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T10160 YP 007411812.1 NC 000962:3467606-3467926 .............VVIRGAVYRVDFGDAKRGHEQRGRRYAVVISPGSMPWSV.VTV..VPTSTSAQ..PAVFRPE. 57
T10131 WP 014845117.1 NC 018141:c103217-102897 .............MNRGDVYWVNLDPT.TGSEINKLRPCVLVGATPINQAR.RTVVVPLSSSAT.ARPPITIT. 58
T911 WP 011111770.1 NC 004757:c1279714-1279373 ...........MTDFKQRDIYWIDLEPT.KGAETRKLRPCVIIQSDLVNVQS.RTVIVAPLLLQ..HKPWPFAVNL 61
T655 WP 000617906.1 NC 004342:c2824569-2824228 .............MIRGEIWWVDLGIP.FGSEPGFKRPVLIIQDDSFNQSNINTIVSIAITSNLNLSEAPGNVFI 61
T6247 NP 216507.1 NC 000962:c2234649-2234305 ...........VVISRAEIYWADLGPP.SGSQPAKRRPVLVIQSDPYNASRLATVIAAVITSNTALAAMPGNVFL 63
T10042 WP 012302900.1 NC 010424:c1933653-1933297 ...........VEIKRGDVFLVNFNPA.RGSEQAGCRPAVVVQNDVGNKYG.PTTIVIAVTTTLK..DYPFLVKL 60
T6090 AFV93478.1 KC020193:296-658 .............MMRRGDVYLADLSPV.QGSEQGGIRPVVIIQNDTGNKYS.PTVIVAAITGRINKAKIPTHVEI 61
T10094 WP 000621175.1 NZ JPPU01000003:101990-102352 .............MIRRGDVYLADLSPV.QGSEQGGVRPVVIIQNDTGNKYS.PTVIVAAITGRINKAKIPTHVEI 61
T612 21283721 NC 003923:c2149744-2149382 .............MIRRGDVYLADLSPV.QGSEQGGVRPVVIIQNDTGNKYS.PTVIVAAITGRINKAKIPTHVEI 61
T1073 WP 000621175.1 NC 002745:c2121534-2121172 .............MIRRGDVYLADLSPV.QGSEQGGVRPVVIIQNDTGNKYS.PTVIVAAITGRINKAKIPTHVEI 61
T10078 WP 000621175.1 NZ JPPU01000003:101990-102352 .............MIRRGDVYLADLSPV.QGSEQGGVRPVVIIQNDTGNKYS.PTVIVAAITGRINKAKIPTHVEI 61
T10177 WP 001829891.1 NZ LT571449:c1934521-1934159 .............MIRRGDVYLADLSPV.QGSEQGGVRPVVIIQNDTGNKYS.PTVIVAAITGRINKAKIPTHVEI 61
T6135 WP 005686631.1 NC 013198:c2601977-2601594 .........MDVTVKRGDVFFADLSPV.VGSEQGGNRPVLIIQNNVGNHYS.PTVIVAAITSKIQKPKMPTHVGL 64
T6136 WP 005686631.1 NC 013199:c2581516-2581133 .........MDVTVKRGDVFFADLSPV.VGSEQGGNRPVLIIQNNVGNHYS.PTVIVAAITSKIQKPKMPTHVGL 64
T6140 WP 005686631.1 NC 017482:c2596947-2596564 .........MDVTVKRGDVFFADLSPV.VGSEQGGNRPVLIIQNNVGNHYS.PTVIVAAITSKIQKPKMPTHVGL 64
T6141 WP 005686631.1 NC 017491:c2501471-2501088 .........MDVTVKRGDVFFADLSPV.VGSEQGGNRPVLIIQNNVGNHYS.PTVIVAAITSKIQKPKMPTHVGL 64
T10096 WP 003421356.1 NC 013316:c3936024-3935641 MKGRLPKVSTNCEIKRGDLYYADLSPV.VGSEQGGVRPVLIIQNDVGNKYS.PTVIVSAITSQINKAKLPTHVEI 73
T134 NP 388347.1 NC 000964:518943-519293 ............MIVKRGDVYFADLSPV.VGSEQGGVRPVLVIQNDIGNRFS.PTAIVAAITAQIQKAKLPTHVEI 62
T1499 WP 000635963.1 NC 005945:241493-241843 ............MIVKRGDVYFADLSPV.VGSEQGGVRPVLVIQNDIGNRFS.PTVIVAAITAQIQKAKLPTHVEI 62
consensus                                                 ********************  !******!********  *****  *!**********************
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T10160 YP 007411812.1 NC 000962:3467606-3467926 ....LEVMGTKTRFLVDQIRTIGIVYVHGDPVDYLDRDQMAKVEHAVARYLGL.............  106
T10131 WP 014845117.1 NC 018141:c103217-102897 ....VSCLGKQVTAVCDQIRTIDKSRL.KKVAGNLSDKDLNALDDGLRQVLCL.............  106
T911 WP 011111770.1 NC 004757:c1279714-1279373 EPTEKNGLDKDRHINLKQLRAVDISRI.GKKQGRLENRYKDPIKAALMIIFDL.............  113
T655 WP 000617906.1 NC 004342:c2824569-2824228 S.KKDSSLSKDSVINVSQIVTLDKERF.LNKAGKLKSNKLGEVEIGLKLVTGLD.............  113
T6247 NP 216507.1 NC 000962:c2234649-2234305 P.ATTTRLPRDSVVNVTAIVTLNKTDL.TDRVGEVPASLMHEVDRGLRRVLDL.............  114
T10042 WP 012302900.1 NC 010424:c1933653-1933297 S.AGEGGLEKDSTANAAQVLTVDKLRL.VRKLGNLTSEKMREINRALAVSLGLTLGETQD.....  118
T6090 AFV93478.1 KC020193:296-658 E.KSKYKLDKDSVILLEQIRTLDKNRL.KEKLTYLSESKMKEVNVAIDISLGLHNVRNSKS....  120
T10094 WP 000621175.1 NZ JPPU01000003:101990-102352 E.KKKYKLDKDSVILLEQIRTLDKKRL.KEKLTYLSDDKMKEVDNALMISLGLNAVAHQKN....  120
T612 21283721 NC 003923:c2149744-2149382 E.KKKYKLDKDSVILLEQIRTLDKKRL.KEKLTYLSDDKMKEVDNALMISLGLNAVAHQKN....  120
T1073 WP 000621175.1 NC 002745:c2121534-2121172 E.KKKYKLDKDSVILLEQIRTLDKKRL.KEKLTYLSDDKMKEVDNALMISLGLNAVAHQKN....  120
T10078 WP 000621175.1 NZ JPPU01000003:101990-102352 E.KKKYKLDKDSVILLEQIRTLDKKRL.KEKLTYLSDDKMKEVDNALMISLGLNAVAHQKN....  120
T10177 WP 001829891.1 NZ LT571449:c1934521-1934159 E.KKKYKLDKDSVILLEQIRTLDKKRL.KEKLTFLSESKMIEVDNALDISLGLNNFDHHKS....  120
T6135 WP 005686631.1 NC 013198:c2601977-2601594 R.AKQDGVERNSVILLEQIRTIDKQRL.QARVTALSSAKMAAVDRALAISVGLVSLPKPKTYNKN  127
T6136 WP 005686631.1 NC 013199:c2581516-2581133 R.AKQDGVERNSVILLEQIRTIDKQRL.QARVTALSSAKMAAVDRALAISVGLVSLPKPKTYNKN  127
T6140 WP 005686631.1 NC 017482:c2596947-2596564 R.AKQDGVERNSVILLEQIRTIDKQRL.QARVTALSSAKMAAVDRALAISVGLVSLPKPKTYNKN  127
T6141 WP 005686631.1 NC 017491:c2501471-2501088 R.AKQDGVERNSVILLEQIRTIDKQRL.QARVTALSSAKMAAVDRALAISVGLVSLPKPKTYNKN  127
T10096 WP 003421356.1 NC 013316:c3936024-3935641 S.SNEYGLNKDSVILLEQIRTIDKKRL.REKIGCLDENMMIKVDDGLQISLGLFTF.........  127
T134 NP 388347.1 NC 000964:518943-519293 D.AKRYGFERDSVILLEQIRTIDKQRL.TDKITHLDDEMMDKVDEALQISLALIDF.........  116
T1499 WP 000635963.1 NC 005945:241493-241843 D.AKKYGFERDSVILLEQIRTIDKQRL.TDKITHLDEVMMIRVDEALQISLGLIDF.........  116
consensus                                    *   ********************  **  ****  ***  **   **  **  ****!       *
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X non conserved

X similar

X ≥ 50% conserved