logo

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AT10013 WP 061065448.1 NZ CP014038:c1867735-1867268 ....MKAYHTYSAVDVAWSLLKHA..KEQGKCFSNLQLQKLTYVCHGLSLAHFQRPLVVDDVFAWKFGPVVPSVY   69
AT6367 YP 002519003.1 NC 011916:c3786790-3786224     MPPLTQDPQSVDARAVANLLLDKA..AALDIPISNLALQKLLYFAHGRFLVDKGRPLVNGFFEAWKFGPVHPVVY   73
AT10010 YP 863932.1 NC 007145:c8828-8355            ........MTISALQLAAELIRRSDAQSRPQFTTNLAIQKLAYFCHGWHLALSGEPLVNEPFEAWRFGPVLPGLY   67
consensus                                                     ***!* *!   !****          *!!**!!! !**!!   !*  **!!!** **!!*!!!!*!  *!
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logo

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AT10013 WP 061065448.1 NZ CP014038:c1867735-1867268 FRFKSYGSSVIPEQC.............DVALDQESESIVKDVVSKLGHLTGPQLVDLTHREGSPWHQVWDGTHQ   131
AT6367 YP 002519003.1 NC 011916:c3786790-3786224     RCFSANGPKYIINRAIKKDILSGLHIIVSPPRDQDIHEGIERVLLTMGRMSASQLVAVSHASGGPWDVIAN.GPG   147
AT10010 YP 863932.1 NC 007145:c8828-8355            HTLKVFSSNPIPANH..PLVIS....QASLPAGSWSGQLIDHVLNVYGGLSTTQLVSIISHASDGPWQQVWSQGPS   136
consensus                                             ** ***   !* *      ***       *** ****  *** !*   *! ****!!! *!****!! ***   **
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logo

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AT10013 WP 061065448.1 NZ CP014038:c1867735-1867268 KVI......PDHLIQAHYTQIKQSG.....RTASL......   155
AT6367 YP 002519003.1 NC 011916:c3786790-3786224     TNLGLGLRICDKVIKDRFRFQKVSVSVPPGLGDTLEEAPPS   188
AT10010 YP 863932.1 NC 007145:c8828-8355            SWI......TNESIATYFRKLAN...KPAQ...........   157
consensus                                           * *       * *!   ** ****   *     **
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X non conserved

X similar

X $\geq$ 50% conserved