGTCAACTCAATCATTGACAAAATGAACACTC AATTTGAGGCCGTTGGAAGGGAATTTAATAACTTAGAAAGGAGAA TAGAGAATTTAAACAAGAAAATGGAAGACGGATTCCTAGATGTCT GGACTTATAATGCTGAACTTTTAGTTCTTATGGAAAATGAGAGAAC TCTAGATTTCCATGACTCAAATGTCAAGAACCTTTACGACAAAGTC CGACTACAGCTTAGGGATAATGCAAAGGAGCTGGGTAATGGTTGT TTCGAGTTCTATCACAAATGTGATAACGAATGTATGGAAAGCGTA AGAAATGGGACGTATGACTACCCTAAGTATTCAGAAGAAGCAAGA TTAAAAAGAGAAGAAATAAGCGGAGTGAAATTAGAATCAATAGG AACTTACCAAATACTGTCAATTTATTCAACAGTGGCGAGTTCCCTA GCACTGGCAATCATAGTGGCTGGTCTATCTTTATGGATGTGCTCTA ATGGGTCGCTACAATGCAGAATTTGCATCTAAATTTGTGAGCTCAG ATTGTAATTA
DETU	NP	1-1497	**ATG**GCGTCTCAAGGCACCAAACGATCTTATGAACAGATGGAAACT GGTGGAGAACGCCAGAATGCCACTGAAATCAGAGCATCTGTTGGA AGAATGGTTGGTGGAATTGGAAGGTTTTATATACAGATGTGCACT GAACTCAAACTCAGCAATTATGAGGGGAGACTGATCCAGAACAGC ATAACAATAGAAAGAATGGTTCTCTCTGCATTTGATGAAAGGAGG AACAAGTACCTGGAAGAACATCCCAGTGCGGGGAAGGACCCAAA GAAAACTGGAGGTCCAATCTACAGAAGAAGAGACGGAAAGTGGA TGAGGGAGCTGATTCTGTATGACAAAGAAGAGATCAGAAGGATCT GGCGTCAAGCAAATAATGGAGAAGATGCAACTGCTGGTCTCACCC ATCTGATGATCTGGCACTCCAACCTGAATGATGCCACATATCAGAG GACAAGGGCTCTCGTGCGCACTGGAATGGATCCCAGAATGTGCTC TCTGATGCAAGGATCAACTCTCCCAAGAAGGTCTGGAGCTGCTGG TGCAGCAGTAAAAGGGGTCGGAACAATGGTAATGGAATTGATTCG AATGATAAAGCGAGGGATTAATGATCGGAATTTCTGGAGAGGCGA

			AAATGGAAGAAGGACAAGGATTGCCTATGAGAGAATGTGCAACAT CCTCAAAGGGAAATTTCAAACAGCAGCACAAAGAGCAATGATGGA TCAAGTGCGAGAAAGCAGGAATCCTGGGAATGCTGAAATTGAAGA TCTCATTTTTCTGGCACGGTCTGCACTCATCCTGAGAGGATCAGTG GCCCACAAGTCTTGTCTGCCTGCTTGTGTTTACGGACTTGCTGTGG CCAGTGGATATGACTTTGAGAGAGAAGGATACTCTCTGGTTGGA ATAGACCCTTTCCGTCTGCTTCAAAACAGCCAGGTCTTCAGTCTCA TTAGACCAAATGAAAACCCAGCACATAAAAGTCAGTTGGTATGGA TGGCATGCCATTCAGCAGCGTTTGAGGACCTGAGGGTATCAAGTTT CATCAGAGGGACAAGAGTGGTCCCAAGAGGACAACTATCCACCAG AGGAGTTCAAATTGCATCAAATGAAAACATGGAAACAATGGACTC CAGCACTCTTGAATTGAGGAGCAGATACTGGGCTATAAGAACCAG GAGTGGAGGAAACACCAACCAACAGAGAGCTTCTGCAGGACAAA TCAGCGTACAACCCACCTTCTCAGTACAGAGAAATCTTCCCTTTGA AAGAGCGACCATCATGGCGGCATTTACAGGGAACACTGAAGGCAG GACCTCTGACATGAGGACTGAGATCATAAGAATGATGGAAAGTGC CAAACCAGAAGATGTGTCCTTCCAGGGGCGGGGAGTCTTCGAGCT CTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGACAT GAGCAACGAAGGATCTTATTTCTTCGGAGACAGTGCAGAGGAGTA TGACAATTAA
