

logo

NTDB id 25966 HPAG1 RS06635 WP 000653627.1

NTDB id 1208 C694 RS07015 WP 000653622.1

consensus

MKDKTFQGAFELLTPKEYLVCGVFLSLLLA^WINLYLEYLNYQKLDFSKPTSL^{SA}QILLQYPKTKDQKTYFVLKLQSK^NMFYTTI

MKDKTFQGAFELLTPKEYLVCGVFLSLLLA^WINLYLEYLNYQKLDFSKPTSL^{NA}QILLQYPKTKDQKTYFVLKLQSK^{GM}IFYTTI

MKDKTFQGAFELLTPKEYLVCGVFLSLLLA^VINLYLEYLNYQKLDFSKPTSL^{SA}QILLQYPKTKDQKTYFVLKLQSK^NMFYTTI

!!

8585

logo

NTDB id 25966 HPAG1 RS06635 WP 000653627.1

NTDB id 1208 C694 RS07015 WP 000653622.1

consensus

KEPLKNLQYR^YAQFFFGKIKPCSFLES^LKS^CFFQTY^SFS^LTRK^{HN}FKSHWRHFIDSAH^{SS}ALVGNLYRALFIGDSL^NKDLRDRANA

KEPLKNLQYR^YAQFFFGKIKPCSFLES^LKS^CFFQTY^SFS^LTRK^{HN}FKSHWRHFIDSAH^{SS}ALVGNLYRALFIGDSL^NKDLRDRANA

KEPLKNLQYR^HAQFFFGKIKPCSFLES^LKS^CFFQTY^SFS^LTRK^QDFKSHWRHFIDSAH^{EN}ALVGNLYRALFIGDSL^NKDLRDRANA

!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!

170170

logo

NTDB id 25966 HPAG1 RS06635 WP 000653627.1

NTDB id 1208 C694 RS07015 WP 000653622.1

consensus

LGINHLLAISGFHLGILS^xSVYEL^SSLFYTPLQKRYFPYRNAFYDIGVLVWVFLLG^YLLLLDFLPSFFRAFLMGLLGFLACFFGV

LGINHLLAISGFHLGILS^ASVYFLFSLFYTPLQKRYFPYRNAFYDIGVLVWVFLLG^YLLLLDFLPSFFRAFLMGLLGFLACFFGV

LGINHLLAISGFHLGILS^VSVYFLSSLFYTPLQKRYFPYRNAFYDIGVLVWVFLLG^YLLLLDFLPSFFRAFLMGLLGFLACFFGV

!!

255255

logo

NTDB id 25966 HPAG1 RS06635 WP 000653627.1

NTDB id 1208 C694 RS07015 WP 000653622.1

consensus

RLLSFKLLILACCIAIALLPKLLFSVGFLLSVCGVWYIFLFLKHT^EIFFKTSSFL^MRSFQAISLSALVFLNMLIIVHAFFPMFSP

RLLSFKLLILACCIAIALLPKLLFSVGFLLSVCGVWYIFLFLKHT^EIFFKTSSFL^ARSFQAISLSALVFLNMLIIVHAFFPMFSP

RLLSFKLLILACCIAIALLPKLLFSVGFLLSVCGVWYIFLFLKHT^QIFFKTSSFL^MRSFQAISLSALVFLNMLIIVHAFFPMFSP

!!

340340

logo

NTDB id 25966 HPAG1 RS06635 WP 000653627.1

NTDB id 1208 C694 RS07015 WP 000653622.1

consensus

YQLFSIPLGLIFIVFFPLSLFLHAVGLGSLLD^RL^NSMPLTIPTIS^VPSPLWLLGVHLFLTILSARFFKVYLSMNVLSAGFFLYCC

YQLFSIPLGLIFIVFFPLSLFLHAVGLGSLLD^HL^NSMPLTIPTIS^IPSPLWLLGVHLFLTILSARFFKVYLSMNVLSAGFFLYCC

YQLFSIPLGLIFIVFFPLSLFLHAVGLGSLLD^RL^NSMPLTIPTIS^VPSPLWLLGVHLFLTILSARFFKVYLSMNVLSAGFFLYCC

!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!*!!

425425

logo

NTDB id 25966 HPAG1 RS06635 WP 000653627.1

NTDB id 1208 C694 RS07015 WP 000653622.1

consensus

YQYIIMPSS^SIVG

YQYIIMPSSIVG437

YQYIIMPSSLIVG437

!!!!!!!!!!!!!!

X

 non conserved

X

 similar

X

 ≥ 50% conserved