

[illegible]

NITD id	587	KW2 RS10850 WP	042211510.1
NTDB id	395	FSA28 RS09400 WP	257638827.1
NTDB id	386	SMU RS09030 WP	255262721.1
NTDB id	82876	H7677 RS00730 WP	269473649.1
NTDB id	430	SGO RS09415 WP	012130941.1
NTDB id	271	KZH43 RS09260 WP	074196785.1
NTDB id	230	SPD RS09890 WP	074196785.1
NTDB id	196	SPR RS09425 WP	074196785.1
NTDB id	161	SP RS10375 WP	074196785.1
NTDB id	529	SMSK321 RS09235 WP	080550783.1
NTDB id	501	SM12261 RS00950 WP	004238896.1
consensus			

NTDB id	587	KW2 RS10850 WP 042211510.1	FVSGALIVLLTSLSIILFKHISALTNFTFLVKVPVLVSFFIRLYLTAYFSREWGNLIAQGVELRQIIELMKKQKSRIFAEVIKLD	248
NTDB id	395	FSA28 RS09400 WP 257638827.1	LLGCCFFILLVGIFTTFSRKISRRLHLIGFCSHLPFVGKYLLQLYLTAYYAREWGNLIGQGVEMAQIVRLMQDQKSQLFREICYDME	250
NTDB id	386	SMU RS09030 WP 255262721.1	LLGCCFFILLVGIFTTFSRKISRRLHLIGFCSHLPFAGKYLLQLYLTAYYAREWGNLIGQGVEMAQIVRLMQDQKSQLFREICYDME	250
NTDB id	82876	H7677 RS00730 WP 269473649.1	LLSLGLSLVAVLAGMVWFRKTNKIKIVFSCLAALPFFGKKLIQTLYLTAYYAREWGNLIGQCLDLPIQIVGLMQRQQSQLFREIQGDLE	254
NTDB id	430	SGO RS09415 WP 012130941.1	LLTVLMLLGLTGAIYLVFKGQKRIPVYSFLARLPFVGSFVRITLYLTAYYAREWGNMIGQGLELSQIFQIMQEQRSVLFQEQIGQDLG	251
NTDB id	271	KZH43 RS09260 WP 074196785.1	LGMVGLVSVLALLALTIFYKRSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQSQLFKEVGQDLA	245
NTDB id	230	SPD RS09890 WP 074196785.1	LGMVGLVSVLALLALTIFYKRSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQSQLFKEVGQDLA	245
NTDB id	196	SPR RS09425 WP 074196785.1	LGMVGLVSVLALLALTIFYKRSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQSQLFKEVGQDLA	245
NTDB id	161	SP RS10375 WP 074196785.1	LGMVGLVSVLALLALTIFYKRSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQSQLFKEVGQDLA	245
NTDB id	529	SMSK321 RS09235 WP 080550783.1	LGMVGLVSVLLTLTALTIFYKRSKMRFVSILARIPFLGIFVQTYLTAYYAREWGNMISQGMELTQIFQIMQEQQSQLFKEIGQDLA	245
NTDB id	501	SM12261 RS00950 WP 004238896.1	LGMVGFVSVGVLLALTIFYKRGSKMRVFSILARIPFLGIFVQTYLTAYYAREWGNMISQGMELTQIFQIMQEQQSQLFKEIGQDMA	245
consensus			* ! * * * * * * * * * * ! ! ! ! * * ! ! ! ! * * ! * ! * * * * ! * * * ! * * * ! * * ! * * ! * * * *	

[illegible]

NTDB id 587 KW2 RS10850 WP 042211510.1	YSNMGSGI	341
NTDB id 395 FSA28 RS09400 WP 257638827.1	YQNMEVNL	343
NTDB id 386 SMU RS09030 WP 255262721.1	YQNMEVNL	343
NTDB id 82876 H7677 RS00730 WP 269473649.1	YQNMEL..	345
NTDB id 430 SGO RS09415 WP 012130941.1	YQNMEVHL	344
NTDB id 271 KZH43 RS09260 WP 074196785.1	YQNMEVNF	338
NTDB id 230 SPD RS09890 WP 074196785.1	YQNMEVNF	338
NTDB id 196 SPR RS09425 WP 074196785.1	YQNMEVNF	338
NTDB id 161 SP RS10375 WP 074196785.1	YQNMEVNF	338
NTDB id 529 SMSK321 RS09235 WP 080550783.1	YQNMEVNF	338
NTDB id 501 SM12261 RS00950 WP 004238896.1	YQNMEVNF	338
consensus	! * ! ! * * * *	

- X non conserved
- X similar
- X $\geq 50\%$ conserved