DETU	NA	1-1413	**ATG**AATCCAAATCAGAAAATAGTAACCATTGGCTCCATTTCATTA GGGTTGGTTGTATTCAATGTTCTACTGCATGCTGTGAGCATCATAT TAACAGTGTTAGCCCTGGGGAAGAGTGAAAACAATGGAATCTGCA ATGGAACTGTAGTGAGGGAATACAATGAAACAGTTAGAATAGAG AAAGTGACTCAATGGTACAATACTAGCGTAGTCGAATATGTACCG CATTGGAATGAGGGCACTTATATAAATAACACCGAACCAATATGT GATGTCAAGGGCTTTGCACCTTTTTCCAAGGACAACGGGATAAGA GTTGGCTCCAGGGGACATATTTTTGTCATAAGAGAGCCTTTCGTC TCTTGTTCACCTGTAGAGTGCAGGACTTTCTTCCTCACTCAGGGAT CTCTACTCAATGACAAACACTCAAATGGAACAGTGAAGGATAGAA GCCCATTCAGAACTCTCATGAGTGTCGAAGTGGGCCAATCACCCA ATGTATATCAAGCCAGGTTTGAAGCTGTGGCATGGTCAGCAACA GCCTGTCATGATGGTAAGAAGTGGATGACGATTGGTGTAACAGGG CCAGATTCTAAAGCAGTAGCAGTAGTTCATTACGGAGGGGTGCCT ACTGACGTTGTTAACTCCTGGGCAGGAGATATATTAAGAACTCAG GAGTCATCTTGTACTTGCATTCAAGGTAATTGTTATTGGGTAATG ACTGACGGTCCTGCCAATAGACAGGCGCAGTATAGAATATACAAA GCAAATCAAGGCAAAATAATTGGCCGAACAGATGTTAGCTTTAGT GGAGGACATATTGAGGAATGTTCTTGTTATCCAAATGATGGTAAA GTGGAATGCGTGTGTAGAGACAACTGGACGGGAACTAACAGGCCT GTACTAATTATTTCGCCTGATCTCTCTTACAGGGTTGGGTATTTATG TGCAGGGTTGCCCAGTGACACTCCAAGAGGGGAAGATACTCAATT TGTCGGTTCATGCACTAGTCCCATGGGAAATCAGGGATATGGCGT AAAAGGGTTCGGGTTTCGACAGGGAACTGATGTGTGGGTGGGG CGGACAATTAGTCGAACCTCCAGATCAGGATTTGAAATAATAAGG ATAAAGAATGGTTGGACGCAAACAAGCAAAGAACAGATTAGAAG ACAGGTGGTTGTTGATAACTCGAATTGGTCGGGATACAGTGGGTCT TTCACTTTACCAGTAGAATTGTCTGGGAGGGAATGTTTGGTTCCC TGTTTTTGGGTCGAAATGATCAGAGGTAGGCCAGAAGAGAGAACA ATCTGGACCTCTAGTAGCTCCATTGTAATGTGTGGAGTTGATTATG AAATTGCCGATTGGTCATGGCACGATGGAGCTATTCTTCCCTTTGA CATCGATAAGACGTAA
DETU	MP	-1-982	G**ATG**AGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCATC CCGTCAGGCCCCCTCAAAGCCGAGATCGCGCAGAGACTTGAAGAT GTCTTTGCAGGGAAAAACACCGATCTCGAGGCTCTCATGGAGTGG CTAAAGACAAGACCAATCCTGTCACCTCTGACTAAAGGGATTTTG

			GGATTTGTGTTCACGCTCACCGTGCCCAGTGAGCGAGGACTGCAG CGTAGACGCTTCGTCCAGAATGCCCTAAATGGAAACGGGGATCCA AATAATATGGATAAGGCAGTTAAGCTATATAAGAAGCTGAAAAGA GAGATAACATTCCATGGGGCTAAGGAGGTCGCACTTAGCTACTCA ACCGGTGCACTTGCCAGCTGCATGGGTCTCATATACAACAGGATG GGAACGGTGACTACAGAAGTGGCTTTTGGCCTAGTGTGTGCCACTT GTGAGCAGATTGCAGATTCACAGCATCGGTCCCACAGACAGATGG CAACCATCACCAACCCATTAATCAGACATGAGAACAGAATGGTGC TGGCCAGCACTACAGCTAAGGCCATGGAGCAGATGGCAGGATCAA GCGAGCAGGCATCAGAAGCCATGGAGGTTGCTAATCAGGCCAGGC AGATGGTACAGGCAATGAGGACAATTGGGACTCATCCTAACTCTA GTGCTGGTCTGAGAGATAATCTTCTTGAAAATTTGCAGGCCTACCA GAACCGAATGGGAGTGCAGATGCAGCGATTCAAGTGATCCTCTTG TTGTTGCCGCAAATATCATTGGGATCCTGCACTTGATATTGTGGAT CCTTGATCGTCTTTTCTTCAAATGCATTTATCGTCGCCTTAAATACG GTTTGAAAATAGGGCCTTCTACGGAAGGGGTACCTGAGTCTATGA GGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACG ATGGTCATTTTGTCAACATAGAATTGGAGTAA
