```
logo

NTDB id 536 SMSK321 RS0102865 WP 000649958.1   ...........MKCLLCGQTMKAVLTFSSLLLLRNDVSCLCLDCDSTFERIGEENCPNCMKT.ALSTQCQDCQFWCKE..   66
NTDB id 508 SM12261 RS09235 WP 000649953.1     ...........MKCLLCGQTMKAVLTFSSLLLLKNDASCLCLDCDSTFERIGEENCPNCMKT.DLSMKCQDCQLWCKE..   66
NTDB id 191982 ABE41 RS16960 WP 156774302.1   ..............................................................................   0
NTDB id 109 BSU 35450 NP 391425.2             MSNEAGGGIHKLICLLCDSQFSQDVTWRALFLLKPD.EKVCYSCRSKLKKITGHICPLCGRPQSVHAVCRDCEVWRTRIR   79
consensus                                                 ************************ ************************  **  **********

logo

NTDB id 536 SMSK321 RS0102865 WP 000649958.1   ..GVEVSHRAIFIYNQAMKDFFSRYKFDGDFLLRKVFASVLSEELKKY...KEYQFVVIPLSPERLLERGFNQVEGLVEA   141
NTDB id 508 SM12261 RS09235 WP 000649953.1     ..GVEVSHRAIFIYNQAMKDFFSRYKFDGDFLLRKVFASVLSEELKKY...KEYQFVVIPLSPERLLERGFNQVEGLVEA   141
NTDB id 191982 ABE41 RS16960 WP 156774302.1   MAGVLQQNRSLYVYNDFLKEVISKIKYRGDAELVKGFYPVMRSKLKGISG..DTILVPIPLSNERHYERRFNQADIIARG   78
NTDB id 109 BSU 35450 NP 391425.2             DSLLLRQNRSVYTYNDMMKETLSRFKFRGDAEIINAFKSDFSSTFSKVYPDKHFVLVPIPLSKEREEERGFNQAHLLAEC   159
consensus                                       ** * *! ***!! **!***!**!* !!  ****!***** *****   **** !*!!!!*!!**!!*!!! *** **

logo

NTDB id 536 SMSK321 RS0102865 WP 000649958.1   AGFSFQELLEKRE.ERASSSKNRSERLGT.ELPF.FIKRGVTIPKKILLIDDIYTTGSTINRVKKLLEEAGAE.DVKTFS   217
NTDB id 508 SM12261 RS09235 WP 000649953.1     AGFAYLDLLEKRE.ERASSSKSRSERLET.EFPF.FIKSGVTIPKKILLIDDIYTTGTTINRVKKLLEEAGAE.DVKTFS   217
NTDB id 191982 ABE41 RS16960 WP 156774302.1   FNRDVHNLLERNAHEEKQSKKNRLERMKKKDNPFIVIDNNSIRGHSVLLIDDVYTTGSTLRYAAKVLIEAGAI.SVSSIT   157
NTDB id 109 BSU 35450 NP 391425.2             LDRPSHHPLIRLNNE.KQSKKKKTERLL..SECIFDTKNNSAEGMNIILIDDLYTTGATLHFAARCLLEKGKAASVSSFT   236
consensus                                     **   ****!**** !*   ! !***!!* * * ** ****  *******!!!!*!!!!*!***  **!*!*!**   ! ***

logo

NTDB id 536 SMSK321 RS0102865 WP 000649958.1   LVR.   220
NTDB id 508 SM12261 RS09235 WP 000649953.1     LVR.   220
NTDB id 191982 ABE41 RS16960 WP 156774302.1   LGR.   160
NTDB id 109 BSU 35450 NP 391425.2             LIRS   240
consensus                                     !*!
```

X non conserved

X similar

X ≥ 50% conserved