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logo
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AT10010 YP 863932.1 NC 007145:c8828-8355              ....MTISALQLAAELIRRSDAQSRPQFTTNLAIQKLAYFCHGWHLALSGEPLVNEPFEAWRFGPVLPGLYHTLK   71
AT10013 WP 061065448.1 NZ CP014038:c1867735-1867268   MKAYHTYSAVDVAWSLLKHAKE..QGKCFSNLQLQKLTYVCHGLSLAHFQRPLVVDDVFAWKFGPVVPSVYFRFK   73
AT10007 WP 000287252.1 NZ AFEX01000045:54835-55308    .....MYSPVQIANKFITLGNQ..HHNPLTHMQLQKLTYIAHGYYLALTGKPLLNECVSAWKYGPVIPGMYDAFK   68
AT10009 WP 077993240.1 NZ CP015625:2083169-2083642    .....MHDSTVVANCFLKLAKD..KNDTLTPMQLLKLVYIAHGWMLGLYGRPLIKDEIQAWQYGPVIPNLYNKIR   68
consensus                                                      ******!*  ******   *  *  *******!!*!**!!*  !**  **!!*****  !!**!!!*!**!  ***
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logo
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AT10010 YP 863932.1 NC 007145:c8828-8355              VFSSNPIPAN..HPLVISQASLPAGSWSGQLIDHVLNVYGGLSTTQLVSISHASDGPWQQVWSQGP.SSWITNES   143
AT10013 WP 061065448.1 NZ CP014038:c1867735-1867268   SYGSSVIPEQ.........CDVALDQESESIVKDVVSKLGHLTGPQLVDLTHREGSPWHQVWD.GTHQKVIPDHL   138
AT10007 WP 000287252.1 NZ AFEX01000045:54835-55308    DYGNKPVTNVAVAPFGG...IVTMDPQAESIIGAVYKFYGSKNGIELSTLTHMPGTPWSQAYN.GIGSSIISNDA   139
AT10009 WP 077993240.1 NZ CP015625:2083169-2083642    RYKSNPVTDYIDHGLNNDRADDQLDYDENDIVNQVYQIYGHLSGPYLSRLTHQPGSPWEVTYKPGVFGAVISNDV   143
consensus                                              *********  ***     *** ** ******  !****!******!  ***!  ***!! ***   !* ***!****
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logo
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AT10010 YP 863932.1 NC 007145:c8828-8355              IATYFRKLANKPAQ....   157
AT10013 WP 061065448.1 NZ CP014038:c1867735-1867268   IQAHYTQIKQSGRTASL.   155
AT10007 WP 000287252.1 NZ AFEX01000045:54835-55308    IKAYYHDLLNNRQQCQGL   157
AT10009 WP 077993240.1 NZ CP015625:2083169-2083642    IEDHYQRRASSKQG....   157
consensus                                             !  ***  ********
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X non conserved
X similar
X ≥ 50% conserved