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logo
T180 15595322 NC 002516:c143848-143567          .............MSLKWTRKAAADLDAIYDHYVVLIGPEKALKAVQDIVEQVKPLQQVANQGAGRPS...EVPGVRTLT    64
T178 WP 000229317.1 NC 002506:425872-426174     .............MVEIIWTELALSDLNDIAE.YIALENVVAAKQLVQTVFTKVERLADFPE..SGRVPPELEHLNYREVV    65
T229 WP 012640512.1 NC 002696:c2719292-2718990  MGDARRKARARDVAQVVWTWRALADLTAIRD.YIGQFSPLAAQRMALRLKTAADSLAEYPE..RGRLA....TATLRELV    73
T1006 NP 309094.1 NC 002695:c1167743-1167456    .............MLPILWLPSARDDLRQIIT.YIAKENPPAARRLKIRIETSVLPLSEHPY..LYPPSE..RVSGLREIV    63
T10143 WP 002555994.1 NC 019292:39828-40106     .............MQIIWRQRARMSLAKIIR.YISNEDPQAAQAILERLQSAILPVADHPY..LYRPG...RVPGTRELV    61
T10139 WP 002556011.1 NC 019265:c64275-64000    .............VLTIRWADEASTDLVEIID.YIEQRSPIAAEALNANILKAVEGLPSAPY..LFRHG...REPGTRECV    62
T168 WP 000578476.1 NC 002506:c343521-343243    ..............MIFWEEASLNDREKIFE.FLYDFNPAAAKKTDELIEAKVENLLEQPL..IGVQR...DGIRGRLLI    60
T179 WP 000578476.1 NC 002506:c433313-433035    ..............MIFWEEASLNDREKIFE.FLYDFNPAAAKKTDELIEAKVENLLEQPL..IGVQR...DGIRGRLLI    60
T705 WP 005483176.1 NC 004603:1935797-1936075   ..............MILWEEESLNDREEIFE.FLYDFNPDAAEKTDNLIEAKVENLLKQPL..MGVQR...DGIRGRLLI    60
T10119 WP 001384452.1 NC 025198:2664-2942       .............MEIFWTMLASQDRKRIRE.YIAEQNLMAAIELDERIGYSASSLAGQPY..KGRNG...RVEGTRELV    61
T6097 WP 010967243.1 NC 003037:258530-258823    .............MRLVWARYALDDRDTIFS.YIERENPRAAVHVDEEIVSAVRRLLDFPE..SGRPG...RIAGTRELV    61
T6134 WP 013496751.1 NC 014832:2712-3011        .............MKQLVIAEPAGRDLEEIVD.YIAVNNPVAAEKVYWEIVRAAEKLSDFPA..LGRPG...RHPETRELS    62
consensus                                                   * ***   *  **  ! * **   ** *! **   *   ** * * *   ***          !***

logo
T180 15595322 NC 002516:c143848-143567          LERWPFSAPFRVKG..KEIQILRIDRVEITP........    93
T178 WP 000229317.1 NC 002506:425872-426174     VSPC..RVFYKYDD..AKVRILFVMRAERDLRRLMLTKQ   100
T229 WP 012640512.1 NC 002696:c2719292-2718990  VVP.PYVIRYYVAD..GLVHIVRIRHAARL.........   100
T1006 NP 309094.1 NC 002695:c1167743-1167456    THP.NYIILYRVAA..SSIEIVSVTHSRRQFPFSI....    95
T10143 WP 002555994.1 NC 019292:39828-40106     AHP.NYVLVYRVTL..ERIEVVNVIHARQEYPSL.....    92
T10139 WP 002556011.1 NC 019265:c64275-64000    LHP.NYLVVYQVGA..DTIDVLRILHARQQYP.......    91
T168 WP 000578476.1 NC 002506:c343521-343243    IPEISMIVSYWVDG..SKIRIMRVLHQKQKFPND.....    92
T179 WP 000578476.1 NC 002506:c433313-433035    IPEISMIVSYWVDG..SKIRIMRVLHQKQKFPND.....    92
T705 WP 005483176.1 NC 004603:1935797-1936075   IPEISMIVSYWVEG..DIIRVMRVQHQKQKFPTD.....    92
T10119 WP 001384452.1 NC 025198:2664-2942       IHP.HFVLVYEVDSQWGKVYILRVLHTAQKWP.......    92
T6097 WP 010967243.1 NC 003037:258530-258823    IPRTPYIAAYMVME..DRIRILRVLHGAQKWPSELDDG.    97
T6134 WP 013496751.1 NC 014832:2712-3011        IADLPYLLVYEVRP..EEVTILAVFHTSRDLAKVLHDRI    99
consensus                                       *    *** * *       * *****  * **
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X non conserved

X similar

X ≥ 50% conserved