

NTDB id 1361 HI 0985 AAC22646.1	MNDITYTLRLMQVPKLGGVGIDKI	LSNITLNELLNYYDDVAFRQMGW	CAIQTRRWFK..PEAKFIEPALVWSQKEGNH.	76
NTDB id 25 SA RS06185 WP 000593194.1	.MTI.KLFLLLKL.....YWAH....	FSTKQIHQFLMAYPNVIKEEGRKKDSY	LCFVWNREENVLLRKYAFIKLDHNDI	68
NTDB id 599 KW2 RS05940 WP 021037268.1	.MITNFDLFRW.....KKAG....	MTNLGVNKLKFFRKYDRKISL.RQ..	MCQVAQVKSIPNFIEQ...YKNQDVKKL	63
NTDB id 407 SMU RS04605 WP 002262865.1	..MDNFQLFKL.....KKAG....	LTNLNINLNIIDYEERTQKSLSL.RD..	MAVVSKNKKPLTFMEH...YKNLDSKAL	62
NTDB id 525 SMSK321 RS06295 WP 000705298.1	MKITNYEIIYKL.....KKSG....	LTNQKILKVLEYGENVDQELL.GD..	IADISGCRNPAVFMER...YFQIDDAHL	64
NTDB id 497 SM12261 RS05565 WP 000705318.1	MKITNYEIIYKL.....KKSG....	LTNQQVLAVLEYGENVDQELL.GD..	IAEISGCRNPAVFMER...YFQIDDAHL	64
NTDB id 37606 HMPREF0837 RS05925 WP 000705301.1	MKITNYEIIYKL.....KKSG....	LTNQKILKVLEYGENVDQELL.GD..	IADISGCRNPAVFMER...YFQIDDAHL	64
NTDB id 267 KZH43 RS05590 WP 000705306.1	MKITNYEIIYKL.....KKSG....	LTNQKILKVLEYGENVDQELL.GD..	IADISGCRNPAVFMER...YFQIDDAHL	64
NTDB id 226 SPD RS05990 WP 000705306.1	MKITNYEIIYKL.....KKSG....	LTNQKILKVLEYGENVDQELL.GD..	IADISGCRNPAVFMER...YFQIDDAHL	64
NTDB id 192 SPR RS05715 WP 000705306.1	MKITNYEIIYKL.....KKSG....	LTNQKILKVLEYGENVDQELL.GD..	IADISGCRNPAVFMER...YFQIDDAHL	64
NTDB id 157 SP RS06205 WP 000705306.1	MKITNYEIIYKL.....KKSG....	LTNQKILKVLEYGENVDQELL.GD..	IADISGCRNPAVFMER...YFQIDDAHL	64
consensus	*****	*****	*****	

NTDB id 1361 HI 0985 AAC22646.1	LVNYFSPFY	PFL	LK	QTAS	F	P	LLF	V	K	G	N	L	T	A	L	S	Q	R	Q	M	A	V	G	S	R	C	T	I	T	Y	G	E	Y	W	A	K	F	A	T	E	L	S	L	A	G	F	T	T	S	145																										
NTDB id 25 SA RS06185 WP 000593194.1	IKEL	Q	K	L	K	V	S	Y	I	T	M	D	S	E	P	V	L	L	K	E	I	Y	Q	F	P	L	L	F	Y	K	G	N	I	K	L	I	N	N	M	H	L	A	V	G	A	R	D	S	T	S	Y	T	Q	Q	S	L	E	F	L	S	N	D	K	S	K	Y	L	T	I	V	S	148				
NTDB id 599 KW2 RS05940 WP 021037268.1	RAD	Y	K	..	K	F	S	S	I	L	D	D	L	Y	P	E	R	L	R	E	I	Y	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	..	S	F	T	I	V	S	139
NTDB id 407 SMU RS04605 WP 002262865.1	RKE	F	N	..	R	F	P	S	L	S	I	L	D	K	E	Y	P	L	E	L	K	N	I	Y	N	P	P	V	L	L	F	Y	Q	G	D	L	L	A	R	..	P	K	L	A	V	V	G	S	R	N	A	S	Q	M	G	V	A	A	V	K	K	I	..	Q	D	L	S	K	Q	F	V	I	S	138		
NTDB id 525 SMSK321 RS06295 WP 000705298.1	EKE	F	K	..	K	I	P	S	F	S	I	L	D	D	C	P	W	D	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	G	S	R	..	S	C	S	K	Q	G	A	K	S	V	E	K	V	..	Q	G	L	E	N	E	L	V	I	S	140	
NTDB id 497 SM12261 RS05565 WP 000705318.1	EKE	F	Q	..	K	F	P	S	F	S	I	L	D	D	C	P	W	D	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	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	..	Q	G	L	E	N	E	L	V	I	S	140		
NTDB id 37606 HMPREF0837 RS05925 WP 000705301.1	SKE	F	Q	..	K	F	P	S	F	S	I	L	D	D	C	P	W	D	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	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	..	Q	G	L	E	N	E	L	V	I	S	140		
NTDB id 267 KZH43 RS05590 WP 000705306.1	SKE	F	Q	..	K	F	P	S	F	S	I	L	D	D	C	P	W	D	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	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	..	Q	G	L	E	N	E	L	V	I	S	140		
NTDB id 226 SPD RS05990 WP 000705306.1	SKE	F	Q	..	K	F	P	S	F	S	I	L	D	D	C	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y</																																													

[illegible]

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NTDB id 1361 HI 0985 AAC22646.1	LVVEATEKSGSLITARYALEQNRVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEIDFDQIAVP	305
NTDB id 25 SA RS06185 WP 000593194.1	LITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYI	290
NTDB id 599 KW2 RS05940 WP 021037268.1	VVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTS DGCNHLIQGAKLVYQAQDILEEYLYN	282
NTDB id 407 SMU RS04605 WP 002262865.1	MVAEAKLRSGSLITCERAMEEGRDVFVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFN	280
NTDB id 525 SMSK321 RS06295 WP 000705298.1	IVAEAKMRSGSLITCERAMEEGRDVF AIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	IVAEAKMRSGSLITCERAMEEGRDVF AIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
NTDB id 37606 HMPREF0837 RS05925 WP 000705301.1	IVAEAKMRSGSLITCERAMEEGRDVF AIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	IVAEAKMRSGSLITCERAMEEGRDVF AIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
NTDB id 226 SPD RS05990 WP 000705306.1	IVAEAKMRSGSLITCERAMEEGRDVF AIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
NTDB id 192 SPR RS05715 WP 000705306.1	IVAEAKMRSGSLITCERAMEEGRDVF AIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
NTDB id 157 SP RS06205 WP 000705306.1	IVAEAKMRSGSLITCERAMEEGRDVF AIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
consensus	***!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!	

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NTDB id 1361 HI 0985 AAC22646.1	NYTPPPDPRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV	373
NTDB id 25 SA RS06185 WP 000593194.1	.....	290
NTDB id 599 KW2 RS05940 WP 021037268.1	.....	282
NTDB id 407 SMU RS04605 WP 002262865.1	.....	280
NTDB id 525 SMSK321 RS06295 WP 000705298.1	.....	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	.....	282
NTDB id 37606 HMPREF0837 RS05925 WP 000705301.1	.....	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	.....	282
NTDB id 226 SPD RS05990 WP 000705306.1	.....	282
NTDB id 192 SPR RS05715 WP 000705306.1	.....	282
NTDB id 157 SP RS06205 WP 000705306.1	.....	282
consensus		

- X non conserved
- X similar
- X ≥ 50% conserved