```
logo
NTDB id 1426 RS RS05575 WP 011001070.1
NTDB id 1138999 DQ001 RS18345 WP 081006383.1
NTDB id 1199 PSJM300 12650 AFN78592.1
consensus
```

```
MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
MRTGMFALGLGLLTLRFLPALPPT........AWLLAMFVLALMLLPFR....TYPLAFFLLGLGWACISAQWALNDRLQ   68
MRAGMLALAAGLLLLRFLPQLPSF........GWLLALAPVGLLLLPFR....WRPLAFFLFGLVWACLNAQWALDDRLP   68
!!*********!** !***!*!**        **!!!*********!      *!!*** !**!*** !!**! **!
```

```
logo
NTDB id 1426 RS RS05575 WP 011001070.1
NTDB id 1138999 DQ001 RS18345 WP 081006383.1
NTDB id 1199 PSJM300 12650 AFN78592.1
consensus
```

```
PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
PALDGQTRWVEGRVVGLPQQTSTGVRFELADGRS.RTARLPQRIRVSWQG.....................GPPVNSGERW  127
VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYG.....................GPEIRSGERW  127
****!** ***! ! *!!* * ***!!** *  ! * ***! !*!**!*!                     *!****!*!!
```

```
logo
NTDB id 1426 RS RS05575 WP 011001070.1
NTDB id 1138999 DQ001 RS18345 WP 081006383.1
NTDB id 1199 PSJM300 12650 AFN78592.1
consensus
```

```
QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
RLAITLKRPAGLLNFHGFDYEAWLLAQRMGATGSVKDGQRLAPA..............RNAWRDSVRQRLKAVDAQG.RE  192
RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHG.RA  194
*!***!!!! ***!* *!!*!***!! ***!*!*** ! !** !                *!!* *!**!******* * **
```

```
logo
NTDB id 1426 RS RS05575 WP 011001070.1
NTDB id 1138999 DQ001 RS18345 WP 081006383.1
NTDB id 1199 PSJM300 12650 AFN78592.1
consensus
```

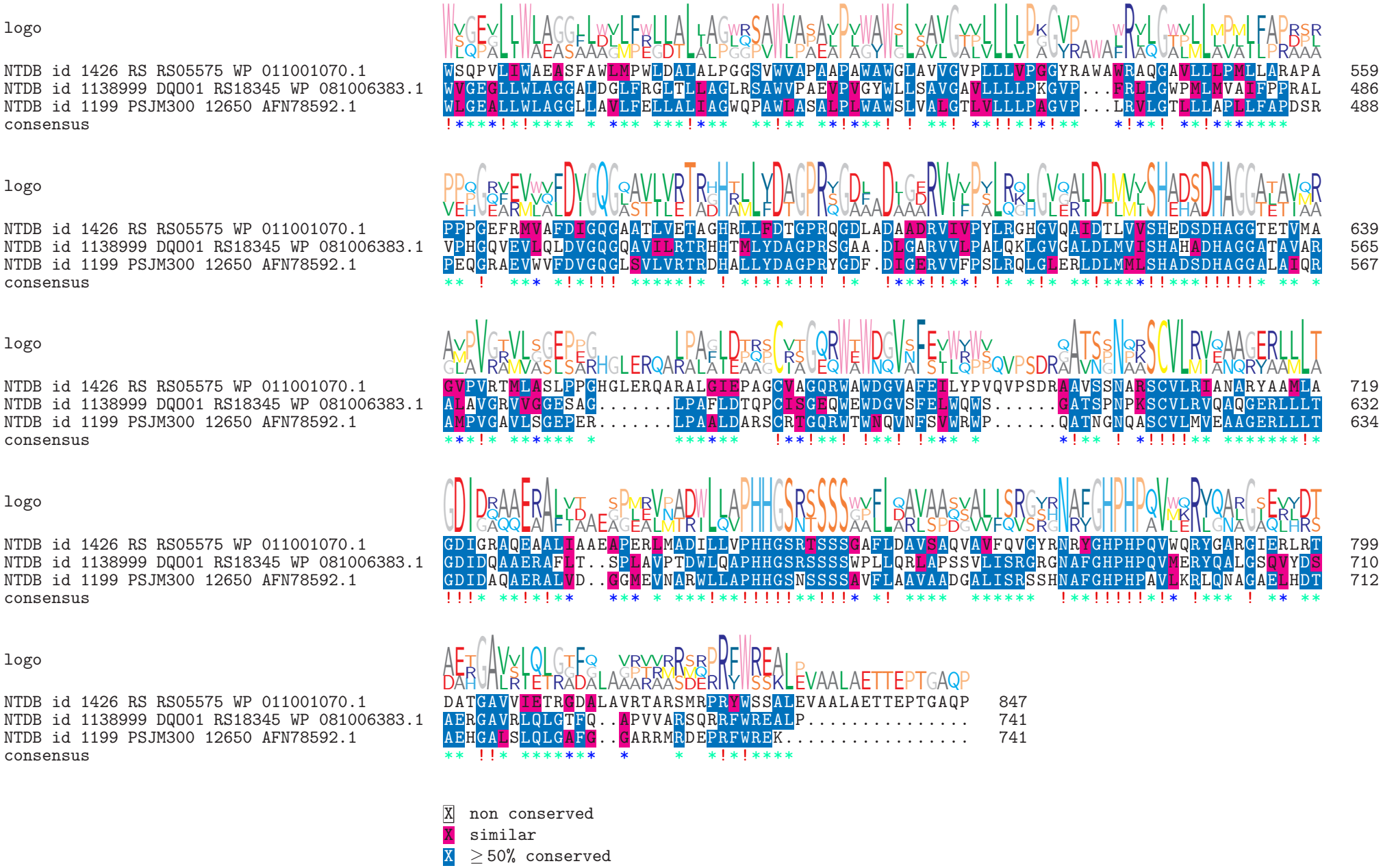
```
PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
AGLAALVLGDGSGLATADWQVLQDTGTVHLLVISGQHIGLLAGLIYGLVA.......GLARYGCWPR..ALPWLPWACGL  263
GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVL.......LLARWGIWPQ..RLPWLPWACGL  265
