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logo

NTDB id 20120 SPG 0902 ACF55893.1          MVLQRNEINEKDTWDLSTIYPTDQAWEEALKDLTEQLETVVQYEGHLLDSADNLLEITEFSLEMERQMEKLYVYAHMKNDQDTRE    85
NTDB id 480 HSISS4 RS02090 WP 002890133.1  MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKNDQDTTV    85
consensus                                  !  *! ** !! !!!!*!!**!!  !!         !   ! !!!!!!! !!!  !!  * * ! *!!*!!!!*!!!!!!!

logo

NTDB id 20120 SPG 0902 ACF55893.1          AKYQEYYAKAMTLYSQLDQAFSFYEPEFMEISEKQYADFLEAQPKLQVYQHYFDKLLQGKDHVLSQREKELLAGAGEIFGSASET   170
NTDB id 480 HSISS4 RS02090 WP 002890133.1  GLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAAGDIFNGPTDT   170
consensus                                  * !!!! !!!  !!!!!  !! **!!!!! * *!  !*! !  ! ! *! !!!**!!  !!!!!!!   !!!!*!!*!!  ***!

logo

NTDB id 20120 SPG 0902 ACF55893.1          FAILDNADIVFPYVLDDDGKEVQLSHGTYTRLMESKKREVRRGAYQALYATYEQFQHTYAKTLQTNVKVQNYRAKVRNYKSARHA   255
NTDB id 480 HSISS4 RS02090 WP 002890133.1  FNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVHNYQAKVRHYNSARHA   255
consensus                                  ! *!!!!!!*!!*! !  !  ! !*!! *  !!!!! !**!*!!! !*!*!!!!!!!!!! !!!  !!!*!! !!!!*! !!!!!

logo

NTDB id 20120 SPG 0902 ACF55893.1          ALAANFVPESVYDNLVAAVRKHLPLLHRYLELRSKILGISDLKMYDVYTPLSSVEYSFTYQEALKKAEDALAVLGEDYLSRVKRA   340
NTDB id 480 HSISS4 RS02090 WP 002890133.1  ALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLKKAEEVLAIFGEEYSKGVHAA   340
consensus                                  !!!!!!*!!!!!! !*  ! !!!!!!!!!!*!! !*!!* *!!!!!!!!!!!  !   !! ! !!!!!* !!* !!*!   !* !

logo

NTDB id 20120 SPG 0902 ACF55893.1          FSERWIDVYENQGKRSGAYSGGSYDTNAFMLLNWQDNLDNLFTLVHETGHSMHSSYTRETQPYVYGDYSIFLAEIASTTNENILT   425
NTDB id 480 HSISS4 RS02090 WP 002890133.1  FTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQTQPYVYGDYPIFLAEIASTTNENILT   425
consensus                                  !*!!!!!**! !!!!!!!!!! !!!!!!!!!!!!! !!!!!!!!!!!!!!*!!**!! !!!!!!!!!*!!!!!!!!!!!!!!!!

