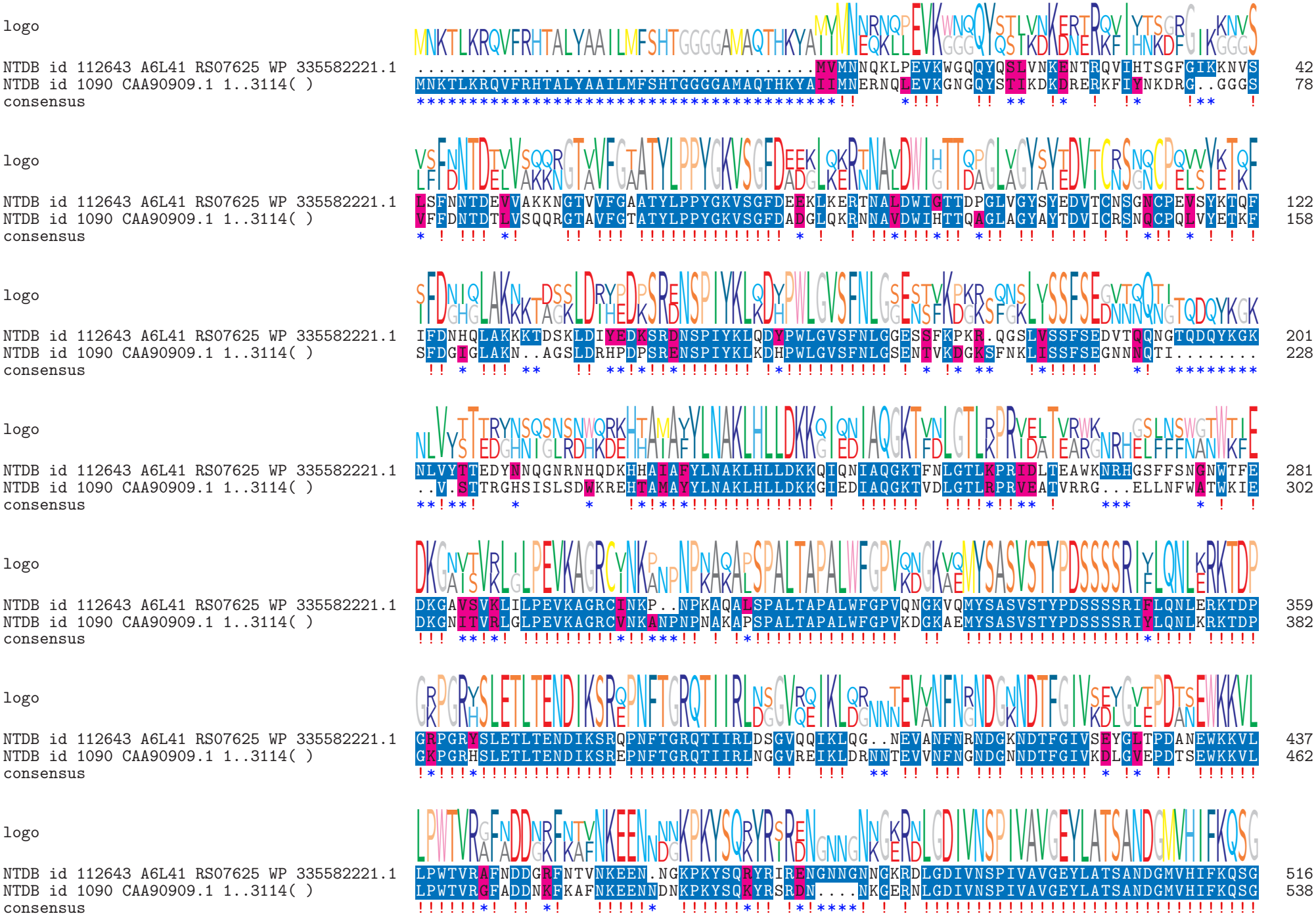

logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1 .....MVMNNQKLPEVKWGQQYQSLVNKENTRQVIHTSGFGIKKNVS 42
NTDB id 1090 CAA90909.1 1..3114( ) MNKTLKRQVFRHTALYAAILMFSHTGGGGAMAQTHKYAIIMNERNQLEVKGNGQYSTIKDKDRERKFIYNKDRG..GGGS 78
consensus
logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1 LSFNNTDEVVAKKNGTVVFGAATYLPPYGKVSGFDEEKLKERTNALDWIGTTDPGLVGYSYEDVTCNSGNCPEVSYKTQF 122
NTDB id 1090 CAA90909.1 1..3114( ) VFFDNTDTLVSQQRGTAVFGTATYLPPYGKVSGFDADGLQKRNNAVDWIHTTQAGLAGYAYTDVICRSNQCPQLVYETKF 158
consensus
logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1 IFDNHQLAKKKTDSKLDIYEDKSRDNSPIYKLQDYPWLGVSFNLGGESSFKPKR.QGSLVSSFSEDVTQQNGTQDQYKGK 201
NTDB id 1090 CAA90909.1 1..3114( ) SFDGIGLAKN..AGSLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSENTVKDGKSFNKLISSFSEGNNNQTI..... 228
consensus
logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1 NLVYTTEDYNNQGNRNHQDKHHAIAFYLNAKLHLLDKKQIQNIAQGKTFNLGTLKPRIDLTEAWKNRHGSFFSNGNWTFE 281
NTDB id 1090 CAA90909.1 1..3114( ) ..V.STTRGHSISLSDWKREHTAMAYYLNAKLHLLDKKGIEDIAQGKTVDLGTLRPRVEATVRRG...ELLNFWATWKIE 302
consensus
logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1 DKCAVSVKLILPEVKAGRCINKP..NPKAQALSPALTAPALWFGPVQNGKVQMYSASVSTYPDSSSSRIFLQNLERKTDP 359
NTDB id 1090 CAA90909.1 1..3114( ) DKGNITVRLGLPEVKAGRCVNKANPNPNAKAPSPALTAPALWFGPVKDGKAEMYSASVSTYPDSSSSRIYLQNLKRKTDP 382
consensus
logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1 GRPGRYSLETLTENDIKSRQPNFTGRQTIIRLDSGVQQIKLQG..NEVANFNRNDGKNDTFGIVSEYGLTPDANEWKKVL 437
NTDB id 1090 CAA90909.1 1..3114( ) GKPGRHSLETLTENDIKSREPNFTGRQTIIRLNGGVREIKLDRNNTEVVNFNGNDGNNDTFGIVKDLGVEPDTSEWKKVL 462
consensus
logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1 LPWTVRAFNDDGRFNTVNKEEN.NGKPKYSQRYRIRENGNNGNNGKRDLGDIVNSPIVAVGEYLATSANDGMVHIFKQSG 516
NTDB id 1090 CAA90909.1 1..3114( ) LPWTVRGFADDNKFKAFNKEENNDNKPKYSQKYRSRDN....NKGERNLGDIVNSPIVAVGEYLATSANDGMVHIFKQSG 538
consensus

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logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1  GDKRSYNLKLSYIPGTMPRKDIQNTESTLAKELRAFAEKSYVGDRYGVDGGFVLRQVE.LSGKKHVFMFGAMGFGGRGAY  595
NTDB id 1090 CAA90909.1 1..3114( )           GDKRSYNLKLSYIPGTMPRKDIQNTESTLAKDVRTFAEKGYVGDRYGVDGGFVLRKVDNLNGQNRVFMFGAMGFGGRGAY  618
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**! !!!! !!!!!!!!!!!!!!! !**! !  *!!!!!!!!!!!!!!!
```



