```
logo
                                                  MKANMRRSLSMIGKNIKSLRKTHDLTQPEFARIYGISRNSLSRYENGTSSVSTELIDRICQKFNVSYVDIVGEDKMLNPV

AT10019 WP 000579608.1 NC 003028:988052-988528    ..........MIGKNIKSLRKTHDLTQLEFARIVGISRNSLSRYENGTSSVSTELIDIICQKFNVSYVDIVGEDKMLNPV   70
AT6080 WP 000579612.1 NC 018630:c1050346-1049870  ..........MIGKNIKSLRKTHDLTQPEFARIIGISRNSLSRYENGTSSVSTELIDIICQKFNVSYVDIVGEDKMLNPV   70
AT6282 WP 000579612.1 NC 003098:934883-935359     ..........MIGKNIKSLRKTHDLTQPEFARIIGISRNSLSRYENGTSSVSTELIDIICQKFNVSYVDIVGEDKMLNPV   70
AT6037 CCJ27799.1 HE963029:78500-79006            MKANMRRSLSMIGDNIKSLRRTHDLTQPEFAKMVGISRNSLSRYENGTSTVSTELIDRICQKFNVSYVDIVGEDKMLTPV   80
AT6280 YP 001198303.1 NC 009442:c911873-911367    MKANMRRSLSMIGDNIKSLRRTHDLTQPEFAKMVGISRNSLSRYENGTSTVSTELIDRICQKFNVSYVDIVGEDKMLTPV   80
consensus                                                 !!!*!!!!!!*!!!!!!*!!!***!!!!!!!!!!!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!*!!

logo
                                                  EDYELTLKIEIVKERGANLLSRLYRYQDSQGISIDDESNPWILMSDDLSDLIHTNIYLVETFDEIERYSGYLDGIERMLE

AT10019 WP 000579608.1 NC 003028:988052-988528    EDYELTLKIEIVKERGANLLSRLYRYQDSQGISIDDESNPWILMSDDLSDLIHTNIYLVETFDEIERYSGYLDGIERMLE   150
AT6080 WP 000579612.1 NC 018630:c1050346-1049870  EDYELTLKIEIVKERGANLLSRLYRYQDSQGISIDDESNPWILMSDDLSDLIHTNIYLVETFDEIERYSGYLDGIERMLE   150
AT6282 WP 000579612.1 NC 003098:934883-935359     EDYELTLKIEIVKERGANLLSRLYRYQDSQGISIDDESNPWILMSDDLSDLIHTNIYLVETFDEIERYSGYLDGIERMLE   150
AT6037 CCJ27799.1 HE963029:78500-79006            EDYQLTLKVEVIKERGAATLSQLYRYQDSQDIAFDDESNPWILMSDDLAELINTKIYLVDTFDEIERYNGYLDGIERMLD   160
AT6280 YP 001198303.1 NC 009442:c911873-911367    EDYHLTLKVEVIKERGAATLSQLYRYQDSQDIAFDDESNPWILMSDDLAELINTKIYLVDTFDEIERYNGYLDGIERMLD   160
consensus                                         !!!*!!!!*!**!!!!!**!!*!!!!!!!!*!**!!!!!!!!!!!!!!!**!!*!*!!!!*!!!!!!!!*!!!!!!!!!!*

logo
                                                  ISEKRMVA

AT10019 WP 000579608.1 NC 003028:988052-988528    ISEKRMVA   158
AT6080 WP 000579612.1 NC 018630:c1050346-1049870  ISEKRMVA   158
AT6282 WP 000579612.1 NC 003098:934883-935359     ISEKRMVA   158
AT6037 CCJ27799.1 HE963029:78500-79006            MVHHRVVA   168
AT6280 YP 001198303.1 NC 009442:c911873-911367    MVHHRVVA   168
consensus                                         ****!*!!
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X non conserved

X similar

X $\geq$ 50% conserved