

[illegible]

VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	166
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	167
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	168
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	169
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	170
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	171
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	172
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	173
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	174
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	175
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	176
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	177
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	178
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	179
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	180

VGLVSVLALLALT	FYKRSSKM	S	VFSILARLP	FGIFVQTYLT	AYYAREWGNMISQGMELTQIFQ	MMQEQQS	QLFKEV	QGD	LAQ	LAQA																																																																						
GALIVL	LTSL	II	FKHIS	SALTN	FTFLVKVPL	VSS	FIRLYLTAYFS	REWGNLI	AQGV	VELRQII	ELM	KKK	QKS	RLT	FAEVG	IK	LDL	GL	251																																																													
CCFFIL	LVG	I	FTF	FSRKIS	RLHL	IGFC	SHLPFV	GKYL	QLYLTAYYAREWGNLI	GGV	EMAQ	IVRL	MQD	QKS	QLF	REIGY	D	MEKAL	253																																																													
CCFFIL	LVG	I	FTF	FSRKIS	RLHL	IGFC	SHLPFAG	KYL	QLYLTAYYAREWGNLI	GGV	EMAQ	IVRL	MQD	QKS	QLF	REIGY	D	MEKAL	253																																																													
VL	ML	GL	TG	AI	YLV	F	KGQR	RIP	V	YS	F	LAR	LP	V	GS	F	VRI	YLTAYYAREWGNMI	GG	L	S	Q	I	F	Q	I	M	Q	E	Q	S	Q	L	F	K	E	I	G	D	L	A	Q	A	254																																				
VGLVSVL	LT	ALL	ALT	FYKRSSKM	R	VFSILAR	I	PFL	GIFVQTYLT	AYYAREWGNMISQGMELT	QIFQ	I	MQE	Q	S	Q	L	F	K	E	I	G	D	L	A	Q	S	248																																																				
VG	F	V	S	V	G	V	L	L	A	L	T	F	Y	K	R	S	S	K	M	R	V	F	S	I	L	A	R	L	P	F	I	G	I	F	V	Q	T	Y	L	T	A	Y	A	R	E	W	G	N	M	I	S	Q	G	M	E	L	T	Q	I	F	Q	I	M	Q	E	Q	S	Q	L	F	K	E	I	G	D	L	A	Q	S	248
L	G	F	V	S	I	L	A	L	L	T	F	Y	K	R	S	S	K	M	R	V	F	S	I	L	A	R	L	P	F	I	G	I	F	V	Q	T	Y	L	T	A	Y	A	R	E	W	G	N	M	I	S	Q	G	M	E	L	T	Q	I	F	Q	I	M	Q	E	Q	S	Q	L	F	K	E	I	G	D	L	A	R	A	L	248
VGLVSVL	ALL	ALL	ALT	FYKRSSKM	S	VFSILARLP	I	GIFVQTYLT	AYYAREWGNMISQGMELT	QIFQ	MM	QE	Q	S	Q	L	F	K	E	V	Q	D	L	A	Q	T	248																																																					
VGLVSVL	ALL	ALL	ALT	FYKRSSKM	S	VFSILARLP	I	GIFVQTYLT	AYYAREWGNMISQGMELT	QIFQ	MM	QE	Q	S	Q	L	F	K	E	V	Q	D	L	A	Q	T	248																																																					
VGLVSVL	ALL	ALL	ALT	FYKRSSKM	S	VFSILARLP	I	GIFVQTYLT	AYYAREWGNMISQGMELT	QIFQ	MM	QE	Q	S	Q	L	F	K	E	V	Q	D	L	A	Q	T	248																																																					
VGLVSVL	ALL	ALL	ALT	FYKRSSKM	S	VFSILARLP	I	GIFVQTYLT	AYYAREWGNMISQGMELT	QIFQ	MM	QE	Q	S	Q	L	F	K	E	V	Q	D	L	A	Q	T	248																																																					

logo

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NTDB 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 430 SGO RS09415 WP 012130941.1
NTDB id 529 SMSK321 RS09235 WP 080550783.1
NTDB id 501 SM12261 RS00950 WP 004238896.1
NTDB id 75321 UKS RS00995 WP 156013011.1
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
consensus

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336
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333
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logo

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NTDB id 587 KW2 RS10850 WP 042211510.1
NTDB id 395 FSA28 RS09400 WP 257638827.1
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NTDB id 430 SGO RS09415 WP 012130941.1
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NTDB id 75321 UKS RS00995 WP 156013011.1
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
consensus

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