

logo

NTDB id 1250 GC085 RS13065 WP 027219989.1	..MNNLQLPLLA	LNRMKRIGP....RTVLKLQKRWPDNL	LMFQLSSV	DLEEAGLPSWLA	QTIKNFDPDF	IKTDLNWLSSS	73
NTDB id 599 KW2 RS05940 WP 021037268.1	.MITNFD....	LFRWKKAGMTNLG	VNKLKLF	FRKYDRKISLRQM	..GQVAQVKSIPNFIE	QYKNQDVKKLRADYK	71
NTDB id 525 SMSK321 RS06295 WP 000705298.1	MKITNYE....	IYKLKKSGLTNQ	QILKVLEYGENVD	QELLGDI	..ADISGCRNPAVFMERYF	QIDDAHLEKEFKKIP	72
NTDB id 267 KZH43 RS05590 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQ	QILKVLEYGENVD	QELLGDI	..ADISGCRNPAVFMERYF	QIDDAHLSKEFQKFP	72
NTDB id 226 SPD RS05990 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQ	QILKVLEYGENVD	QELLGDI	..ADISGCRNPAVFMERYF	QIDDAHLSKEFQKFP	72
NTDB id 192 SPR RS05715 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQ	QILKVLEYGENVD	QELLGDI	..ADISGCRNPAVFMERYF	QIDDAHLSKEFQKFP	72
NTDB id 157 SP RS06205 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQ	QILKVLEYGENVD	QELLGDI	..ADISGCRNPAVFMERYF	QIDDAHLSKEFQKFP	72
NTDB id 497 SM12261 RS05565 WP 000705318.1	MKITNYE....	IYKLKKSGLTNQ	QILKVLEYGENVD	QELLGDI	..AEISGCRNPAVFMERYF	QIDDAHLEKEFQKFP	72
NTDB id 1036760 ACB350 RS04970 WP 030127252.1	..MNHFE....	LYKLKKAAGLTN	KNILNILDYQEHQ	EKSLSLRDM	..AVVSGCKHPSHFIE	AYKQLDIQKLKMEFKQFP	70
NTDB id 407 SMU RS04605 WP 002262865.1	..MDNFQ....	LFLKKKAGLTN	LNILNIIIDYEERT	QKSLSLRDM	..AVVSKNKKPLIFME	HYKNLDSKALRKEFNRF	70
consensus	*****	*****!	*****!	*****!	*****!	*****!	

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NTDB id 1250 GC085 RS13065 WP 027219989.1	ENHHIL	I	W	S	P	Y	P	A	L	K	E	I	A	D	P	P	F	I	L	A	K	G	E	S	A	L	T	Q	P	S	L	A	I	V	G	S	R	N	A	S	V	T	G	N	E	N	A	R	A	F	S	R	E	I	S	R	H	G	V	S	I	V	S	G	L	A	L	G	I	D	153						
NTDB id 599 KW2 RS05940 WP 021037268.1		S	F	S	I	L	D	D	L	Y	P	E	R	L	R	E	I	N	P	P	V	L	I	F	Y	Q	G	N	I	D	L	L	K	N	P	K	L	A	F	V	G	S	R	L	A	G	Q	S	G	I	K	S	V	Q	K	I	V	T	E	L	N	Q	..	S	F	T	I	V	S	G	L	A	K	G	I	D	146
NTDB id 525 SMSK321 RS06295 WP 000705298.1		S	F	S	I	L	D	D	C	Y	P	W	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	L	D	L	L	K	F	P	K	V	A	V	V	G	S	R	S	C	S	K	Q	G	A	K	S	V	E	K	I	I	Q	G	L	E	N	..	E	L	V	I	V	S	G	L	A	K	G	I	D	147
NTDB id 267 KZH43 RS05590 WP 000705306.1		S	F	S	I	L	D	D	C	Y	P	W	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	L	D	L	L	K	F	P	K	V	A	V	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	I	I	Q	G	L	E	N	..	E	L	V	I	V	S	G	L	A	K	G	I	D	147
NTDB id 226 SPD RS05990 WP 000705306.1		S	F	S	I	L	D	D	C	Y	P	W	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	L	D	L	L	K	F	P	K	V	A	V	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	I	I	Q	G	L	E	N	..	E	L	V	I	V	S	G	L	A	K	G	I	D	147
NTDB id 192 SPR RS05715 WP 000705306.1		S	F	S	I	L	D	D	C	Y	P	W	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	L	D	L	L	K	F	P	K	V	A	V	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	I	I	Q	G	L	E	N	..	E	L	V	I	V	S	G	L	A	K	G	I	D	147
NTDB id 157 SP RS06205 WP 000705306.1		S	F	S	I	L	D	D	C	Y	P	W	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	L	D	L	L	K	F	P	K	V	A	V	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	I	I	Q	G	L	E	N	..	E	L	V	I	V	S	G	L	A	K	G	I	D	147
NTDB id 497 SM12261 RS05565 WP 000705318.1		S	F	S	I	L	D	D	C	Y	P	W	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	L	D	L	L	K	F	P	K	V	A	V	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	I	I	Q	G	L	E	N	..	E	L	V	I	V	S	G	L	A	K	G	I	D	147

logo

NTDB id	Accession	Length	Sequence	Score
NTDB id 1250	GC085 RS13065 WP 027219989.1	233	AHAHLGCLGGGKTIAVLGTGIDCIYPRRHLKLAEEQITENGLLSEFLKSPPIAGHFPLNRRIISGLSLCILVIEAAIK	233
NTDB id 599	KW2 RS05940 WP 021037268.1	226	TASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAQYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEAKLR	226
NTDB id 525	SMSK321 RS06295 WP 000705298.1	227	TAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYISNDHVLVSEYGPGEQPLKFHFAPARNRIIAGLCRGVIVAEAKMR	227
NTDB id 267	KZH43 RS05590 WP 000705306.1	227	TAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHVLVSEYGPGEQPLKFHFAPARNRIIAGLCRGVIVAEAKMR	227
NTDB id 226	SPD RS05990 WP 000705306.1	227	TAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHVLVSEYGPGEQPLKFHFAPARNRIIAGLCRGVIVAEAKMR	227
NTDB id 192	SPR RS05715 WP 000705306.1	227	TAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHVLVSEYGPGEQPLKFHFAPARNRIIAGLCRGVIVAEAKMR	227
NTDB id 157	SP RS06205 WP 000705306.1	227	TAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHVLVSEYGPGEQPLKFHFAPARNRIIAGLCRGVIVAEAKMR	227
NTDB id 497	SM12261 RS05565 WP 000705318.1	227	TAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHVLVSEYGPGEQPLKFHFAPARNRIIAGLCRGVIVAEAKMR	227
NTDB id 1036760	ACB350 RS04970 WP 030127252.1	225	TSAHLAQLKNGGQTIAIIGTGLDRFYPKENRELQTFLGKNHVLVTEYGPREEALS YHFPERNRIIAGLSRGILVVEAKNR	225
NTDB id 407	SMU RS04605 WP 002262865.1	225	TAAHLSLKSGGATIAVIGTGLDVHYPKENRRLQDYIAKNHLLSEYEASQQLPKYHFPERNRIIAGLSQGVVVAEAKIR	225
consensus			*****	

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NTDB id 1250 GC085 RS13065 WP 027219989.1
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NTDB id 226 SPD RS05990 WP 000705306.1
NTDB id 192 SPR RS05715 WP 000705306.1
NTDB id 157 SP RS06205 WP 000705306.1
NTDB id 497 SM12261 RS05565 WP 000705318.1
NTDB id 1036760 ACB350 RS04970 WP 030127252.1
NTDB id 407 SMU RS04605 WP 002262865.1
consensus

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NTDB id 599 KW2 RS05940 WP 021037268.1
NTDB id 525 SMSK321 RS06295 WP 000705298.1
NTDB id 267 KZH43 RS05590 WP 000705306.1
NTDB id 226 SPD RS05990 WP 000705306.1
NTDB id 192 SPR RS05715 WP 000705306.1
NTDB id 157 SP RS06205 WP 000705306.1
NTDB id 497 SM12261 RS05565 WP 000705318.1
NTDB id 1036760 ACB350 RS04970 WP 030127252.1
NTDB id 407 SMU RS04605 WP 002262865.1
consensus

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.....	282
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.....	282
.....	278
.....	280

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