```
logo

NTDB id 30387 O3Y RS03965 WP 000475486.1   MFKLKHTAWWVAMACALPAQAAMNIQPDPQNPGGYLVAKADIAAAEQAKTANPMYAIWSNALATRANAIVDAIEPGLATNPDNVK   85
NTDB id 1299 VP RS02975 WP 005483021.1     MFALKHLPIALSCVLAAQANASMNIQPDPQNPNGYVIARGDVQAMEQSKTSDPMYAIWSQALETRPNSVVEAIVPGAATNPENVK   85
consensus                                  !! !!! *  * * *! *!*! !!!!!!!!!! !!**!**!* ! !! !!  !!!!!!!*!! !!*! *!*!! !! !!!!*!!!

logo

NTDB id 30387 O3Y RS03965 WP 000475486.1   RVERVFPESEWNFLTHMAAPEYTYTRFLRAIGKFPAFCAEYTDGRNSDAICKKSIVTAFAHFAQETGGHIAKDNISDNPLALEEW   170
NTDB id 1299 VP RS02975 WP 005483021.1     RVERVFPESEWDFLTQMAAPEYTYTRFLRAIGKFPAFCGEYTDGRDSDAICKKSIVTAFAHFAQETGGHISIDNVSDNPLGLEEW   170
consensus                                  !!!!!!!!!!! !!!*!!!!!!!!!!!!!!!!!!!!!!*!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!   !!*!!!!!*!!!!

logo

NTDB id 30387 O3Y RS03965 WP 000475486.1   QQALVHVREMGWSEGQEGYTTGCGQNDWQNKKWPCATGQGYFGRGAKQLSYHFNYGAFSEAMFDGDATVLLNNPGLVADSWLNLA   255
NTDB id 1299 VP RS02975 WP 005483021.1     QQALVHVREMGWSEGQEGYTTGCGQNDWQNKRWPCEPGQGYFGRGAKQLSYHFNYGAFSEVMFDGDASVLLKNPGLVADSWLNLA   255
consensus                                  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!! *!!!!!!!!!!!!!!!!!!!!!!!!  !!!!!!*!!! !!!!!!!!!!!!!

logo

NTDB id 30387 O3Y RS03965 WP 000475486.1   SAIWFFLTPQAPKPAMLHVIDRTWVPSQREIDAGIGYGFGTTINIINGGIECGEQNKDKGQPVNRIRYWEGLAAHYQIPIEADEK   340
NTDB id 1299 VP RS02975 WP 005483021.1     SAIWFFLTPQAPKPAMLHVIDRTWVPSQRELDAGIGYGFGTTINVINGGIECGEQNKDKGQPVNRIRYWEGLAAHYQIPIEADEK   340
consensus                                  !!!!!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved