```
logo

AT6256 WP 012576473.1 NC 011593:c15720-15442    ..MSGTTTTVNVRMNAELKKQAEELFGELGMNLTTAVNIFIRQSLRQGGIPFNVSLDEPNRETVSAMLEAKRIARDGNVK   78
AT665 WP 002262888.1 NC 004350:849954-850226    .MVVKNKANINIKIDLEDKAAADAIFAHMGLTTSAAVNMFIKRVIDDQALPFTPRVKN.....T..LDIALEQAKNDDVE   72
AT6139 WP 014571130.1 NC 013199:c513394-513122  ...MTKKSRISVRIDTKTKERALHVLNSMGLDISSAINMYLKRIGDTGALPFTPPMSF.....VDQLQVAEADVKAGRIK   72
AT6144 WP 014571130.1 NC 017491:c513570-513298  ...MTKKSRISVRIDTKTKERALHVLNSMGLDISSAINMYLKRIGDTGALPFTPPMSF.....VDQLQVAEADVKAGRIK   72
AT6239 WP 014571130.1 NC 017491:c513570-513298  ...MTKKSRISVRIDTKTKERALHVLNSMGLDISSAINMYLKRIGDTGALPFTPPMSF.....VDQLQVAEADVKAGRIK   72
AT10110 QIP66207.1 MK544948:1-273               ...MTKKSRISVRIDTKTKERALHVLNSMGLDISSAINMYLKRIGDTGALPFTPPMSF.....VDQLQVAEADVKAGRIK   72
AT10111 QIP66199.1 MK544944:1-270               MAATKKETRLNIRVDPELKSAAQIVANDMGIDLTAAVTMFMTKMVKDHALPFTPTSLP.....VETLQALKEAKHPELLK   75
AT10112 QIP66197.1 MK544943:1-270               MAATKKETRLNIRIDPELKSAAQIVANDMGIDLTAAVTMFMTKMVKDHALPFTPTSLP.....VETLQALKEAKHPELLK   75
consensus                                          * ***** ****   !  !  * * *!*****!******** * ***!!** *        ** ****    * * **

logo

AT6256 WP 012576473.1 NC 011593:c15720-15442    GYRDLNALFKDLDA....   92
AT665 WP 002262888.1 NC 004350:849954-850226    TFDSFDDWKSEMSAYAKD   90
AT6139 WP 014571130.1 NC 013199:c513394-513122  SFKTVDALMKDLYSDVDD   90
AT6144 WP 014571130.1 NC 017491:c513570-513298  SFKTVDALMKDLYSDVDD   90
AT6239 WP 014571130.1 NC 017491:c513570-513298  SFKTVDALMKDLYSDVDD   90
AT10110 QIP66207.1 MK544948:1-273               SFKTVDALMKDLYSDVDD   90
AT10111 QIP66199.1 MK544944:1-270               KYSTPDDMWRDLNV....   89
AT10112 QIP66197.1 MK544943:1-270               KYSTPDDMWRDLNV....   89
consensus                                       ********  ***     *
```

X non conserved

X similar

X ≥ 50% conserved