```
logo
NTDB id 1131 NGFG RS05740 WP 003695064.1      MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRI   80
NTDB id 49464 SALIVA RS04515 WP 014634360.1  .MINSVCLVGRLTRDAELKYTGNNIAVATFSLAVNRNFKDANGERE..TDFINCVIWRQQAENLANWAKKGALIGITGRI   77
NTDB id 624 LCA RS00040 WP 011373726.1       .MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDRE..ADFINCVIWRKSAENFANFTKKGSLVGVDGRL   77
NTDB id 113 BSU 40900 NP 391970.1            .MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGERE..ADFINCVTWRRQAENVANFLKKGSLAGVDGRL   77
consensus                                     **!*!*!*!!!**!****!*****!!**!**!****** **!*!*    ***!****!**!!*****!!!*!****!!*

logo
NTDB id 1131 NGFG RS05740 WP 003695064.1      QSRKYQGKDGIERTAYDIVANEMKMLGGRNENSGGA................PYDEGYGQSQEAYQRPAQQSRQPAPDAP   144
NTDB id 49464 SALIVA RS04515 WP 014634360.1  QTRSYENQQGQRVYVTEVVAENFQMLESRAAREGSNAN...QG....NT.....S.GAFSNDNGYAGPYGQQ.APQQQGP   143
NTDB id 624 LCA RS00040 WP 011373726.1       QTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ........QSGFTSPQQTG.NA.PAAN   147
NTDB id 113 BSU 40900 NP 391970.1            QTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGS.....GGYNEGNSGGGQYF.GGGQNDNPFGGNQNNQ.RR.NQGN   149
consensus                                    !*!*!****!***************!***** *****    ****  ** * **  ***** ********** ** ****

logo
NTDB id 1131 NGFG RS05740 WP 003695064.1      SHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 49464 SALIVA RS04515 WP 014634360.1  NFARDSSSY......GNSSPMDIQDSDLPF   167
NTDB id 624 LCA RS00040 WP 011373726.1       N.TQADPFA......NNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            S.FNDDPFA......NDGKPIDISDDDLPF   172
consensus                                       ******       *** *****!*!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved