```
logo
NTDB id 136198 RO07 RS02640 WP 039407829.1  MFSFFKRFKSGGNKAAETSPASPESVESTDSAQPAQATEPTAPAATAGDAKANVASPASHQSTAPTAPATPATPTVSEPVQSAAE   85
NTDB id 1118 NGFG RS11455 WP 003696286.1    MFSFFRRKKKQETPALEEAQVQETAA...........KVESEVAQIVGNIKEDVESLAESVK....GRAESAVETVSGAVEQV..   68
consensus                                   !!!!!*! !    *! !  *  *   ***********  ** *!   !  !  ! !*! *  ******! *! *!!! *!    **

logo
NTDB id 136198 RO07 RS02640 WP 039407829.1  NTEASDSISAQIPTPDASTTSEPVDVAPPPAPVVVKDAQGETIGEIVAAPAPAPAAKRSWLTRLKTGLSKTS....AGLTGIFVG   166
NTDB id 1118 NGFG RS11455 WP 003696286.1    .....KETVAEMPSEA.GEAAERV....ESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGG   143
consensus                                   *****    ! *!** *    !*!******!*  ! *  !! *! *  !*!* * *!  !  !!! !! !* ****  ! !*! !

logo
NTDB id 136198 RO07 RS02640 WP 039407829.1  VKVDENLFEELEGALLMSDAGVEATTFLLDALRKKVKAERLTEGEQVKRALHDLLVELLQPLEQSLVLG.REAPLVVMIAGVNGA   250
NTDB id 1118 NGFG RS11455 WP 003696286.1    GQIGEDLYEELETVLITGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGA   228
consensus                                     * ! !*!!!!  !*  ! !*!!! *!*  *! *!    ! *!  ** !!** ! *!* !!! *!!!**   ! !*!*!!*!!!

logo
NTDB id 136198 RO07 RS02640 WP 039407829.1  GKTTSIGKLAKHFQHYGQSVLLAAGDTFRAAAREQLTIWGERNNVAVVSQESGDPAAVVFDAVNAARARRIDIVMADTAGRLPTQ   335
NTDB id 1118 NGFG RS11455 WP 003696286.1    GKTTSIGKLAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQ   313
consensus                                   !!!!!!!!!!!*!!* ! !!!!!!!!!!!!!!!!!!  !! !!!! !*!! *!!*!!!*!!!!*!!*!! !!!!*!!!!!!!!!!

logo
NTDB id 136198 RO07 RS02640 WP 039407829.1  LHLMEELKKIRRVLGKAAEGAPHEVLLVIDANTGQNALAQVKAFDDALQLTGLIVTKLDGTAKGGILAAIARQRPVPVYFIGVGE   420
NTDB id 1118 NGFG RS11455 WP 003696286.1    LHLMEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVGE   398
consensus                                   !!!!!!*!!**!!! !! *!!!!!***!*!!! !!!!* !!!!!!!!! !!!!!!!!!!!!!!!!!!!!*!  !!!!! *!!!!!

logo
NTDB id 136198 RO07 RS02640 WP 039407829.1  KVEDLQPFSAREFADALLG   439
NTDB id 1118 NGFG RS11455 WP 003696286.1    GIDDLRPFDARAFVDALLD   417
consensus                                    **!! !! !! ! !!!!
```

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