DETU	NS	2-838	**TG**GACTCCAACACTGTGTCAAGCTTTCAGGTAGACTGCTTTCTTTG GCATGTCCGCAAACGATTTGCAGACCAAGAACTGGGTGATGCCCC ATTCCTTGACCGGCTTCGCCGAGACCAGAAGTCCCTAAGAGGAAG AGGCAGCACTCTTGGTCTGGACATCGAGACAGCTACTCGTGCGGG AAAGCAAATATTGGAGCGGATTCTGGGGGAAGAATCTGATGAAGC ACTTAAAATGAATATTGCTTCTGTACCGACTTCACGCTACCTAACT GACATGACTCTTGAAGAAATGTCAAGAGACTGGTTCATGCTCATG CCCAAGCAGAAAGTAGCAGGTTCTCTCTGCATCAAAATGGACCAG GCAATAATGGATAAAACCATCATACTGAAAGCAAACTTCAGTGTG ATTTTTGATCGGCTGGAAACCCTAATATTACTTAGAGCTTTCACAG AAGAAGGAGCAATTGTGGGAGAAATCTCACCATTACCTTCTCTTCC AGGACATACTGATGAGGATGTCAAAATTGCAATTGGGGTCCTCAT CGGAGGGCTTGAATGGAATGATAACACAGTTCGAGTCTCTGAAAC TCTACAGAGATTCACTTGGAGAAGCAGTAATGAGGATGGGAGACC TTCACTCCCTTCAAAACAGAAACGGAAAATGGCGAGAACAATTGA GTCAGAAGTTCGAGGAAATAAGATGGCTGATTGAGGAAATGCGAC ATAGATTGAAGATCACAGAGAACAGCTTCGAACAAATAACGTTTA TGCAAGCTTTACAACTATTGCTTGAAGTGGAGCAAGAGATAAGAA CCTTCTCGTTTCAGCTTATTTAA
UKDD	PB2	1-2298	**ATG**GAGAGAATAAAAGAACTAAGAGATCTAATGTCTCAATCCCGC ACTCGCGAGATACTAACAAAAACCACTGTGGACCATATGGCCATA ATCAAGAAATACACATCAGGAAGACAAGAGAAGAACCCTGCTCTC AGAATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC AAGAGAATAATGGAAATGATTCCTGAAAGAAATGAACAAGGCCA GACGCTTTGGAGTAAGACAAATGATGCTGGATCAGACAGAGTGAT GGTGTCTCCCCTAGCTGTAACTTGGTGGAATAGAAATGGACCGAC AGCAAGTACAGTCCATTATCCAAAGGTCTACAAAACATACTTTGA GAAGGTTGAAAGGTTAAAGCATGGAACCTTCGGTCCCGTTCACTTC CGAAACCAAATTAAAATACGCCGCCGAGTTGACATAAACCCAGGC CACGCAGATCTCAGTGCCAAAGAAGCACAAGATGTCATCATGGAG GTCGTTTTCCCAAATGAAGTGGGAGCTAGAATATTGACATCAGAG TCACAATTGACAATAACGAAAGAGAAAAAAGAAGAACTCCAGGA TTGCAAGATTGCTCCTTTAATGGTGGCATACATGTTGGAAAGAGAA CTGGTCCGCAAAACCAGATTCCTACCAGTAGCAGGTGGGACAAGC AGTGTGTACATTGAGGTACTGCACTTGACCCAAGGGACCTGCTGG GAACAGATGTACACTCCAGGCGGAGAAGTGAGAAATGACGATGTT GACCAGAGTTTGATCATCGCGGCCAGAAACATTGTTAGGAGAGCA ACGGTATCAGCGGATCCACTGGCATCATTATTGGAGATGTGCCAC

			AGCACACAAATTGGTGGGACAAGGATGGTGGATATCCTTAGGCAA AATCCAACTGAGGAACAAGCTGTGGATATATGCAAAGCAGCAATG GGTTTAAGGATTAGTTCATCCTTTAGCTTTGGAGGATTCACCTTCA AAAGAACAAGTGGTTCATCCATTAGAAAGGAAGAGGAAGTGCTTA CAGGCAACCTCCAAACATTGAAAATAAGAGTACATGAGGGGTATG AGGAGTTCACAATGGTTGGGCGAAGAGCAACAGCCATTCTAAGGA AAGCAACTAGAAGGCTGATTCAGTTGATAGTAAGTGGAAGAGACG AACAATCAATCGCTGAAGCAATCATCGTAGCCATGGTGTTCTCACA GGAGGATTGCATGATAAAGGCAGTCCGAGGCGATCTAAATTTTGT GAACAGAGCAAACCAAAGATTGAACCCCATGCATCAACTCCTGAG ACACTTCCAAAAAGATGCAAAAGTGCTGTTTCAAAATTGGGGGAT TGAACCCATTGATAATGTCATGGGGATGATTGGAATATTGCCTGAC ATGACTCCAAGCACAGAGATGTCACTAAGAGGAGTAAGAGTTAGT AAAATGGGAGTAGATGAATATTCCAGCACTGAGAGAGTGGTTGTA AGCATTGACCGTTTCTTGCGGGTTCGAGATCAGCAGGGGAACTTAC TCCTATCTCCCGAAGAAGTCAGCGAAACACTGGGAACAGAAAAGT TAACAATAACATATTCATCATCAATGATGTGGGAAATCAATGGTCC