logo

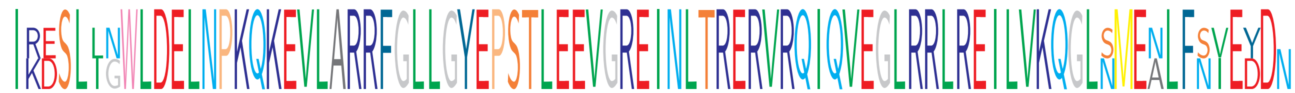
```
NTDB id 45269 GZI12 RS01965 WP 162045539.1   MSISNTAAKVEEFDIENMEG........FDVEEQLSEKSSSTETVKEEFEVSTKNLDATQLYLGEIGFSPLLTAEEEVLYARRAL   77
NTDB id 1183 GTF74 RS11590 WP 000116737.1    MSVSNTVTKVEEFDFEDEALEVLETDAELTSDEELVAVEGASEDVREEFDASAKSLDATQMYLSEIGFSPLLTAEEEVLYARRAL   85
consensus                                    !!*!!!  !!!!!! !  ********  *! !      *! !*!!!* ! ! !!!!!*!! !!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 45269 GZI12 RS01965 WP 162045539.1   RGDEAARKRMIESNLRLVVKISRRYSNRGLALLDLIEEGNLGLIRAVEKFDPERGFRFSTYATWWIRQTIERALMNQTRTIRLPI   162
NTDB id 1183 GTF74 RS11590 WP 000116737.1    RGDEAARKRMIESNLRLVVKISRRYSNRGLALLDLIEEGNLGLIRAVEKFDPERGFRFSTYATWWIRQTIERALMNQTRTIRLPI   170
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 45269 GZI12 RS01965 WP 162045539.1   HVVKELNIYLRTARELSQKLDHEPTAEEIATQLDKPVEDVSKMLRLNERISSVDTPIGGDGEKALLDIIPDVNHSDPEVSTQDDD   247
NTDB id 1183 GTF74 RS11590 WP 000116737.1    HVVKELNIYLRTARELSQRLDHEPTPEEIALELDRPVDDVTKMLRLNERISSVDTPIGGDGDKALLDILPDSHNADPEFSTQDDD   255
consensus                                    !!!!!!!!!!!!!!!!!!*!!!!!!*!!!!  !!*!!*!!*!!!!!!!!!!!!!!!!!!!!!*!!!!!!*!!  ** !!! !!!!!!
```

logo 

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NTDB id 45269 GZI12 RS01965 WP 162045539.1   IKDSLIGWLDELNPKQKEVLARRFGLLGYEPSTLEEVGREINLTRERVRQIQVEGLRRLREILVKQGLSMENLFSIEDD.   326
NTDB id 1183 GTF74 RS11590 WP 000116737.1    IRESLLNWLDELNPKQKEVLARRFGLLGYEPSTLEEVGREINLTRERVRQIQVEGLRRLREILVKQGLNMEALFNVEYDN   335
consensus                                    !**!!* !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !! !! *! !*
```

X non conserved
X similar
X ≥ 50% conserved