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logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1  ALDLTKAENGNPTAVSLFDVKHDNNGKNSNNSVQLGYTVGTPQIGKTHNGKYAAFLASGYATKTI.DSTDNKTALYVYDL  674
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consensus                                    !!!!!!!*   !!!!!!!!!!***!! ! !! ! !!!!!!!!!!!!!! !!!!!!!!!!!!!! !* ! !!!!!!!!!!!
```



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logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1  ESSG..TLIKKIDVPGGKGGLSSPTLVDKDLDGIVDIAYAGDRGGNMYRFDLSGNNPNSWTVRPIFEGTKPITSAPAISQ  752
NTDB id 1090 CAA90909.1 1..3114( )           EGNGTNNLIKKIEVPGGKGGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLSSQDPQQWSVRTIFEGTKPITSAPAISQ  776
consensus                                    !  !** !!!!!*!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!! * !* !*!!*!!!!!!!!!!!!!!!!
```



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logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1  LKDKRVVIFGTGSDLSEDDVDNKDIQHVYGIFDNDTDTGTA..QDGQGKGLLEQVLSE..ENKTLFLTDYKRSNGSGSKG  828
NTDB id 1090 CAA90909.1 1..3114( )           LKDKRVVIFGTGSDLSEEDVDNMEEQYIYGIFDDDTATTGTVNFSDSGGGLLEQVLRRDNDNKTLFLTDYKRSDGSGNKG  856
consensus                                    !!!!!!!!!!!!!!!!!*!!!! * !**!!!!! !! !   **    ! !!!!!!!  ***!!!!!!!!!!!! !!! !!
```



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logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1  WMVKLQPRQRVTVKPTVVLRTAFVTIRKYKD.NGCGAETAILGINTADGGKLTKKSARPIVPAANQAVAQYSGHKQTTKG  907
NTDB id 1090 CAA90909.1 1..3114( )           WVVKLKDGQRVTVKPTVVLRTAFVTIHKYTGTDKCGAETAILGINTADGGKLTKKSARPIVPEANTAVAQYSGHKKGTNG  936
consensus                                    !*!!! * !!!!!!!!!!!!!!!!!!*!!  *  !!!!!!!!!!!!!!!!!!!!!!!!!!!! !! !!!!!!!!!  ! !
```



```
logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1  KSIPIGCMQKGNEIVCPNGYVVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPAGKRSGKNNRCFSQKGVRTLLMNDLD  987
NTDB id 1090 CAA90909.1 1..3114( )           KSIPIGCMQKSNEIVCPNGYVVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPAGKRSGKNNRCFSQKGVRTLLMNDLD  1016
consensus                                    !!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```



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   <0
logo
NTDB id 112643 A6L41 RS07625 WP 335582221.1  SLDITGPTCGMKRISWREVFY.  1008
NTDB id 1090 CAA90909.1 1..3114( )           SLDITGPTCGMKRISWREVFY*  1037
consensus                                    !!!!!!!!!!!!!!!!!!!!!
```



X non conserved

X similar

X $\geq$ 50% conserved