TGAGTCAGTGCTGGTCAACACCTATCAATGGATCATCAGAAATTG GGAGATTGTGAAGATTCAATGGTCTCAAGACCCCACGATGCTGTA CAATAAGGTGGAGTTTGAACCGTTCCAATCCTTGGTACCTAAAGCT GCCAGAGGCCAATACAGTGGATTTGTGAGAACACTGTTCCAACAA ATGCGTGACGTATTGGGGACATTTGATACTATTCAGATAATAAAGC TGTTACCGTTTGCAGCAGCCCCACCGGAGCATAGCAGAATGCAAT TTTCTTCCCTGACCGTGAATGTAAGAGGCTCGGGAATGAGAATACT CGTAAGGGGTAACTCCCCTGTGTTCAACTACAATAAGGCAACCAA AAGGCTTGCCGTCCTTGGAAAGGACGCAGGTGCATTAACAGAGGA TCCAGATGAGGGGACAACAGGAGTGGAATCTGCAGTGCTGAGGGG GTTCCTAATTCTGGGCAGGGAGGACAGAAGATATGGACCAGCACT AAGCATCAATGAACTGAGCAATCTTGCGAAAGGGGAGAAAGCCA ATGTGCTGATAGGGCAAGGAGACGTGGTGCTGGTAATGAAACGGA AACGGGACTCTAGCATACTTACTGACAGCCAGACAGCGACCAAAA GAATTCGGATGGTCATCAATTAGTATCGAGTTGTTTAAAAA
UKDD	PB1	1-2277	**ATG**GATGTCAACCCGACTTTACTCTTCTTGAAAGTGCCAGCGCAAA ATGCTATAAGTACCACATTCCCTTATACTGGAGATCCTCCATACAG CCATGGAACAGGAACAGGATACACCATGGACACAGTCAACAGAA CGCATCAATACTCAGAAAAGGGAAAGTGGACAAAAAACACCGAG ACTGGAGCACCCCAACTCAACCCAATTGATGGACCATTACCTGAG GATAACGAGCCAAGCGGATATGCACAAACGGATTGTGTGTTGGAA GCAATGGCTTTCCTTGAAGAGTCCCACCCAGGGATCTTTGAAAACT CATGTCTTGAAACAATGGAAATTGTTCAACAAACAAGAGTGGACA AACTGACCCAAGGTCGTCAGACCTATGACTGGACATTGAATAGAA ACCAGCCGGCTGCAACTGCTTTAGCCAACACTATAGAAGTCTTCAG ATCGAACGGTCTAACAGCCAATGAGTCAGGGAGACTGATAGATTT CCTCAAAGATGTGATGGAGTCAATGGACAAAGAAGAAATGGAAAT AACAACACATTTCCAAAGAAAGAGAAGAGTAAGAGACAATATGA CCAAGAAAATGGTCACACAAAGAACAATAGGGAAGAAAAAACAG AGACTGAACAAGAAGAACTACTTGGTAAGGGCACTGACACTGAAC ACAATGACAAAAGATGCAGAAAGAGGCAAGTTGAAGAGGCGGGC AATTGCAACACCCGGGATGCAAATCAGAGGGTTCGTGTACTTTGTC GAAACATTAGCGAGGAGCATCTGCGAGAAACTTGAGCAATCTGGG CTCCCTGTTGGAGGAAATGAAAAAAAGGCTAAGTTGGCAAATGTC GTGAGAAAGATGATGACTAACTCACAAGACACAGAGCTATCCTTT ACAATTACTGGAGACAATACCAAGTGGAACGAGAATCAGAATCCT CGGATTTTTTTGGCAATGATAACATATATCACAAGAAATCAACCTG AGTGGTTTAGAAATGTGTTAAGTATTGCCCCTATAATGTTCTCAAA CAAAATGGCAAGATTAGGGAAAGGATACATGTTCGAAAGTAAG

			AGCATGAAGCTACGGACACAAATACCAGCAGAAATGCTTGCAACC ATTGACCTGAAATATTTCAACGAATCGACAAGAAAGAAAATTGAG AAAATAAGGCCTCTCCTAATAGAAGGAACAGCCTCGTTGAGTCCT GGAATGATGATGGGCATGTTCAACATGCTGAGTACAGTCTTGGGA GTATCAATTCTAAATCTTGGCCAAAAGAGGTACACCAAAACCACA TACTGGTGGGACGGACTCCAATCCTCTGATGATTTCGCTCTCATAG TAAATGCACCGAATCATGAGGGAATACAGGCAGGAGTGGACAGGT TCTATAGGACTTGTAAATTGGTTGGGATCAATATGAGTAAAAAG AAATCCTATATAAATCGGACAGGAACATTTGAATTCACAAGCTTTT TCTACCGTTATGGGTTTGTAGCCAACTTCAGCATGGAGCTGCCCAG CTTTGGAGTTTCTGGGATTAATGAATCGGCTGACATGAGCATTGGA GTTACAGTAATAAAGAATAACATGATAAACAACGATCTTGGACCA