```
logo
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```
NTDB id 222855 A6J31 RS01160 WP 049545664.1  MFKIFKRLTTKELIMIVFAVIFVCLNVYLNLKIPDYMSDITTLLSTKGTKASDIFAWNTDAPGMRMLLMSFAGFMASVVV  80
NTDB id 369 SMU RS04255 WP 002263293.1       MFKIFKRLNAKEWGMVLLSTAFICLAVWMDLKTPEYMSNITTLLQTKGTTASDIM.....DPGSKMLMFSFGSFFMAVLV  75
consensus                                    !!!!!!!!  !!  !**    !*!! !** !! !*!!! !!!!! !!!! !!!! ***** !! *!!* !!* !   !*!
```

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logo
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```
NTDB id 222855 A6J31 RS01160 WP 049545664.1  GFLAARTAASFTTRLRDDIFHQVLDFSDAEIKKFSIPSLLTRTTNDITQLQMVLTMGLQVITQGPIMAIWAITKIADKNG  160
NTDB id 369 SMU RS04255 WP 002263293.1       GFLASRTAASFTTRLRSDIFNRVMDYSEAEIKKFSIPSLLTRTTNDLTQLQIMIVMGMQVVTRGPIMAVWALTKIWGKSD  155
consensus                                    !!!! !!!!!!!!!!! !!!* !*!*!*!!!!!!!!!!!!!!!!!!*!!!!*** !!*!!*! !!!!!*!!*!!!  !
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logo
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```
NTDB id 222855 A6J31 RS01160 WP 049545664.1  NWLLALLVAVAVIAILMLFLLIMVMPKQRLIQTLTDKLNSVTRESLTGIRVVRAYNAESYQEDKFEKANTDLTQNNLFIG  240
NTDB id 369 SMU RS04255 WP 002263293.1       EWTGAVGVAVLIVFIMLSVLMFVAFPRQRQVQSLTDALNSTTRESLTGVRVVRAYNAEDYQDTKFKRENKNLTKLNLLVY  235
consensus                                     !  !* !!! ** !**  !* *  !*!! *!*!!! !!! !!!!!!!*!!!!!!!!! !!* !! * !  !!  !! *
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logo
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```
NTDB id 222855 A6J31 RS01160 WP 049545664.1  RSFALLTPVMTAVSSGLTLAIYWIGAHLIEDVKIPTDPT.KIAGAMENKVHLFSDMVVYSSYAMQVVMGFMMMIVVFFLL  319
NTDB id 369 SMU RS04255 WP 002263293.1       RLMSLMNPVMTVVSSGLTLAIYWIGAYLLNDIKIPMTSVTAAKGAIADRISVFSDMVVFSSYAMQVVVGFMMMVAIFIIL  315
consensus                                    !   !* !!!! !!!!!!!!!!!!!!*!* !*!!!  * *   !!*  ****!!!!!!*!!!!!!!!*!!!!!* *! *!
```

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logo
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```
NTDB id 222855 A6J31 RS01160 WP 049545664.1  PRAVVAAGRINEVLDTQSSVSYPENSSKKPKEVGTVEFDDVSFRYSETSEPVLEHVSFKAKKGDTVAFIGSTGSGKSTLV  399
NTDB id 369 SMU RS04255 WP 002263293.1       PRALVSAKRINEVLALNSSVHFKEYSKADNARKGEVEFHDVSFRYSKNSRAVIEHVSFSAKAGETVAFIGSTGSGKSTLV  395
consensus                                    !!!*! ! !!!!!!  *!!!***! !   *   ! !!!*!!!!!!!  ! *!*!!!!! !! !*!!!!!!!!!!!!!!!!
```

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logo
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```
NTDB id 222855 A6J31 RS01160 WP 049545664.1  NLIPRFYDATQGTIKVDGVDVRHYDHETLHNIVGYIPQKAVLFSGDITSNMTMGTSNNSPLDDAKIWEALELAQGKDFVE  479
NTDB id 369 SMU RS04255 WP 002263293.1       NLIPRFYDATEGWIKIDGIKVQDYSHDDLNNKVGYIPQRAVLFSGTIRSNIAFGQSDQAPLDDAKIWEALELAQAKNFVE  475
consensus                                    !!!!!!!!!! ! !!*!!* ! *! !* !*! !!!!!!*!!!!!! ! !!*  ! ! * !!!!!!!!!!!!!!!*! !!!
```

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logo
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```
NTDB id 222855 A6J31 RS01160 WP 049545664.1  NKEGQLKAEVAQAGSNFSGGQKQRLAIARALARKPEILIFDDSFSALDYKTDRKLRQELAEKTQDMTKLIVAQRISTIID  559
NTDB id 369 SMU RS04255 WP 002263293.1       EKEKGLDTEVAQGGTNFSGGQKQRLAIARALARKPEILIFDDSFSALDYKTDRILRNDLAKKTKEMTKLIVAQRISTIMD  555
consensus                                     !!  !  !!!!*!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!**!! !! *!!!!!!!!!!!!!*!
```

```
logo                                          ADQILVLDQGKVVGQGTHKELLANNEVYQEIAYSQLSKEELENGK
NTDB id 222855 A6J31 RS01160 WP 049545664.1   ADQILVLDQGKVVGQGTHKELLANNEVYQEIAYSQLSKEELENGK   604
NTDB id 369 SMU RS04255 WP 002263293.1        ADHILVLDQGKVVGQGTHKELLANNDIYQEIAYSQLSKEELENGK   600
consensus                                     !!*!!!!!!!!!!!!!!!!!!!!!!**!!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved