

M	E	S	K	L	K	T	W	A	D	F	S	Y	F	I	R	N	F	G	V	F	T	L	I	F	S	T	M	T	L	I	L	Q	V	M	H	S	S	L	Y	T	S	V	D	K	L	H	G	L	S	E	N	P	Q	A	V	I	Q	L	A	I	N	R	A	T	E	E	I	K	D	L	E	N	A	R	A	D	A	S	K				
L	N	I	R	Q	K	D	E	N	I	F	S	H	F	A	I	C	I	F	X	I	V	I	T	Q	V	M	H	F	G	I	T	S	S	V	D	N	S	L	K	I	A	T	E	N	V	N	D	Y	V	N	M	T	L	S	H	N	N	P	.	I	T	E	A	E	N	G	.	D	A	S	F	K											
M	L	I	K	L	R	K	Q	K	Q	D	E	N	I	S	F	F	S	H	F	F	A	V	F	T	G	I	F	F	V	M	T	V	I	I	Q	V	M	H	F	G	I	T	S	S	V	D	N	S	L	K	I	A	T	E	N	V	N	D	Y	V	N	M	T	L	S	H	N	N	P	.	I	T	E	A	E	N	G	.	D	A	S	F	K
M	F	N	K	L	K	K	T	W	A	D	D	S	Y	F	I	R	N	F	G	V	F	T	L	I	F	S	A	M	T	L	I	L	Q	V	M	H	S	S	L	Y	T	S	V	D	E	K	L	Q	A	L	S	S	P	Q	A	V	I	Q	L	A	I	N	R	A	T	E	E	I	K	D	L	E	N	A	R	A	D	A	S	K			
M	F	S	K	L	K	K	T	W	A	D	D	S	Y	F	I	R	N	F	G	V	F	T	L	I	F	S	T	M	T	L	I	L	Q	V	M	H	S	S	L	Y	T	S	V	D	D	K	L	H	G	L	S	E	N	P	Q	A	V	I	Q	L	A	I	N	R	A	T	E	E	I	K	D	L	E	N	A	R	A	D	A	S	K		
M	F	S	K	L	K	K	T	W	A	D	D	S	Y	F	I	R	N	F	G	V	F	T	L	I	F	S	T	M	T	L	I	L	Q	V	M	H	S	S	L	Y	T	S	V	D	D	K	L	H	G	L	S	E	N	P	Q	A	V	I	Q	L	A	I	N	R	A	T	E	E	I	K	D	L	E	N	A	R	A	D	A	S	K		
M	F	S	K	L	K	K	T	W	A	D	D	S	Y	F	I	R	N	F	G	V	F	T	L	I	F	S	T	M	T	L	I	L	Q	V	M	H	S	S	L	Y	T	S	V	D	D	K	L	H	G	L	S	E	N	P	Q	A	V	I	Q	L	A	I	N	R	A	T	E	E	I	K	D	L	E	N	A	R	A	D	A	S	K		
M	F	S	K	L	K	K	T	W	A	D	D	S	Y	F	I	R	N	F	G	V	F	T	L	I	F	S	T	M	T	L	I	L	Q	V	M	H	S	S	L	Y	T	S	V	D	D	K	L	H	G	L	S	E	N	P	Q	A	V	I	Q	L	A	I	N	R	A	T	E	E	I	K	D	L	E	N	A	R	A	D	A	S	K		

[illegible][illegible]

SIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFFNTTFNYEMIASENNRVFRFENRIHRTIVTDQLLKQLMTILFD
M L A N I S P S D K L K B K L L Y T V N I F M K T

SIASSLEEVRNMRMLTANLLNLARRDDGIKPEITETIQRFFDFTFKNYEMIARENGKKLHIINKVNRQIKTDKTLLKQLMTILFD 337
SIASSLEEVRNMRFLTTLNLLNLARRDDGIKPEIAEVSPQFFKTTFNANYELIAYENDRVFNYNENRIYRPFMTDQLLKQLMTILFD 340
SIASSLEEVRNMRFLTSSLNLLNLARRDDGIKPELAEVPTSFFNTTFNYEMIASENNRVFRFENRIHRTIVTDQLLKQLMTILFD 340
SIASSLEEVRNMRFLTSSLNLLNLARRDDGIKPELAEVPTSFFNTTFNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFD 340
SIASSLEEVRNMRFLTSSLNLLNLARRDDGIKPELAEVPTSFFNTTFNYEMIASENNRVFRFENRIHRTIVTDQLLKQLMTILFD 340
SIASSLEEVRNMRFLTSSLNLLNLARRDDGIKPELAEVPTSFFNTTFNYEMIASENNRVFRFENRIHRTIVTDQLLKQLMTILFD 340

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

NAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKP	422
NAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALRGTISVKDNKP	425
NAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKP	425
NAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKP	425
NAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKP	425
NAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGISTEDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKP	425

logo

NTDB id 363 SMU RS05195 WP 002262215.1	KGTIFEVKIAIQTPSKKKK	435
NTDB id 42577 SNAG RS06105 WP 096407550.1	QGVMEARLLANK.....	445
NTDB id 259 KZH43 RS03480 WP 000491790.1	RGTIFEVKIAIQSPSKRKNK	444
NTDB id 218 SPD RS03780 WP 000491790.1	KGTIFEVKIAIQTPSKKKK.	444
NTDB id 184 SPR RS03565 WP 000491790.1	KGTIFEVKIAIQTPSKKKK.	444
NTDB id 148 SP RS03910 WP 000491790.1	KGTIFEVKIAIQTPSKKKK.	444
consensus	*!*!*!*!*!*!*!*!*!*!*!	

- ⓧ non conserved
- ⓧ similar
- ⓧ ≥ 50% conserved