GCAACAGCTCAAATGGCTCTTCAGCTATTTATCAAGGACTACAGAT ATACATATCGATGCCACAGGGGTGATACACAAATACAAACAAGGA GATCATTCGAGCTAAAGAAGCTGTGGGAGCAGACCCGTTCAAAGG CAGGACTGTTGGTTTCAGATGGAGGCCCAAACTTATACAATATAC GGAATCTCCACATCCCAGAGGTCTGCTTGAAGTGGGAACTGATGG ATGAAGATTACCAGGGTAGACTTTGTAATCCCCTGAACCCCTTTGT CAGTCATAAGGAAATTGAATCCGTAAACAATGCTGTAGTGATGCC AGCCCATGGTCCGGCCAAAAGCATGGAATATGATGCTGTTGCGAC CACACACTCATGGGTCCCTAAGAGGAACCGTTCCATTCTGAATACC AGTCAAAGAGGAATCCTTGAGGATGAACAGATGTATCAGAAGTGC TGCAATCTATTTGAAAAATTCTTCCCTAGTAGCTCATACAGGAGGC CAGTTGGAATCTCCAGTATGGTGGAGGCCATGGTGTCTAGGGCCC GAATTGATGCACGGATTGACTTCGAGTCTGGTAGGATTAAGAAGG AAGAGTTTGCTGAGATCATGAAGATCTGTTCCACCATTGAAGAGA TCAGACGGCAAAAACAGTGA
UKDD	PA	1-2151	**ATG**GAAGACTTTGTGCGACAATGCTTCAATCCAATGATCGTCGAG CTTGCGGAAAAGACAATGAAAGAATATGGGGAAAATCCAAAAAT CGAAACGAACAAATTCGCTGCAATATGCACTCACTTAGAGGTCTG TTTCATGTATTCGGATTTCCACTTTATTGATGAACGAGGTAAATCA ATAATTGTAGAATCTGGCGATCCGAATGCATTATTGAAACACCGAT TTGAGATAATTGAAGGGAGAGACCGAACGATGGCTTGGACAGTGG TAAATAGTATCTGCAACACCACAGGAGTCGATAAGCCTAAATTCC TCCCAGATTTGTATGATTACAAGGAGAACCGATTCATTGAAATTGG AGTGACAAGGAGGGAAGTTCACACATACTACCTAGAAAAGGCAA ATAAGATAAAATCAGAGAAGACACACATTCACATATTCTCATTCA CTGGGGAGGAGATGGCCACCAAAGCTGATTATATCCTTGATGAAG AGAGCAGAGCAAGGATCAAAACCAGGTTGTTCACTATCAGGCAA GAAATGGCCAATAGGGGTCTGTGGGATTCCTTTCGTCAATCTGAGA GAGGCGAAGAGACAATTGAAGAAAGGTTTGAAATCACAGGAACC ATGCGCAGGCTTGCCGACCAAAGTCTCCCACCGAATTTCTCCAGCC TTGAAAATTTTAGAGCCTATGTGGATGGATTCAAACCGAACGGC TGCCTTGAGGGCAAGCTTTCTCAAATGTCAAAAGAAGTGAACGCC AGAATTGAGCCATTCATGAAGACAACACCACGCCCTCTCAGATTA CCTGATGGTCCTCCTTGCTCTCAGCGGTCGAAATTCTTACTGATGG ATGCCCTTAAATTGAGCATCGAAGACCCAAGCCATGAGGGAGAAG GTATACCGCTATATGATGCAATCAAATGCATGAAGACGTTTTTTGG TTGGAAAGAGCCCAACATTGTAAAACCACATGTAAAAGGCATAAA TCCCAACTATCTCTTGGCTTGGAAGCAGGTGCTGGTAGAACTCCAA GACATTGAAAATGAAGAGAAAATCCCAAAAACAAAAAACATGAA GAAAACAAGCCAACTAAAGTGGGCACTCGGTGAGAATATGGCACC TGAAAAAGTGGACTTTGAGGACTGCAAAGATGTTAGCGATCTAAG ACAGTATGACAGTGATGAACCAGAGCCCAGATCATTATCAAGCTG GATCCAGAGCGAATTCAACAAAGCATGCGAATTGACAGATTCGAG TTGGATTGAACTTGATGAAATAGGAGAAGATGTTGCTCCAATTGA

			GCACATTGCGAGTATGAGAAGAAACTACTTCACAGCGGAAGTGTC TCATTGCAGGGCTACTGAATATATAATGAAAGGAGTTTATATAAAT ACAGCCCTGTTGAATTCATCCTGTGCAGCCATGGATGACTTCCAAT TGATTCCAATGATAAGCAAGTGCAGAACCAAAGAAGGAAGACGG AAGACAAATCTATATGGGTTCATTATAAAAGGAAGATCCCATTTG AGGAATGATACCGATGTGGTAAATTTTGTGAGCATGGAGTTCTCTC TTACTGACCCGAGGCTGGAACCACACAAGTGGGAAAAGTACTGTG TTCTCGAAATAGGAGACATGCTCCTACGAACTGCAATAGGCCAAG TATCAAGACCCATGTTTCTTTATGTAAGGACCAATGGGACTTCCAA