```
logo
AT6082 AIA61629.1 KJ534569:c3835-3527          ..MVRYSRKELNEKFGEKQDAEIQRLLAKGTVP....DDQLDLSD..IPEITDW....SNAVRQNQFYRPVKQQTSIRLD   68
AT6081 AIA61619.1 KJ534568:c3833-3525          ..MVRYSRKELNEKFGEKQDAEIQRLLAKGTVP....DDQLDLSD..IPEITDW....SNAVRQNQFYRPVKQQTSIRLD   68
AT10188 WP 001983304.1 NZ CP015486:11541-11855 MSMVRYSHKELNEKFGEKQDAEIQRLLAKGTVP....DDQLDLSD..IPEITDW....SNAVRQNQFYRPVKQQTSIRLD   70
AT1547 WP 004525420.1 NC 006351:c539498-539214 .....MSSKRKIVMPTDEEDAAINRGIAADPDTFEV.............PAEDEAKMTRRGKRGRPPLEAPKVQLTVRYD   62
AT6121 WP 002964097.1 NC 007618:c959559-959245 MG.IKFSSKRPL...TQEEEAEIQKMIASDPDAPEATDEQLAKAKPFKEAFPDMAAKMEKAIRGRPRIDNPKTPVTIRLD   76
AT2224 WP 002964097.1 NC 007618:c959559-959245 MG.IKFSSKRPL...TQEEEAEIQKMIASDPDAPEATDEQLAKAKPFKEAFPDMAAKMEKAIRGRPRIDNPKTPVTIRLD   76
consensus                                         ***! !        *  *!*!****!         ****           !*       **!         ! * **!*!
```

```
logo
AT6082 AIA61629.1 KJ534569:c3835-3527          ADVLAWFKAQGKGYQTRMNEILRDAMLKELKNHQ   102
AT6081 AIA61619.1 KJ534568:c3833-3525          ADVLAWFKAQGKGYQTRMNEILRDAMLKELKNHQ   102
AT10188 WP 001983304.1 NZ CP015486:11541-11855 ADVLAWFKAQGKGYQTRMNEILRDAMLKELKNHQ   104
AT1547 WP 004525420.1 NC 006351:c539498-539214 VDIVDAFKATGEGWQTRMNDALREWLREHQPA..    94
AT6121 WP 002964097.1 NC 007618:c959559-959245 QDVVQRFKATGKGWQGRMNDALRKAVGL......   104
AT2224 WP 002964097.1 NC 007618:c959559-959245 QDVVQRFKATGKGWQGRMNDALRKAVGL......   104
consensus                                       !**  !!! !*!*!*!!!* !!***
```

X non conserved

X similar

X $\geq$ 50% conserved