```
logo
NTDB id 246960 CNX70 RS03680 WP 096233527.1  MKQSLQLRTSQHLALTPQLQQSIRLLQLSTLELHQELEQLLTDNPLLERLDDPLDHSLRLLSDGALSSTAA......PAE   74
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE   80
consensus                                    !!!!!!!! !!!!!!!!!!!!!!!!!!!!!*!!*!!*!! !!*!!!!!!  **!!*! !*  !! *     ******! !

logo
NTDB id 246960 CNX70 RS03680 WP 096233527.1  APPQPPGQDAPAAPAEAETFDGEAGDSPAAADGGDSDWSEASRGKAPDD...EDSRPQLEAHHCTLREHLMEQMRVTVLE  151
NTDB id 1425 RS RS02020 WP 011000369.1       SPPPAANGADHADTAEASYENG..SDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLS  158
consensus                                     !!***     ! *!!!    !** ! *       !!!!    ** !  ****  **!!  ** ! !!*!!!!* *  !

logo
NTDB id 246960 CNX70 RS03680 WP 096233527.1  LRDRALVELIIDALDDNGYLEESLDDILARLPEELEIDADEMRTALSLLQSFDPPGVGARNASECLALQIKRLPHVAMVT  231
NTDB id 1425 RS RS02020 WP 011000369.1       PRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSP...A  235
consensus                                    *!!**!!  *!* !!! !!!  !!!*!!! !! !!!** !!*  !! *!!!!!!*!*!!! ! !!! !!* !!******

logo
NTDB id 246960 CNX70 RS03680 WP 096233527.1  RRMALVIVEKHLAWFAQRDFNKLKKALDCDEEDLREAQTVIRQCNPHPGAVFASDVSDYVVPDVVVKRARNGWQVTLNND  311
NTDB id 1425 RS RS02020 WP 011000369.1       KPLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPD  315
consensus                                    ***!! !!  !!   ! !!* *!!!!! *!* *!* !* *!! * !*!!* !*    !*!!!!!!!**   !!   !!*!
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logo
NTDB id 246960 CNX70 RS03680 WP 096233527.1  VMPRLRVNAMYANLLKQGKGEG...AMGAQLQEAKWLIKNMRQRFDTILRVAQAIVERQKNFFSHGAVAMRPLVLREIAD  388
NTDB id 1425 RS RS02020 WP 011000369.1       VMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIAD  395
consensus                                    !!!!!!*! !!!**!*  *!! *** *   !!!!*!!!!!* !!!!!!!!! !!!!!!!! !!*!! *!!!!!!!!!!!!
```

```
logo
NTDB id 246960 CNX70 RS03680 WP 096233527.1  TLGLHESTISRVTTQKYMLTPHGMFELKYFFGSHVATEAGGEASSTAIRALIVQLTGAEDPKNPLSDSKIADMLGEQGMV  468
NTDB id 1425 RS RS02020 WP 011000369.1       TLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFV  475
consensus                                    !!!!!!!!!!!!!!!*!!! !!*! !!!!!!!!!!! !! !! !!!!!!!!!! !! !!!!!!!!!!!!*!!**!!!!! !
```

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logo
NTDB id 246960 CNX70 RS03680 WP 096233527.1  IARRTVAKYREALKIPPVSLRKCL  492
NTDB id 1425 RS RS02020 WP 011000369.1       VARRTVAKYREALKIPAVNLRKSL  499
consensus                                    *!!!!!!!!!!!!!!!!*! !!!*!
```

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