GATCAAGATGAAATGGGGCATGGAGATGAGGCGATGCCTTCTTCA ATCCCTCCAACAAATTGAGAGCATGATTGAGGCAGAGTCTTCTGTC AAAGAGAAGGACATGACCAAGGAATTCTTTGAAAATAAATCAGAA ACGTGGCCAATTGGGGAATCACCTAAGGGGGTGGAGGAAAGCTCT ATTGGGAAAGTGTGTAGAACATTACTAGCAAAATCTGTATTCAAC AGCCTATATGCATCTCCACAACTTGAGGGGTTTTCAGCTGAGTCGA GAAAGTTACTTCTCATTGTTCAGGCATTTAGGGACAACCTGGAACC TGGGACCTTCGATCTTGGGGGGCTATATGAAGCAATTGAGGAGTG CCTGATTAATGATCCCTGGGTTTTGCTTAATGCATCTTGGTTCAACT CCTTCCTTACACATGCACTGAAATAG
UKDD	HA	1-1704	**ATG**GAGAAAATAGTGCTTCTTCTTGCAGTGGTTAGCCTTGTTAAAA GTGATCAGATTTGCATTGGTTACCATGCAAACAACTCAACAAAAC AGGTTGACACAATAATGGAAAAAAACGTCACTGTTACACATGCCC AAGACATACTGGAAAAGACACACAACGGGAAGCTCTGCGATCTTA ATGGAGTGAAGCCCCTGATTCTAAAGGATTGTAGCGTAGCTGGGT GGCTCCTTGGAAATCCAATGTGCGACGAGTTCATCAGGGTGCCGG AATGGTCTTACATCGTGGAGAGGGCTAACCCAGCCAACGACCTCT GTTACCCAGGGACCCTCAATGACTATGAGGAACTGAAACACCTAC TGAGCAGAATAAATCATTTTGAGAAAACTCTGATCATCCCCAAGA GTTCTTGGCCCAATCATGAAACATCATTAGGGGTGAGCGCAGCAT GTCCATACCAGGGAGCATCCTCATTTTTCAGAAATGTGGTATGGCT CATCAAAAAGAACGATGCATACCCGACAATAAAGATAAGCTACAA TAATACCAATCGGGAAGATCTTTTGATACTGTGGGGGATTCATCAT CCCAACAATGCAGAAGAGCAGACAAATCTCTATAAAAACCCAGAC ACTTATGTTTCCGTTGGGACATCAACATTAAACCAGAGATTGGTGC CAAAAATAGCTACTAGATCCCAAGTAAACGGGCAACGTGGAAGAA TGGATTTCTTCTGGACAATTTTAAAACCGAATGATGCAATCCACTT TGAGAGTAATGGAAATTTCATTGCTCCAGAATATGCCTACAAAATT GTCAAGAAAGGGGACTCAACAATTATGAAAAGTGAAGTGGAGTAT GGCTACTGCAACACCAAATGTCAAACCCCAATAGGGGCGATAAAC TCTAGCATGCCATTCCACAATATACACCCTCTCACCATCGGGGAAT GCCCCAAATACGTGAAGTCAAACAAATTAGTCCTTGCGACTGGGC TCAGAAATAGTCCTCTAAGGGAAAGAAGAAGAAAAAGAGGACTA TTTGGAGCTATAGCAGGGTTTATAGAGGGAGGATGGCAGGGAATG GTAGACGGTTGGTATGGGTACCACCATAGCAATGAGCAGGGGAGT GGGTACGCTGCAGACAAAGAATCCACCCAAAAGGCAGTAGATGG AGTTACCAATAAGGTCAACTCAATCATTGACAAAATGAACACTCA ATTTGAGGCCGTTGGAAGGGAATTTAATAACTTAGAAAGGAGAAT AGAGAATTTAAACAAGAAAATGGAAGACGGATTCCTAGATGTCTG GACTTATAATGCTGAACTTTTAGTTCTCATGGAAAATGAGAGAACT CTAGATTTCCATGACTCAAATGTCAAGAACCTTTACGACAAAGTCC GACTACAGCTTAGGGATAATGCAAAGGAGCTGGGTAATGGTTGTT TCGAGTTCTATCACAAATGTGATAACGAATGTATGGAAAGCGTAA GAAATGGGACGTATGACTACCCTAAGTATTCAGAAGAAGCAAGAT TAAAAAGAGAAGAAATAAGCGGAGTGAAATTAGAATCAATAGGA ACTTACCAAATACTGTCAATTTATTCAACAGTGGCGAGTTCCCTAG CACTGGCAATCATAGTGGCTGGTCTATCTTTATGGATGTGCTCTAA

			TGGGTCGCTACAATGCAGAATTTGCATCTAA
