

[illegible]

NTDB id 64583	STRIC RS08525 WP 050897398.1	IITQVNLADSHGNLGLTLQKVG DYLKQVLLIRRKIV	E	V	A	T	P	L	I	L	F	V	F	L	I	A	I	M	L	G	L	R	H	Y	L	I	P	Q	L	T	Q	.	N	R	L	T	Y	F	L	M	H	P	E	F	F	L	A	S	169																								
NTDB id 587	KW2 RS10850 WP 042211510.1	VVTQLALVEVHGNL	V	G	T	M	Q	L	V	E	L	H	L	K	K	Q	L	K	V	K	K	L	I	E	V	A	T	P	V	V	L	L	V	F	L	I	G	I	M	W	G	L	K	N	Y	L	L	P	Q	L	D	K	G	N	.	N	F	A	T	L	L	I	N	H	L	P	L	V	F	F	S	V	166
NTDB id 395	FSA28 RS09400 WP 257638827.1	VVTQLALSEVHGNTQK	S	L	L	K	I	E	S	Y	L	N	N	L	I	L	V	K	K	L	V	E	V	I	T	P	I	I	L	L	I	F	L	V	V	I	M	L	G	L	K	N	Y	L	L	P	Q	L	E	K	G	.	N	F	A	T	R	L	I	S	N	F	P	I	L	F	L	G	168				
NTDB id 386	SMU RS09030 WP 255262721.1	VVTQLALSEVHGNTQK	S	L	L	K	I	E	S	Y	L	N	N	L	I	L	V	K	K	L	V	E	V	I	T	P	I	I	L	L	I	F	L	V	V	I	M	L	G	L	K	N	Y	L	L	P	Q	L	E	R	G	.	N	F	A	T	R	L	I	S	N	F	P	I	L	F	L	G	168				
NTDB id 430	SGO RS09415 WP 012130941.1	VVTQLSLAELHGNLSL	L	L	K	I	E	E	Y	L	D	N	L	A	K	V	K	K	L	I	E	V	A	T	P	M	L	L	G	F	L	V	L	I	M	I	G	L	R	N	Y	L	L	P	Q	L	S	S	.	N	F	A	T	Q	I	G	H	L	P	T	I	F	L	T	169								
NTDB id 271	KZH43 RS09260 WP 074196785.1	IVTQLSLAEVHGNNLH	S	L	G	K	I	E	E	Y	L	D	N	L	A	K	V	K	K	L	I	E	V	A	T	P	L	I	L	L	G	F	L	L	I	M	L	G	L	R	N	Y	L	L	P	Q	L	D	S	.	N	I	A	T	Q	I	G	N	L	P	Q	I	F	L	G	M	163						
NTDB id 230	SPD RS09890 WP 074196785.1	IVTQLSLAEVHGNNLH	S	L	G	K	I	E	E	Y	L	D	N	L	A	K	V	K	K	L	I	E	V	A	T	P	L	I	L	L	G	F	L	L	I	M	L	G	L	R	N	Y	L	L	P	Q	L	D	S	.	N	I	A	T	Q	I	G	N	L	P	Q	I	F	L	G	M	163						
NTDB id 196	SPR RS09425 WP 074196785.1	IVTQLSLAEVHGNNLH	S	L	G	K	I	E	E	Y	L	D	N	L	A	K	V	K	K	L	I	E	V	A	T	P	L	I	L	L	G	F	L	L	I	M	L	G	L	R	N	Y	L	L	P	Q	L	D	S	.	N	I	A	T	Q	I	G	N	L	P	Q	I	F	L	G	M	163						
NTDB id 161	SP RS10375 WP 074196785.1	IVTQLSLAEVHGNNLH	S	L	G	K	I	E	E	Y	L	D	N	L	A	K	V	K	K	L	I	E	V	A	T	P	L	I	L	L	G	F	L	L	I	M	L	G	L	R	N	Y	L	L	P	Q	L	D	S	.	N	I	A	T	Q	I	G	N	L	P	Q	I	F	L	G	M	163						
NTDB id																																																																									

NTDB	id	64583	STRIC	RS08525	WP	050897398.1	LALVALMVLAFLLRWRRQARLQLVSRFSRWPIFYGYFKHYLTAYYAKEWGNLIQGCLLEIQSILATMAQEKSQMLRELAKDMQSHL	254
NTDB	id	587	KW2	RS10850	WP	042211510.1	GALIVLLTSLSIIFKHKISALTNFTFLVKVPLVSSFIRLYLTAYFSREWGNLIAQGVVELRQITIELMKKQKSRIFAEGIKLDLGL	251
NTDB	id	395	FSA28	RS09400	WP	257638827.1	CCFFILLVGIFTTFSSRKISRHLHIGFCSHLPFVCKYLQLYLTAYYAREWGNLIQCGVEMAQIVRLMQDQKSQLFREIGYDMEKAL	253
NTDB	id	386	SMU	RS09030	WP	255262721.1	CCFFILLVGIFTTFSSRKISRHLHIGFCSHLPFAKGVLQLYLTAYYAREWGNLIQCGVEMAQIVRLMQDQKSQLFREIGYDMEKAL	253
NTDB	id	430	SGO	RS09415	WP	012130941.1	VLMLLGLTGAIYLVFKGQKRIPVYSFLARLPFGVSFVRIRYLTAYYAREWGNMIQGCLLESQIFQMIEQRSVLFQIEIGDDLQAL	254
NTDB	id	271	KZH43	RS09260	WP	074196785.1	VGLVSVLALLALTFYKRSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQSQLFKEVGQDLAQTTL	248
NTDB	id	230	SPD	RS09890	WP	074196785.1	VGLVSVLALLALTFYKRSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQSQLFKEVGQDLAQTTL	248
NTDB	id	196	SPR	RS09425	WP	074196785.1	VGLVSVLALLALTFYKRSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQSQLFKEVGQDLAQTTL	248
NTDB	id	161	SP	RS10375	WP	074196785.1	VGLVSVLALLALTFYKRSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQSQLFKEVGQDLAQTTL	248
NTDB	id	529	SMSK321	RS09235	WP	080550783.1	VGLVSLTLALLALTFYKRSKMSRVFSILARPFIIGIFVQTYLTAYYAREWGNMISQGMELTQIFQIMQEQQSQLFKEIGQDLAQS	248
NTDB	id	501	SM12261	RS00950	WP	004238896.1	VGFVSVGVLALLALTFYKRSKMRVFSILARLPFIIGIFVQTYLTAYYAREWGNMISQGMELTQIFQIMQEQQSQLFKEIGQDMAHAL	248
consensus							***** *****	

