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YP_009724390.	1	MFVFLVLLPLVS-SQCVNLTTTRTQL-PPAYT--NSFTRGVVYYPDKVFRSS	46
YP_009825051.	1	MFIFLLFLTLTSGSDLDRCTTFDDVQAPNYTQHTSSMRGVVYYPDEIFRSD	50
YP_009724390.	47	VLHSTQDLFLPFFSNVTWFHAIHVS GTNGTKRFDNPVLPFNDGVYFASTE	96
YP_009825051.	51	TLYLTQDLFLPFYSNVTGFHTI-----NHT--FGNPVIPFKDGIYFAATE	93
YP_009724390.	97	KSNIIRGWIFGTTLD SKTQSL LIVNNATNVVIKVCE FQFCNDPFLGVYYH	146
YP_009825051.	94	KSNVVRGWVFGSTMN NKSQSVIIINNSTNVVIRACNFELCDNPFFAV---	140
YP_009724390.	147	KNNKSWMESEFRVYSSANNCTFEYVSQPFLMDLEGKQGNFKNLREFVFKN	196
YP_009825051.	141	-SKPMGTQTHMIFDNAFNCTFEYISDAFSLDVSEKSGNFKHLREFVFKN	189
YP_009724390.	197	IDGYFKIYSKHTPINLVRDLPQGFSALEPLVDLPIGINITRFQTLLALHR	246
YP_009825051.	190	KDGFLYVYKGYPIDVVRDLPSGFNTLKPIFKLPLGINITNFRAIL----	235
YP_009724390.	247	SYLTPGDSSSGWTAGAAAYYVGYLQPRTFLLKYNENGITITDAVDCALDPL	296
YP_009825051.	236	TAFSPAQDI--WGTSAAAYFVGYLKPTTFMLKYDENGITITDAVDCSQNPL	283
YP_009724390.	297	SETKCTLKSFTVEKGIYQTSNFRVQPTESIVRFPNITNLCPFGEVFNATR	346
YP_009825051.	284	AELKCSVKSF EIDKGIYQTSNFRVVP SGDVVRFPNITNLCPFGEVFNATK	333
YP_009724390.	347	FASVYAWNRRKRISNCVADYSVLVNSASFSTFKCYGVSP TKLNDLCFTNVY	396

YP_009825051.	334	FPSVYAWERKKISNCVADYSVLYNSTFFSTFKCYGVSATKLNLCFSNVY	383
YP_009724390.	397	ADSFVIRGDEVQRQIAPGQTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVG	446
YP_009825051.	384	ADSFVVKGDDVRQIAPGQTGVIADYNYKLPDDFMGCVLAWNTRNIDATST	433
YP_009724390.	447	GNYNLYRLFRKSNLKPFERDISTEIYQAGSTPCNGVEGFNCYFPLQSYG	496
YP_009825051.	434	GNYNKYRYLRHGKLRPFERDISNVPFSPDGPKCT-PPALNCYWPLNDYG	482
YP_009724390.	497	FQPTNGVGYYQPYRVVLSFELLHAPATVCGPKKSTNLVKNKCVNFNFGL	546
YP_009825051.	483	FYTTTGIGYQPYRVVLSFELLNAPATVCGPKLSTDLIKNCVNFNFGL	532
YP_009724390.	547	TGTGVLTESNKKFLPFQQFGRDIADTTDAVRDPQTLEILDITPCSFGGVS	596
YP_009825051.	533	TGTGVLTPSSKRFPFQQFGRDVSDFDTSVRDPKTSEILDISPCAFGGVS	582
YP_009724390.	597	VITPGTNTSNQVAVLYQDVNCTEVPVAIHADQLTPTWRVYSTGSNVFQTR	646
YP_009825051.	583	VITPGTNASSEVAVLYQDVNCTDVSTAIHADQLTPAWRIYSTGNNVFQTD	632
YP_009724390.	647	AGCLIGAHEVNNSEYECDIPIGAGICASYQTQTNSPRRARSVASQSIIAYT	696
YP_009825051.	633	AGCLIGAHEVDTSYECDIPIGAGICASYHTVS----LLRSTSQKSIVAYT	678
YP_009724390.	697	MSLGAENSVAYSNNIAIPTNFTISVTTEILPVSMTKTSVDCTMYICGDS	746
YP_009825051.	679	MSLGADSSIAYSNNTIAIPTNFSISITTEVMPVSMAKTSVDCNMYICGDS	728
YP_009724390.	747	TECSNLLLQYGSFCTQLNRALTGIAVEQDKNTQEVFAQVKQIYKTPPIKD	796
YP_009825051.	729	TECANLLLQYGSFCTQLNRALSGIAAEQDRNTREVFAQVKQMYKTPTLKY	778
YP_009724390.	797	FGGFNFSQILPDPSKPSKRSFIEDLLFNKVTLADAGFIKQYGDCLGDIAA	846
YP_009825051.	779	FGGFNFSQILPDPLKPTKRSFIEDLLFNKVTLADAGFMKQYGECLGDINA	828
YP_009724390.	847	RDLICAQKFNGLTVLPPLLTDEMIAQYTSALLAGTITSGWTFGAGAALQI	896
YP_009825051.	829	RDLICAQKFNGLTVLPPLLTDDMIAAYTAALVSGTATAGWTFGAGAALQI	878
YP_009724390.	897	PFAMQMAYRFNGIGVTQNVLYENQKLIANQFNSAIGKIQDLSSTASALG	946
YP_009825051.	879	PFAMQMAYRFNGIGVTQNVLYENQKQIANQFNKAISQIQESLTTTSTALG	928
YP_009724390.	947	KLQDVVNQNAQALNTLVKQLSSNFGAISSVLNDILSRDKVEAEVQIDRL	996
YP_009825051.	929	KLQDVVNQNAQALNTLVKQLSSNFGAISSVLNDILSRDKVEAEVQIDRL	978
YP_009724390.	997	ITGRLQSLQTYVTQQLIRAAEIRASANLAATKMSECVLGQSKRVDFCGKG	1046
YP_009825051.	979	ITGRLQSLQTYVTQQLIRAAEIRASANLAATKMSECVLGQSKRVDFCGKG	1028
YP_009724390.	1047	YHLMSPQSAAPHGVVFLHVTYVPAQEKNFTTAPAICHGKAHFPREGVVF	1096
YP_009825051.	1029	YHLMSPQAAPHGVVFLHVTYVPSQERNFTTAPAICHEGKAYFPREGVVF	1078
YP_009724390.	1097	SNGTHWFVTQRNFYEPQIITTDNTFVSGNCDVVIGIVNNTVYDPLQPELD	1146
YP_009825051.	1079	FNGTSWFITQRNFFSPQIITTDNTFVSGNCDVVIGIINNTVYDPLQPELD	1128
YP_009724390.	1147	SFKEELDKYFKNHTSPDVLGDISGINASVVNIQKEIDRLNEVAKNLNES	1196
YP_009825051.	1129	SFKEELDKYFKNHTSPDVLGDISGINASVVNIQKEIDRLNEVAKNLNES	1178
YP_009724390.	1197	LIDLQELGKYEYIKWPWYIWLGFIAGLIAIVMVTIMLCCMTSCCCLKG	1246
YP_009825051.	1179	LIDLQELGKYEYIKWPWYVWLGFIAGLIAIVMVTILLCCMTSCCCLKG	1228

YP_009724390.	1247	CCSCGSCCKFDEDDSEPVLKGVKLHYT	1273
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YP_009825051.	1229	ACSCGSCCKFDEDDSEPVLKGVKLHYT	1255

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