UKDD	NP	1-1497	**ATG**GCGTCTCAAGGCACCAAACGATCTTATGAACAGATGGAAACT GGTGGAGAACGCCAGAATGCCACTGAAATCAGAGCATCTGTTGGA AGAATGGTTGGTGGAATTGGAAGGTTTTATATACAGATGTGCACT GAACTCAAACTCAGCAATTATGAGGGGAGACTGATCCAGAACAGC ATAACAATAGAAAGAATGGTTCTCTCTGCATTTGATGAAAGGAGG AACAAGTACCTGGAAGAACATCCCAGTGCGGGGAAGGACCCAAA GAAAACTGGAGGTCCAATCTACAGAAGAAGAGACGGAAAGTGGA TGAGGGAGCTGATTCTGTATGACAAAGAAGAGATCAGAAGGATCT GGCGTCAAGCAAATAATGGAGAAGATGCAACTGCTGGTCTCACCC ATCTGATGATCTGGCACTCCAACCTGAATGATGCCACATATCAGAG GACAAGGGCTCTCGTGCGCACTGGAATGGATCCCAGAATGTGCTC TCTGATGCAAGGATCAACTCTCCCAAGAAGGTCTGGAGCTGCTGG TGCAGCAGTAAAAGGGGTCGGAACAATGGTAATGGAATTGATTCG AATGATAAAGCGAGGGATTAATGATCGGAATTTCTGGAGAGGCGA AAATGGAAGAAGGACAAGGATTGCCTATGAGAGAATGTGCAACAT CCTCAAAGGGAAATTTCAAACAGCAGCACAAAGAGCAATGATGGA TCAAGTGCGAGAAAGCAGGAATCCTGGGAATGCTGAAATTGAAGA TCTCATTTTTCTGGCACGTTCTGCACTCATCCTGAGAGGATCAGTG GCCCACAAGTCTTGTCTGCCTGCTTGTGTTTACGGACTTGCTGTGG CCAGTGGATATGACTTTGAGAGAGAAGGATACTCTCTGGTTGGA ATAGACCCTTTCCGTCTGCTTCAAAACAGCCAAGTCTTCAGTCTCA TTAGACCAAATGAAAACCCAGCACATAAAAGTCAGTTGGTATGGA TGGCATGCCATTCAGCAGCGTTTGAGGACCTGAGGGTATCAAGTTT CATCAGAGGGACAAGAGTGGTCCCAAGAGGACAACTATCCACCAG AGGAGTTCAAATTGCATCAAATGAAAACATGGAAACAATGGACTC CAGCACTCTTGAATTGAGAAGCAGATACTGGGCTATAAGAACCAG GAGTGGAGGAAACACCAACCAACAGAGAGCTTCTGCAGGACAAA TCAGCGTACAACCCACCTTCTCAGTACAGAGAAATCTTCCCTTTGA AAGAGCGACCATCATGGCGGCATTTACAGGGAACACTGAAGGCAG GACCTCTGACATGAGGACTGAGATCATAAGAATGATGGAAAGTGC CAAACCAGAAGATGTGTCTTTCCAGGGGCGGGGAGTCTTCGAGCT CTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGAC ATGAGCAACGAAGGATCTTATTTCTTCGGAGACAGTGCAGAGGAG TATGACAATTAA
UKDD	NA	4-1420	AATCCAAATCAGAAAATAGTAACCATTGGCTCCATTTCATTAGGGT TGGTTGTATTCAATGTTCTACTGCATGCTGTGAGCATCATATTAAC AGTGTTAGCCCTGGGGAAGAGTGAAAACAATGGAATCTGCAATGG AACTGTAGTGAGGGAATACAATGAAACAGTTAGAATAGAGAAA GTGACTCAATGGTACAATACTAGCGTAGTCGAATATGTACCGCATT GGAATGAGGGCACTTATATAAATAACACCGAACCAATATGTGATG TCAAGGGCTTTGCACCTTTTTCCAAGGACAATGGGATAAGAGTTGG CTCCAGGGGACATATTTTTGTCATAAGAGAGCCTTTCGTCTCTTGT TCACCTGTAGAGTGCAGGACTTTCTTCCTCACTCAGGGATCTCTAC TCAATGACAAACACTCAAATGGAACAGTGAAGGATAGAAGCCCAT TCAGAACTCTCATGAGTGTCGAAGTGGGCCAACCACCCAGTGTAT ATCAAGCCAGGTTTGAAGCTGTGGCATGGTCAGCAACAGCCTGTC ATGATGGTAATAAGTGGATGACGATTGGTGTAACAGGGCCAGATT CTAAAGCAGTAGCAGTAGTTCATTACGGAGGGGTGCCTACTGACG TTGTTAACTCCTGGGCAGGAGATATATTAAGAACTCAGGAGTCATC TTGTACTTGCATTCAAGGTAATTGTTATTGGGTAATGACTGACGGT CCTGCCAATAGACAGGCGCAGTATAGAATATACAAAGCAAATCAA GGCAAAATAATTGGCCGAACAGATGTTAGCTTTAGTGGAGGACAT ATTGAGGAATGTTCTTGTTATCCAAATGATGGTAAAGTGGAATGCG TGTGTAGAGACAACTGGACGGGAACTAACAGGCCTGTACTAATTA TTTCGCCTGATCTCTCTTACAGGGTTGGGTATTTATGTGCAGGGTT

