```
logo
NTDB id 526 SMSK321 RS08825 WP 000282440.1     MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR   80
NTDB id 583 DLJ51 RS09560 WP 002962590.1       MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVVFWGKLAESLVSYAGKGSLVSLDGEIRTR   80
NTDB id 409 SMU RS08940 WP 002263454.1         MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVVLWGRLAETIASYGSKGSLISLDGELRTR   80
NTDB id 624 LCA RS00040 WP 011373726.1         MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2              MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 329018 SaO267 RS09860 WP 000934796.1   MLNRVVLVGRLTKDPELRSTPNGVNVGTFTLAVNRTFTNAQGEREADFINVVVFKKQAENVKNYLSKGSLAGVDGRLQTR   80
NTDB id 113 BSU 40900 NP 391970.1              MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                      !*!*!*!*!!!******* !* *  !*  **!!!! **** !***!!**!******* !!*** *  !!!!****!***!!
```

```
logo
NTDB id 526 SMSK321 RS08825 WP 000282440.1     RFEK.NGQMNYVAEVLVTGFQLLESRAQRAMRENNAGQ.............................D.........L   119
NTDB id 583 DLJ51 RS09560 WP 002962590.1       HYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNGAS.............................D.........L   119
NTDB id 409 SMU RS08940 WP 002263454.1         KYEK.DGVTHFVTEVLGHSFQLLESRAQRAMRENNSEN.............................D.........L   119
NTDB id 624 LCA RS00040 WP 011373726.1         NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQS..NGSQQSGFTSPQQTGNAPAANNTQADPFANNG   158
NTDB id 112 BSU 36310 NP 391512.2              SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD..................................................   113
NTDB id 329018 SaO267 RS09860 WP 000934796.1   SYDNKEGRRVFVTEVVADSVQFLEPKNNNKQNNQQHNGQTQTG.........NNPFD........NTEEDFSDLPF....   139
NTDB id 113 BSU 40900 NP 391970.1              NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDG   160
consensus                                       *** *!* **!*!************ * * ****                                  *
```

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logo
NTDB id 526 SMSK321 RS08825 WP 000282440.1     ADLVLEEEELPF   131
NTDB id 583 DLJ51 RS09560 WP 002962590.1       TDLVLEEEELPF   131
NTDB id 409 SMU RS08940 WP 002263454.1         ADLVLEEEELPF   131
NTDB id 624 LCA RS00040 WP 011373726.1         QAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2              ............   113
NTDB id 329018 SaO267 RS09860 WP 000934796.1   ............   139
NTDB id 113 BSU 40900 NP 391970.1              KPIDISDDDLPF   172
consensus                                        * * ******
```

X non conserved

X similar

X $\geq$ 50% conserved