

[illegible]

VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLVIMLGLRNYLLPQLDSSNFATQLIGNLPQIFLGM	166
VVTQLSLAEVHGNLTQKSLLKIESYLNLLIVKKKLEVEITYPIILLIFLVIMLGLRNYLLPQLBKGNFATRLISNFPILFLG	168
VVTQLALSEVHGNTQKSLLKIESYLNLLIVKKKLEVEITYPIILLIFLVIMLGLRNYLLPQLBKGNFATRLISNFPILFLG	168
IVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	163
IVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	163
IVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	163
IVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	163
IVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	163
IVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	163
VVTQLSLSELHGNLTLSLGKIEAYLENLSKVKKKLEI VGTYPLMLLGFLVIMLGLRNYLLPQLDSSQNFATQLIGNLPQIFLWS	169
VVTQLSLAELHGNLSSALLKIEEYLDNLAKVKKKLEI VATYPMMLLGFLVIMLGLRNYLLPQLSSQNFATQLIGHLPITFLLT	169

VGLVSVL	LALL	ALTYFKRS	SKMVS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	GL	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	LAQA										
GALIV	LITS	LSII	IFKH	SALTN	FT	FLVKV	PLVSS	FI	RLYLT	AYFS	REWGN	LIA	QGV	ELR	QI	EL	MKK	QKS	RL	FA	EVG	IK	LD	LGL	251					
CCFFIL	LVG	I	FTF	FSRK	IS	RLH	LIG	FC	S	HL	PF	GKYL	QL	YL	TAYY	AREWGN	LIG	QGV	MA	QIV	RL	MQD	QKS	QLF	RE	IGY	D	ME	KAL	253
CCFFIL	LVG	I	FTF	FSRK	IS	RLH	LIG	FC	S	HL	PF	GKYL	QL	YL	TAYY	AREWGN	LIG	QGV	MA	QIV	RL	MQD	QKS	QLF	RE	IGY	D	ME	KAL	253
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL									
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL	ALTYFKR	SSKMS	VFSIL	ARLP	PF	GIFVQ	TYLT	AYYARE	WGNM	ISQ	G	MELT	QIFQ	IM	QEQS	QLFKE	V	QGD	LAQ	TL	248								
VGLVSVL	LALL																													

logo

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 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
NTDB id 27498 SSA RS01080 WP 260469263.1
NTDB id 430 SGO RS09415 WP 012130941.1
consensus

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logo

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NTDB id 395 FSA28 RS09400 WP 257638827.1
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NTDB id 161 SP RS10375 WP 074196785.1
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NTDB id 501 SM12261 RS00950 WP 004238896.1
NTDB id 27498 SSA RS01080 WP 260469263.1
NTDB id 430 SGO RS09415 WP 012130941.1
consensus

MEVNF

M	G	S	G	I
MEVN	L			
MEVN	L			
MEVNF				
MEVNF				
MEVNF				
MEVNF				
MEVNF				
MEVNF				
MEV	H	L		
MEV	H	L		

! * * * *

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