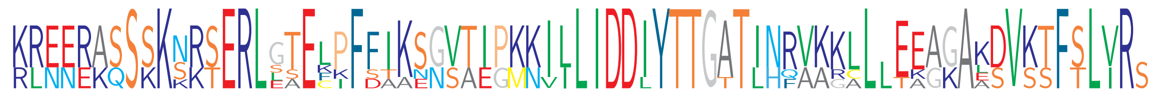
logo

```
NTDB id 508 SM12261 RS09235 WP 000649953.1  ...........MKCLLCGQTMKAVLTFSSLLLLKNDASCLCLDCDSTFERIGEENCPNCMKTD.LSMKCQDCQLWCKEGV....E   69
NTDB id 278 KZH43 RS10085 WP 000649974.1    ...........MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTE.LSTKCQDCQLWCKEGV....G   69
NTDB id 237 SPD RS10760 WP 000649974.1      ...........MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTE.LSTKCQDCQLWCKEGV....G   69
NTDB id 203 SPR RS10245 WP 000649974.1      ...........MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTE.LSTKCQDCQLWCKEGV....G   69
NTDB id 38510 BAMF RS37760 WP 198315882.1  ...........MNCLLCDSPISRSLTWSSLFSLAPEQ.EVCSACSNQFEKIEGPVCSLCGRPQQSNKKCADCMARESKTEQRFLL   73
NTDB id 109 BSU 35450 NP 391425.2          MSNEAGGGIHKLICLLCDSQFSQDVTWRALFLLKPDE.KVCYSCRSKLKKITGHICPLCGRPQSVHAVCRDCEVWRTRIRDSLLL   84
consensus                                              **!!!!***** **!***!**!*******!**!******!****!**!**** ** *!*!!********
```

logo

```
NTDB id 508 SM12261 RS09235 WP 000649953.1  VSHRAIFIYNQAMKDFFSRYKFDGDFLLRKVFASVLSEELKK...YKEYQFVVIPLSPERLLERGFNQVEGLVEAAGFAYLDLLE  151
NTDB id 278 KZH43 RS10085 WP 000649974.1    VSHRAIFTYNQAMKDFFSRYKFDGDFLLRKVFASFLSEELKK...YKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLE  151
NTDB id 237 SPD RS10760 WP 000649974.1      VSHRAIFTYNQAMKDFFSRYKFDGDFLLRKVFASFLSEELKK...YKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLE  151
NTDB id 203 SPR RS10245 WP 000649974.1      VSHRAIFTYNQAMKDFFSRYKFDGDFLLRKVFASFLSEELKK...YKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLE  151
NTDB id 38510 BAMF RS37760 WP 198315882.1  RQNRSVFLYNDAMKDSLARFKFRGDTKIIQTFERDFTAGFKAAYPANTHILVPIPLSPERLAERGFNQSELLASLLGMPVISPLI  158
NTDB id 109 BSU 35450 NP 391425.2          RQNRSVYTYNDMMKETLSRFKFRGDAEIINAFKSDFSSTFSKVYPDKHFVLVPIPLSKEREEERGFNQAHLLAECLDRPSHHPLI  169
consensus                                   ***!****!!**!!****!*!!*!!******!** *******   ******!*!!!!**! * !!!!!***!****** ****!*
```

logo 

```
NTDB id 508 SM12261 RS09235 WP 000649953.1  KREERASSSKSRSERLETEFPFFIKSGVTIPKKILLIDDIYTTGTTINRVKKLL.EEAGAEDVKTFSLVR.   220
NTDB id 278 KZH43 RS10085 WP 000649974.1    KREERASSSKNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLL.EEAGAKDVKTFSLVR.   220
NTDB id 237 SPD RS10760 WP 000649974.1      KREERASSSKNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLL.EEAGAKDVKTFSLVR.   220
NTDB id 203 SPR RS10245 WP 000649974.1      KREERASSSKNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLL.EEAGAKDVKTFSLVR.   220
NTDB id 38510 BAMF RS37760 WP 198315882.1  RLNNEKQSKKSKTERLSAEKKFSAAENSAEGMNVILIDDIYTTGATLHQAAGALLTAGKALSVSSFTLIRS   229
NTDB id 109 BSU 35450 NP 391425.2          RLNNEKQSKKKKTERLLSECIFDTKNNSAEGMNIILIDDLYTTGATLHFAARCLLEKGKAASVSSFTLIRS   240
consensus                                   *******!*! **!!! *! *!*************!!!!*!!!!*!*******! ****! *!**!*!*!
```

X non conserved

X similar

X $\geq$50% conserved