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logo

T6024 WP 001284311.1 NC 006979:7018-7881          MANIVNFTDKQFENRLNDNLEELIQGKKAVESPTAFLLGGQPGSGKTSLRSAIFEETQGNVIVIDNDTFKQQHPNFDELV   80
T6079 WP 001284311.1 NC 006979:c10433-9570        MANIVNFTDKQFENRLNDNLEELIQGKKAVESPTAFLLGGQPGSGKTSLRSAIFEETQGNVIVIDNDTFKQQHPNFDELV   80
T6092 AET37228.1 JN849634:c10997-10134            MANIVNFTDKQFENRLNDNLEELIQGKKAVESPTAFLLGGQPGSGKTSLRSAIFEETQGNVIVIDNDTFKQQHPNFDELV   80
T6104 YP 009090346.1 NG 041566:3735-4598          MANIVNFTDKQFENRLNDNLEELVQGKKAVESPTAFLLGGQPGSGKTSLRSAILEETQGNVIVIDNDTFKQQHPNFDELA   80
T6080 WP 000405367.1 NC 018630:c1049870-1049109   .MEIQDYTDSEFKHALARNLRSLTRGKKSSKQPIAILLGGQSGAGKTTIHRIKQKEFQGNIVIIDGDSFRSQHPHYLELQ   79
T6282 WP 000405357.1 NC 003098:935359-936120      .MEIQDYTDSEFKHALARNLRSLTRGKKSSKQPIAILLGGQSGAGKTTIHRIKQKEFQGNIVIIDGDSFRSQHPHYLELQ   79
T10019 WP 000405360.1 NC 003028:988528-989289     .MEIQDYTDSEFKHALARNLRSLTRGKKSSKQPIAILLGGQSGAGKTTIHRIKQKEFQGNIVIIDGDSFRSQHPHYLELQ   79
T6037 CCJ27800.1 HE963029:79006-79776             .MRLEEFSEAGFQKALQRTIRALTRGKTIPGQPKAILLGGQSGAGKTTIHRIKQKEFQGNIIIIDGDSYRSQHPNYLALQ   79
T6280 YP 001198302.1 NC 009442:c911367-910591     .MRLEEFSEAAFQKALQRTIRALIRGKTIPEQPKAILLGGQSGAGKTTIHRIKQKEFQGNIIIIDGDSYRSQHPNYLALQ   79
consensus                                          * * ****  !  *!***** !**!!*  **! !*!!!!!*!*!!!********!*!!!***!!*!****!!!****!*

logo

T6024 WP 001284311.1 NC 006979:7018-7881          KLYEKDVVKHVTPYSNRMTEAIISRLSDQGYNLVIEGTGRTTDVPIQTATMLQAKGYETKMYVMAVPKINSYLGTIERYE  160
T6079 WP 001284311.1 NC 006979:c10433-9570        KLYEKDVVKHVTPYSNRMTEAIISRLSDQGYNLVIEGTGRTTDVPIQTATMLQAKGYETKMYVMAVPKINSYLGTIERYE  160
T6092 AET37228.1 JN849634:c10997-10134            KLYEKDVVKHVTPYSNRMTEAIISRLSDQGYNLVIEGTGRTTDVPIQTATMLQAKGYETKMYVMAVPKINSYLGTIERYE  160
T6104 YP 009090346.1 NG 041566:3735-4598          KLYEKDVVKHVTPYSNRMTEAIISRLSDQGYNLVIEGTGRTTDVPIQTATMLQAKGYETKMYVMAVPKINSYLGTIERYE  160
T6080 WP 000405367.1 NC 018630:c1049870-1049109   QEYGKDSVEYTKDFAGKMVESLVTKLSSLRYNLLIEGTLRTVDVPKKTAQLLKNKGYEVQLALIATKPKLSYLSTLIRYE  159
T6282 WP 000405357.1 NC 003098:935359-936120      QEYGKDSVEYTKDFAGKMVESLVTKLSSLGYNLLIEGTLRTIDVPKKTAQLLKNKGYEVQLALIATKPELSYLSTLIRYE  159
T10019 WP 000405360.1 NC 003028:988528-989289     QEYGKDSVEYTKDFAGKMVESLVTKLSSLRYNLLIEGTLRTVDVPKKTAQLLKNKGYEVQLALIATKPELSYLSTLIRYE  159
T6037 CCJ27800.1 HE963029:79006-79776             EKYGKDSVDYTKGFAGKMVEHLVDGLSTQGYHLLIEGTLRTTQVPRQTAQLLVSKGYQVSLAVIGTKPELSYLSTLIRYE  159
T6280 YP 001198302.1 NC 009442:c911367-910591     EKYGKDSVDYTKGFAGKMVEHLVDELSTQGYHLLIEGTLRTTQVPRQTAQLLASKGYQVSLAVIGTKPELSYLSTLIRYE  159
consensus                                           !*!!*!**** ****!*! ****!!***!*!*!!!!*!!**!!**!!**!  !!!** ******** *!!!*!**!!!

