```
logo
NTDB id 406669 GJB62 RS08185 WP 114085264.1  MVQKFNRLFGKSNKGVGIELAPERVNVVQLRKQRQGLKLETFTSVAVPEGVVTDGQITDPAAMAQLIQQALAESKIKTTR   80
NTDB id 1411 SGL RS10685 WP 010872897.1      MFSRFTSLFGRKSSGVGLEITPERVNVAQLTSQGQSYKLRKFGHASIPEGIFEEGKIVDSPALAEIIQELLSENGINTKQ   80
consensus                                    !  *!  !!!*   !!!*!* !!!!!! !!  ! !  !!  ! *  *!!!*  *! ! !**!*! *!!  ! !  ! !

logo
NTDB id 406669 GJB62 RS08185 WP 114085264.1  VATGVPGRDSIVRIIPVPTELDDKELREMVLNHEAGLYLPYPREEADVDYQKLDYFVDEDGIEKVHVLLVATRKEITDTY  160
NTDB id 1411 SGL RS10685 WP 010872897.1      VATAVPMREAIIRMLPVPAELDENELRDMVLNHEAALYLPYPREEVDLDYQKLGLFEDEDGIEKVQVLLVATRREVTDSY  160
consensus                                    !!!*!! !* !*!**!!! !!!* !!!*!!!!!!!*!!!!!!!!! !*!!!!!  ! !!!!!!!!*!!!!!!!*!*!!*!

logo
NTDB id 406669 GJB62 RS08185 WP 114085264.1  ISTFEQAGLQIDVLEINSFALIRTIREQLRQFGPQEAAVLVDIEFDSTEIAIIVNGVPQFSRTVPIGTYQMQTALARAMS  240
NTDB id 1411 SGL RS10685 WP 010872897.1      LDTFQQAGLQVDVLEINSFALIRTIREQLRQFGSREAAVLVDIEFDSTEIAIIVDGVPQFSRTVPIGTYQMQNALSRAMN  240
consensus                                    * !! !!!!!*!!!!!!!!!!!!!!!!!!!!!!* !!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!! !! !!!

logo
NTDB id 406669 GJB62 RS08185 WP 114085264.1  LPTSRDMELLHGMIIPPTPLDGGKTGVTEIDPGMAAILRVLGELTDELRRSIDFYLNQSENLEVAQILLAGPGGGLQQLD  320
NTDB id 1411 SGL RS10685 WP 010872897.1      LPPSRNPEILQGMTIPVTQFDTMSTQGTAVNPGMNALMRVMGELTDELRRSINFYLNQSEELELVQLLLAGPGGGLIQLD  320
consensus                                    !!*!! *!*!*!! !!*!* !   !  ! * !!! !**!!*!!!!!!!!!!! !!!!!!! !!* !*!!!!!!!!!! !!!

logo
NTDB id 406669 GJB62 RS08185 WP 114085264.1  EFFTQRLSLPTTQIDPIGSLSLEVDTDKYPQVQRSGLAIVLGLGMREV   368
NTDB id 1411 SGL RS10685 WP 010872897.1      EYFTQRLSIPTVKIDPFEALAIDTDQ.NFSDIERPSLATVLGLGIREA   367
consensus                                    !*!!!!!!*!!  !!!   ! ** ! * ** * !* !! !!!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved