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T4914 WP 005614926.1 NC 010278:c722396-722007     ...MYMLDTNTVSYFFRQDPTV.VKKLQQ..LNPELICISSVTAAELFYGVKKRNN.QKLTAFLNTFLSAIT.VM   67
T877 WP 010969926.1 NC 003047:2611709-2612113     .MNGYLLDTNISDVIHNPFGPAAQRIER..IGPKEIYTSIVVASELRYGCAKKGS.AKLLAKVESLLEIVP.VL   70
T3856 WP 119185609.1 NC 009446:296550-296951      ..IKLMLDTNICIYIINRKPPYIAEKFSR..YEIGDIGISNITACELAFGVEKSGS.AKNKTALTKFLAPLS.IL   69
T3858 WP 119185609.1 NC 009446:1077098-1077499    ..IKLMLDTNICIYIINRKPPYIAEKFSR..YEIGDIGISNITACELAFGVEKSGS.AKNKTALTKFLAPLS.IL   69
T652 WP 000281042.1 NC 004342:c1008321-1007923    ...MYLLDTNICIFLIKKKNATLLENLKK..KLNKDLFVSSLTVAELEFGIQKSEFKEKNKVALIEFLTIFN.IL   69
T962 WP 010871640.1 NC 000911:c474204-473953      ..MKYLLDTNICIYLIKKKPFKVLAKFQT..LEISDIGISSITVAELEYGVSKSQQQSKNRDALMQFLMPLE.IV   70
T6112 YP 009066162.1 NC 025100:c160751-160350     .....MLDTNICSFIMREQPEAVLKNLEQAVLRGHRIVVSAITYSEMRFGATGPKASPRHVQLVDAFCARLDAIL   70
T6111 YP 009066159.1 NC 025100:c155888-155487     .....MLDTNICSFIMREQPEALLKHLEQSVLRGHRIVVSAITYSEMRFGATGPKASPRHVQLVDAFCERLDAVL   70
T10197 WP 000754566.1 NC 023314:c57433-57017      MKKTWMLDTNICSFIMREQPAAVLKRLEQAVLRGDRIVVSAVTYAEMRFGATGPKASPRHIQLVDAFCARLDAVL   75
T1066 WP 010868975.1 NC 000907:351371-351775      ..MIYMLDTNIIIYLMKNRPKIIAERVSQL.LPNDRLVMSFITYAELIKGAFGSQNYEQSIRAIELLTERVN.VL   71
T10129 WP 005649049.1 NZ MZIN01000044:23438-23842 ..MIYMLDTNIIIYLMKNRPKIIAERVSQL.LPNDRLVMSFITYAELIKGAFGSQNYEQSIRAIELLTERVN.VL   71
T10054 WP 066609966.1 NZ CP014301:308829-309227   .MLAYMLDTNICIYLIKDKLPALRQHFKD...ASGRVCVSSVTLGELSYGAEKSDRRAQNFEALERFIDRML.VL   70
T4922 WP 012263372.1 NC 010278:1929418-1929816    .MLTYMLDTNIAIYVVKRRPIEVLDKFNL...NSTRLCVSSITAAELYYGAEKSQFPERNMAVIEDFLSRLT.IL   70
T1070 WP 005651560.1 NC 000907:c1008583-1008185   .VLKYMLDTNIVIYVIKRRPLEILSRFNQ...NAGKMCVSSITVAELYYGAEKSEYPERNIAVIEDFLSRLT.IL   70
T439 NP 461950.1 NC 003197:c3195560-3195162       .MLKFMLDTNTCIFTIKNKPEHIRERFNL...NTSRMCISSITLMELIYGAEKSLAPERNLAVVEGFISRLE.VL   70
consensus                                           * **!!!!*******  **   *   *          ** *! ** *!* *!* **     * *   **  **  **   **
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T4914 WP 005614926.1 NC 010278:c722396-722007     DWDYQVAEVYGQLRAEMEREGKIMGVQDQMIGAHALATECVLVSS.DKAFQFIPNLVLENWWK.   129
T877 WP 010969926.1 NC 003047:2611709-2612113     PLDIPADTRYGSIRAELESLGQTIGSNDLLIAAHAYALDLTLVTDNIREFSRVRGLSLENWLER   134
T3856 WP 119185609.1 NC 009446:296550-296951      PFDKQAIWHYARIRQSLQNRGTPIGALDMLIASHALALDITLVTNNTKEFERVDGLMLDNWVID   133
T3858 WP 119185609.1 NC 009446:1077098-1077499    PFDKQAIWHYARIRQSLQNRGTPIGALDMLIASHALALDITLVTNNTKEFERVDGLMLDNWVID   133
T652 WP 000281042.1 NC 004342:c1008321-1007923    SFSDKDAESYGIIRADLERKGNVIGSIDMLLAAQAIANNYTFVTNNTKEFKRIKALKIENWTQ.   132
T962 WP 010871640.1 NC 000911:c474204-473953      EFNSGSGDRLWQH.....................................................   83
T6112 YP 009066162.1 NC 025100:c160751-160350     PWDRAAVDATTEVKVALRLAGTPIGPNDTAIAGHAIATGAILVTNNVREFERVPGLVLEDWAG.   133
T6111 YP 009066159.1 NC 025100:c155888-155487     PWDRAAVDATTEIKVALRLAGTPIGPNDTAIAGHAIAACAILVTNNVREFERVPGLVLEDWVR.   133
T10197 WP 000754566.1 NC 023314:c57433-57017      PWDRAAVDATTDIRVALRLAGTPICPNDTAIAGHAIAAGAILVTNNVREFARVPGLVLEDWVK.   138
T1066 WP 010868975.1 NC 000907:351371-351775      YPNEQICLHYGKWANTLKKQGRPIGNNDLWFACHALSLNAVLITHNVKEFQRITDLQWQDWTK.   134
T10129 WP 005649049.1 NZ MZIN01000044:23438-23842 YPNEQICLHYGKWANTLKKQGRPIGNNDLWIACHALSLNAVLITHNVKEFQRITDLQWQDWTK.   134
T10054 WP 066609966.1 NZ CP014301:308829-309227   PFDVQAAGHYGELRAVLARAGTPCGPLDTQIGAHARSQGLIVVTNNRREFDRMPGLRVENWV..   132
T4922 WP 012263372.1 NC 010278:1929418-1929816    DYTHKAATHFGNIKAHLSKQGKIIGENDIHIAAHARSEGLVLVTNNLREFERVEGLRLDNWV..   132
T1070 WP 005651560.1 NC 000907:c1008583-1008185   DYQPKHAAHFGNIKAELSKQGKLIGENDIHIAAHARSEGLILVSNNLREFERVIALRTENWV..   132
T439 NP 461950.1 NC 003197:c3195560-3195162       DYDTQAAIHTGQIRAELARKGTPVGPYDQMIAGHAGSRGLVVVTNNLREFERIPGIRIEDWC..   132
consensus                                           **  *   **  **  *   * *** **  ******     **************  **  **  **  *
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X non conserved

X similar

X ≥ 50% conserved