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T6024 WP 001284311.1 NC 006979:7018-7881          TMYADDPMTARATPKQAHDIVVKNLPTNLETLHKTGLFSDIRLYNREGVKLYSSLETPSISPKETLEKELNRKVSGKEIQ  240
T6079 WP 001284311.1 NC 006979:c10433-9570        TMYADDPMTARATPKQAHDIVVKNLPTNLETLHKTGLFSDIRLYNREGVKLYSSLETPSISPKETLEKELNRKVSGKEIQ  240
T6092 AET37228.1 JN849634:c10997-10134            TMYADDPMTARATPKQAHDIVVKNLPTNLETLHKTGLFSDIRLYNREGVKLYSSLETPSISPKETLEKELNRKVSGKEIQ  240
T6104 YP 009090346.1 NG 041566:3735-4598          TMYADDPMTARATPKQAHDIVVKNLPTNLETLHKTGLFSDIRLYNREGVKLYSSLETPSISPKETLERELNRKVSGKEIQ  240
T6080 WP 000405367.1 NC 018630:c1049870-1049109   ELYAINPNQARATPKEHHDFIVNHLVDNTRQLEELAIFERIQIYQRDRSCVYDSKENTTSAA.DVLHELLFGEWS.....  233
T6282 WP 000405357.1 NC 003098:935359-936120      ELYIINPNQARATPKEHHDFIVNHLVDNTRKLEELAIFERIQIYQRDRSCVYDSKENTTSAA.DVLQELLFGEWS.....  233
T10019 WP 000405360.1 NC 003028:988528-989289     ELYIINPNQARATPKEHHDFIVNHLVDNTRKLEELAIFERIQIYQRDRSCVYDSKENTTSAA.DVLQELLFGEWS.....  233
T6037 CCJ27800.1 HE963029:79006-79776             ELYAIDPTQARATPKEHHDGIVENLVDNLRELEREQLFDQIQIYQRDRTCIYDSAIDEGSAA.EVLQECLFGKWS.....  233
T6280 YP 001198302.1 NC 009442:c911367-910591     ELYAIDPNQARATPKEHHDGIVENLVDNLSELEREQLFDQIQIYQRDRTCIYDSEIDEGSAV.EVLQECLFGQWS.....  233
consensus                                         **!***! *!!!!!!**!! *! *!**!*  !** **!* !**!*!*****!*! *  ***  **! * !****!

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T6024 WP 001284311.1 NC 006979:7018-7881          PTLERIEQKMVLNKHQETPEF.KAIQQKLESLQPPTPPIPKTPKLPGI   287
T6079 WP 001284311.1 NC 006979:c10433-9570        PTLERIEQKMVLNKHQETPEF.KAIQQKLESLQPPTPPIPKTPKLPGI   287
T6092 AET37228.1 JN849634:c10997-10134            PTLERIEQKMVLNKHQETPEF.KAIQQKLESLQPPTPPIPKTPKLPGI   287
T6104 YP 009090346.1 NG 041566:3735-4598          PTLERIEQKMVQNQHQETPEF.KAIQQKLESLQPPTPPIPKTPKLPGL   287
T6080 WP 000405367.1 NC 018630:c1049870-1049109   ....QVEKEMLRVGEKRLNELLEK........................   253
T6282 WP 000405357.1 NC 003098:935359-936120      ....QVEKEMLQVGEKRLNELLEK........................   253
T10019 WP 000405360.1 NC 003028:988528-989289     ....QVEKEMLQVGEKRLNELLEK........................   253
T6037 CCJ27800.1 HE963029:79006-79776             ....KVEEEMGRRVNSYLMNYLRKINN......................   256
T6280 YP 001198302.1 NC 009442:c911367-910591     ....KVEEEMLKAGQERLGELVSANGEKK....................   258
consensus                                             **! *!*       * *********
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X non conserved
X similar
X $\geq$ 50% conserved