```
logo
                                                 MIAIADILQAGEKLTAVAPFLAGIQNEEQYTQALELVDHLLLNDPENPLLDLVCAKITAWEESAPE
                                                 MRTHRQMDATSAKKIVDTFSDAVKTVPLMGEDRNDNEYRRALALVEFLVDHDDLENPLFELLCARISEYEKHAPE
AT10135 WP 000560266.1 NZ CP037923:13672-14088   ........MIAIADILQAGEKLTAVAPFLAGIQNEEQYTQALELVDHLLL.NDPENPLLDLVCAKITAWEESAPE   66
AT1046 NP 417553.1 NC 000913:c3234144-3233728   ........MIAIADILQAGEKLTAVAPFLAGIQNEEQYTQALELVDHLLL.NDPENPLLDLVCAKITAWEESAPE   66
AT10125 WP 000560266.1 NZ HG738867:3548476-3548892 ........MIAIADILQAGEKLTAVAPFLAGIQNEEQYTQALELVDHLLL.NDPENPLLDLVCAKITAWEESAPE   66
AT6087 NP 462910.3 NC 003197:c4240108-4239662   MRTHRQMDATSAKKIVDTFSDAVKTVPLMGEDRNDNEYRRALALVEFLVDHDDLENPLFELLCARISEYEKHAPE   75
consensus                                                ******!***********!******!***!**!!*!!**!** *!*!!!!**!*!!*!***!**!!!
```

```
logo
                                                 FAEFNAMAQAMPGGIAVIRTLMDQYGLTLSDLP.EIGSKSMVSRVLSGKRKLTLEHAKKLATRFGISPALFID
                                                 KALNQHLEKTPPGVSVLRTLMDQYGLKAADLANELGSKSNVSNILNGRRALTVNHIKALTQRFKLPADAFIE
AT10135 WP 000560266.1 NZ CP037923:13672-14088   FAEFNAMAQAMPGGIAVIRTLMDQYGLTLSDLP.EIGSKSMVSRVLSGKRKLTLEHAKKLATRFGISPALFID   138
AT1046 NP 417553.1 NC 000913:c3234144-3233728   FAEFNAMAQAMPGGIAVIRTLMDQYGLTLSDLP.EIGSKSMVSRVLSGKRKLTLEHAKKLATRFGISPALFID   138
AT10125 WP 000560266.1 NZ HG738867:3548476-3548892 FAEFNAMAQAMPGGIAVIRTLMDQYGLTLSDLP.EIGSKSMVSRVLSGKRKLTLEHAKKLATRFGISPALFID   138
AT6087 NP 462910.3 NC 003197:c4240108-4239662   FKALNQHLEKTPPGVSVLRTLMDQYGLKAADLANELGSKSNVSNILNGRRALTVNHIKALTQRFKLPADAFIE   148
consensus                                       !***!******!*!**!*!!!!!!!!!***!!* !*!!!!*!!**!*!*!*!!**!*!*!**!!******!!*
```

X non conserved

X similar

X $\geq$ 50% conserved