```
logo

NTDB id 201031 KAB04 RS01455 WP 000201227.1  MATINLLPWREELREQRKKQFITLCFGVVVLGITTVFGGWFYFDHKLDDQEQANQLIMSTNQNLDQQLKTLNGLQEQRDA  80
NTDB id 1055 ABD1 RS15865 WP 000201227.1     MATINLLPWREELREQRKKQFITLCFGVVVLGITTVFGGWFYFDHKLDDQEQANQLIMSTNQNLDQQLKTLNGLQEQRDA  80
NTDB id 1011 ACIAD RS15190 WP 004923716.1    MTKINLLPWRDKLREKRKKEFLVFSILVGLLGCAAVLMGWFYFGHKLNDQEQANQLILTTNQGLDQQLKSLDGLQQQRNA  80
consensus                                    !**!!!!!!!**!!!*!!!*!******!**!!***!**!!!!!*!!!*!!!!!!!!!**!!!*!!!!!!*!*!!!*!!*!
```

```
logo

NTDB id 201031 KAB04 RS01455 WP 000201227.1  IIERMKLIQGLQSQRPVVVRLVDELVRVTPSAMYLTKFSRTGDKFTIEGKAESPNTVAELLRNLEASPWYRNAFMNSFLA  160
NTDB id 1055 ABD1 RS15865 WP 000201227.1     IIERMKLIQGLQSQRPVVVRLVDELVRVTPSAMYLTKFSRTGDKFTIEGKAESPNTVAELLRNLEASPWYRNAFMNSFLA  160
NTDB id 1011 ACIAD RS15190 WP 004923716.1    IVERMKLIQGLQAQRPVTVRLIDELVRVTPSNMYLTKFTRTGDKFTIEGKAESPNTVAELLRNLEASAWYRNAFMNSFLA  160
consensus                                    !*!!!!!!!!!!*!!!!*!!!*!!!!!!!!!*!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!
```

```
logo

NTDB id 201031 KAB04 RS01455 WP 000201227.1  NEEKKDKAASSLLPRVEDHYGSFVVTVDLGEMGVTTTDDSAKPSTGESVGAAK  213
NTDB id 1055 ABD1 RS15865 WP 000201227.1     NEEKKDKAASSLLPRVEDHYGSFVVTVDLGEMGVTTTDDSAKPSTGESVGAAK  213
NTDB id 1011 ACIAD RS15190 WP 004923716.1    AEDNKDKTPSSVVPRVEAGYGSFLVSVDLGELGTSLATSD.QPQTPPTAGVKP  212
consensus                                    *!**!!!**!!**!!!!**!!!!*!*!!!!!*!**********!*!****!***
```

X non conserved
X similar
X ≥ 50% conserved