****!!!*!!*!!***!!! ****!!**!!**!!!*!****!!!******       *!!!** *!   **!********
```

```
logo
NTDB id 1426 RS RS05575 WP 011001070.1
NTDB id 1138999 DQ001 RS18345 WP 081006383.1
NTDB id 1199 PSJM300 12650 AFN78592.1
consensus
```

```
AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
AFTAALGYGLLAGFGVPVQRACVMVGLVLLWRLRFRHLGVWWPLLLALDGVLVLEPLASLQPGFWLSFAAVAVLVLAFSG  343
AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
!***!**!**!!!**!!**!***!***!***!!**!***!***!**!* *!****!*!****!*!!!!*!!!*********
```

```
logo
NTDB id 1426 RS RS05575 WP 011001070.1
NTDB id 1138999 DQ001 RS18345 WP 081006383.1
NTDB id 1199 PSJM300 12650 AFN78592.1
consensus
```

```
VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTAL.PEP  479
R...............LGPWRIWQAWTRPQGLIAIGLFPVLLVQGLPISLSAPVANLFAVPWISLVVLPLALLGTLLMAVP  409
R...............LGVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
*              ** ** ***  * ! ****!!*!**!******!*****!!**!*!**!****!!!!*!* !* *!
```


logo
NTDB id 1426 RS RS05575 WP 011001070.1 559
NTDB id 1138999 DQ001 RS18345 WP 081006383.1 486
NTDB id 1199 PSJM300 12650 AFN78592.1 488
consensus
logo
NTDB id 1426 RS RS05575 WP 011001070.1 639
NTDB id 1138999 DQ001 RS18345 WP 081006383.1 565
NTDB id 1199 PSJM300 12650 AFN78592.1 567
consensus
logo
NTDB id 1426 RS RS05575 WP 011001070.1 719
NTDB id 1138999 DQ001 RS18345 WP 081006383.1 632
NTDB id 1199 PSJM300 12650 AFN78592.1 634
consensus
logo
NTDB id 1426 RS RS05575 WP 011001070.1 799
NTDB id 1138999 DQ001 RS18345 WP 081006383.1 710
NTDB id 1199 PSJM300 12650 AFN78592.1 712
consensus
logo
NTDB id 1426 RS RS05575 WP 011001070.1 847
NTDB id 1138999 DQ001 RS18345 WP 081006383.1 741
NTDB id 1199 PSJM300 12650 AFN78592.1 741
consensus
X non conserved
X similar
X ≥ 50% conserved