

logo

AT10007	WP	000287252.1	NZ	AFEX01000045:54835-55308	MYSPVQIANKFITLQ...NQHHNPLTHMQLQKLTYYIAHGYYLALTGKPLLNECVSAWKYGPVTPGMY	64
AT10013	WP	061065448.1	NZ	CP014038:c1867735-1867268	MKAYHTYSAVDVAWSLKKHA..KEQGKCFSNLQQLKLTYYVCHGLSLAHFQRPVLVDDVFAWKFGPVVPSVY	69
AT10010	YP	863932.1	NC	007145:c8828-8355	MTISALQLAAELIRSDAQSRPQFTTNLAIQKLAYFCHGWHLALSCEPLVNEPFEAWRFPGVLPGLY	67
AT6367	YP	002519003.1	NC	011916:c3786790-3786224	MPPLTQDPQSVDARAVANLLDKA...AALDIPISNLAQLKLLYFAHGRFLVDKGRPLVNGFFEAWKFGPVHPVVY	73
consensus					*****!***** * ***** *!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

logo

AT10007	WP	000287252.1	NZ	AFEX01000045:54835-55308	DAFKDYGKPKVITNVAVAPF.....GGIVTMDPQAESIIGAVYKFYGSKNGIELSTLTHMPGTPWSQLYNGIGS	132
AT10013	WP	061065448.1	NZ	CP014038:c1867735-1867268	FRFKSYGSSVIPE.....QCDVALDQESSEIVKDVVSKLGHLTGPQLVDLTHREGSPWHQVWDGTHQ	131
AT10010	YP	863932.1	NC	007145:c8828-8355	HTLKVFSSNPPIPAANH..PLVIS....QASLPAGSWSGQLIDHVLNVYGGGLSTTQLVSSISHASDGPWQQVWSQGPS	136
AT6367	YP	002519003.1	NC	011916:c3786790-3786224	RCFSANGPKYIINRAIKKDILSGLHIIVSPPRDQDIHEGIERVLLTMGRMSASQLVAVSHASGGPVDVIAN.GPG	147
consensus					* * ***** * * ***** *!!!! *! *****!*****!*****! *****	

logo

AT10007	WP	000287252.1	NZ	AFEX01000045:54835-55308	SI.....ISNDAIKAYYHDLNLRQQCQGL.....	157
AT10013	WP	061065448.1	NZ	CP014038:c1867735-1867268	KV.....IPDHLIAHYTQIKQSGRTASL.....	155
AT10010	YP	863932.1	NC	007145:c8828-8355	SWI.....INESIATYFRKLAN...KPAQ.....	157
AT6367	YP	002519003.1	NC	011916:c3786790-3786224	TNIGLGLRITCDKVIKDRFRFQKVSVSVPGLGDTLEEAPPS	188
consensus					*** * * *!***** ***** * **	

- non conserved
- similar
- ≥ 50% conserved