			GCCCAGTGACACTCCAAGAGGGGAAGATACTCAATTTGTCGGTTC ATGCACTAGTCCCATGGGAAATCAGGGATATGGCGTAAAAGGGTT CGGGTTTCGACAGGGAACTGATGTGTGGGTGGGGCGGACAATTAG TCGAACCTCCAGATCAGGATTTGAAATAATAAGGATAAAGAATGG TTGGACGCAAACAAGCAAAGAACAGATTAGAAGACAGGTGGTTGT TGATAACTCGAATTGGTCGGGATACAGTGGGTCTTTCACTTTACCA GTAGAATTGTCTGGGAGGGAATGTTTGGTTCCCTGTTTTTGGGTCG AAATGATCAGAGGTAGGCCAGAAGAGAGAACAATCTGGACCTCTA GTAGCTCCATTGTAATGTGTGGAGTTGATTATGAAATTGCCGATTG GTCATGGCACGATGGAGCTATTCTTCCCTTTGACATCGATAAGACG TAATTTACGA
UKDD	MP	-5-982	GAAAG**ATG**AGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTAT CATCCCGTCAGGCCCCCTCAAAGCCGAGATCGCGCAGAGACTTGA AGATGTCTTTGCAGGGAAAAACACCGATCTCGAGGCTCTCATGGA GTGGCTAAAGACAAGACCAATCCTGTCACCTCTGACTAAAGGGAT TTTGGGATTTGTGTTCACGCTCACCGTGCCCAGTGAGCGAGGACTG CAGCGTAGACGCTTCGTCCAGAATGCCCTAAATGGGAACGGGGAT CCAAATAATATGGATAAGGCAGTTAAGCTATATAAGAAGCTGAAA AGAGAGATAACATTCCATGGGGCTAAGGAGGTCGCACTTAGCTAC TCAACCGGTGCACTTGCCAGCTGCATGGGTCTCATATACAACAGG ATGGGAACGGTGACTACAGAAGTGGCTTTTGGCCTAGTGTGTGCC ACTTGTGAGCAGATTGCAGATTCACAGCATCGGTCCCACAGACAG ATGGCAACCATCACCAACCCATTAATCAGACATGAGAACAGAATG GTGCTGGCCAGCACTACAGCTAAGGCCATGGAGCAGATGGCAGGA TCAAGCGAGCAGGCATCAGAAGCCATGGAGGTTGCTAATCAGGCC AGGCAGATGGTACAGGCAATGAGGACAATTGGGACTCATCCTAAC TCTAGTGCTGGTCTGAGAGATAATCTTCTTGAAAATTTGCAGGCCT ACCAGAACCGAATGGGAGTGCAGATGCAGCGATTCAAGTGATCCT CTTGTTGTTGCCGCAAATATCATTGGGATCCTGCACTTGATATTGT GGATCCTTGATCGTCTTTTCTTCAAATGCATTTATCGTCGCCTTAAA TACGGTTTGAAAATAGGGCCTTCTACGGAAGGGGTACCTGAGTCT ATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTT GACGATGGTCATTTTGTCAACATAGAATTGGAGTAA
UKDD	NS	-5-849	ACATA**ATG**GACTCCAACACTGTGTCAAGCTTTCAGGTAGACTGCTT TCTTTGGCATGTCCGCAAACGATTTGCAGACCAAGAACTGGGTGAT GCCCCATTCCTTGACCGGCTTCGCCGAGACCAGAAGTCCCTAAGA GGAAGAGGCAGCACTCTTGGTCTGGACATCGAGACAGCTACTCGT GCGGGAAAGCAAATATTGGAGCGGATTCTGGGGGAAGAATCTGAT GAAACACTTAAAATGAATATTGCTTCTGTACCGACTTCACGCTACC TAACTGACATGACTCTTGAAGAAATGTCAAGAGACTGGTTCATGCT CATGCCCAAGCAGAAAGTAGCAGGTTCTCTCTGCATCAAAATGGA CCAGGCAATAATGGATAAAACCATCATACTGAAAGCAAACTTCAG TGTGATTTTTGATCGGCTGGAAACCCTAATATTACTTAGAGCTTTC ACAGAAGAAGGAGCAATTGTGGGAGAAATCTCACCATTACCTTCT CTTCCAGGACATACTGATGAGGATGTCAAAATTGCAATTGGGGTC CTCATCGGAGGGCTTGAATGGAATGATAACACAGTTCGAGTCTCT GAAACTCTACAGAGATTCACTTGGAGAAGCAGTAATGAGGATGGG AGACCTTCACTCCCTTCAAAACAGAAACGGAAAATGGCGAGAACA ATTGAGTCAGAAGTTCGAGGAAATAAGATGGCTGATTGAGGAAAT GCGACATAGATTGAAGATCACAGAGAACAGCTTCGAACAAATAAC GTTTATGCAAGCTTTACAACTATTGCTTGAAGTGGAGCAAGAGATA AGAACCTTCTCGTTTCAGCTTATTTAATGATAA