logo

NTDB id 20120 SPG 0902 ACF55893.1          EKLLEEVEDDATRFAILNNFLDGFRGTVFRQTQFAEFEHAIHQADQNGEVLTSDFLNKLYADLNQEYYGLSKEDNPEIQYEWARI   510
NTDB id 480 HSISS4 RS02090 WP 002890133.1  ETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERI   510
consensus                                  ! !! !! !! !!!!!!!**!!!!!*!!!!!!!!!!!!!!!!! !!   ! *!! !!*!!!!!!!!  !! !  !!!*!!!*!! !!
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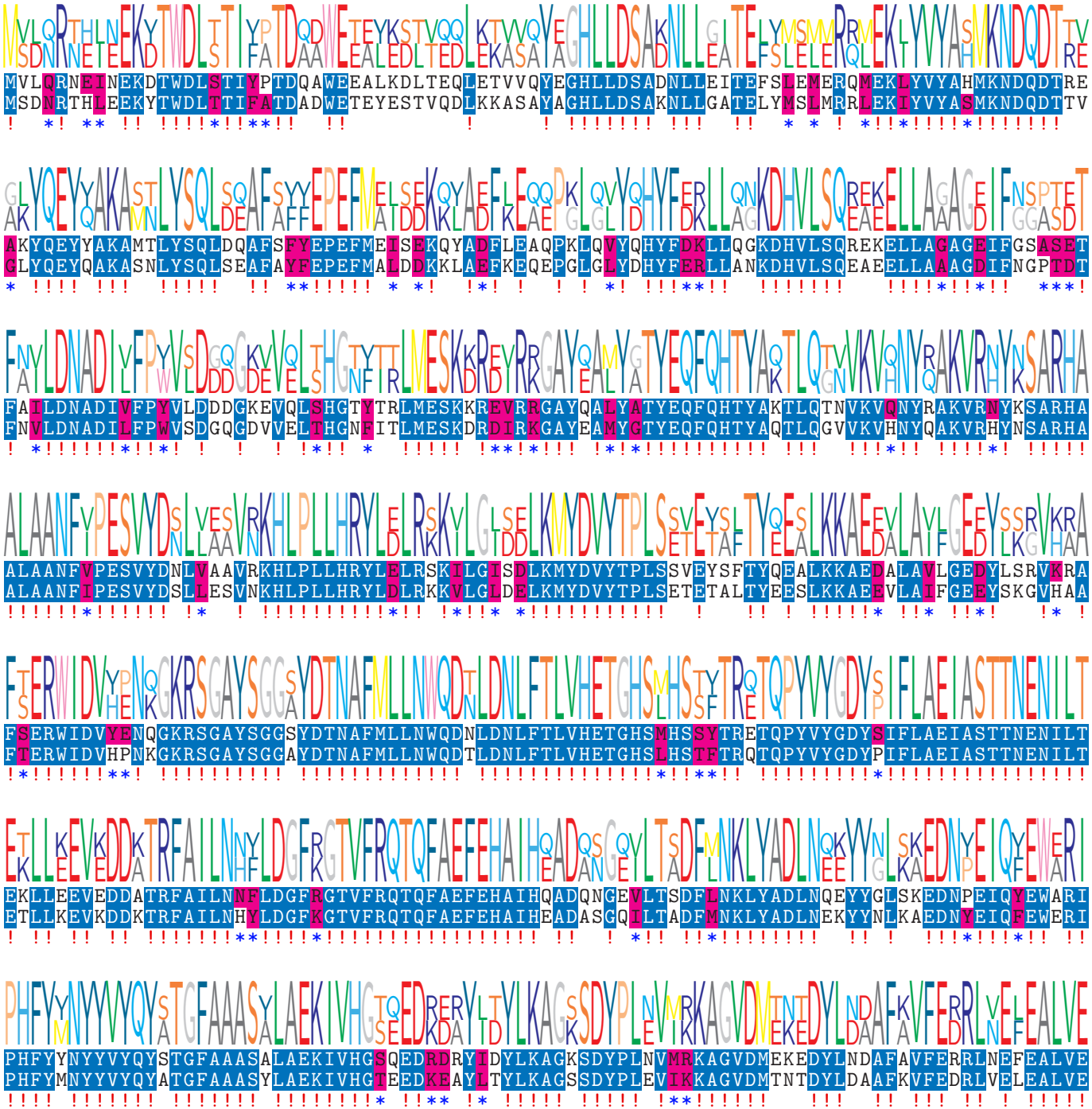

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logo                                          KLVLL
                                              KGGHAS

NTDB id 20120 SPG 0902 ACF55893.1             KLGLA.   600
NTDB id 480 HSISS4 RS02090 WP 002890133.1     KGVHLS   601
consensus                                     !  * *
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X non conserved

X similar

X $\geq$50% conserved