

NTDB	id	617	LCA	RS06480	WP	011375001.1	.MSTEEKLTTLLKHCAKQRVQDLYFTPTIGGWRLTERRQSDLVTNQELDKPTGTRYLNRLKYMAGMDISETTRAQTGRSELQLAD	84
NTDB	id	586	KW2	RS10855	WP	011836048.1	..MVQKKKAQELIQKAIEMEASDIYLIASGNLYKIYIRQQLGRTLTeevNQeIGLALLTHFKFLAGMNTGERRRVQLCACWVELEG	83
NTDB	id	584	DLJ51	RS00890	WP	019777327.1	MVEVQELGKLELRQAVEEQAQDIYILLPKPAPVKYIYLRFGEKRHLITCPPEQAAGLISHFKFVLAGMNVGEKRRSQLGCADYAFAD	85
NTDB	id	385	SMU	RS09035	WP	002263435.1	..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIIDVDHFFMANLISHFKFVAGMNVGEKRRSQLGSCDYSDYE	83
NTDB	id	394	FSA28	RS09405	WP	002291652.1	..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIIDVDHFFMANLISHFKFVAGMNVGEKRRSQLGSCDYSYDE	83
NTDB	id	500	SM12261	RS00945	WP	000249545.1	..MVQEIAQEIIIRSARKKGAQDIYFVPKLDAYELHMRVGDERCKIGCYDFEKFFAAVISHFKFVAGMNVGEKRRSQLGSCDYBYDQ	83
NTDB	id	270	KZH43	RS09265	WP	000249564.1	..MVQEIAQEIIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFFAAVISHFKFVAGMNVGEKRRSQLGSCDYAYDH	83
NTDB	id	229	SPD	RS09895	WP	000249564.1	..MVQEIAQEIIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFFAAVISHFKFVAGMNVGEKRRSQLGSCDYAYDH	83
NTDB	id	195	SPR	RS09430	WP	000249564.1	..MVQEIAQEIIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFFAAVISHFKFVAGMNVGEKRRSQLGSCDYAYDH	83
NTDB	id	160	SP	RS10380	WP	000249564.1	..MVQEIAQEIIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFFAAVISHFKFVAGMNVGEKRRSQLGSCDYAYDH	83
NTDB	id	61852	SCR2	RS08595	WP	006268058.1	..MVQNIQAIIICQAKEERAQDIYFVPKENVYELYMRIIGDERRFIRNYBFEELAAVISHFKFVTAGMNVGEKRRSQLGSCDYQYSD	83
NTDB	id	429	SGO	RS09420	WP	012130942.1	..MVQNKIAAIVRQAKEECQDIYFVPKDDCYELYMRIIGDERRFILQTYDFDQLAAVISHFKFVLAMNVGEKRRSQLGSCDYRYD	83
consensus							*****!*****!!*****!*!!!!!!*****!*****!*****!*****!*****!*****!*****!	

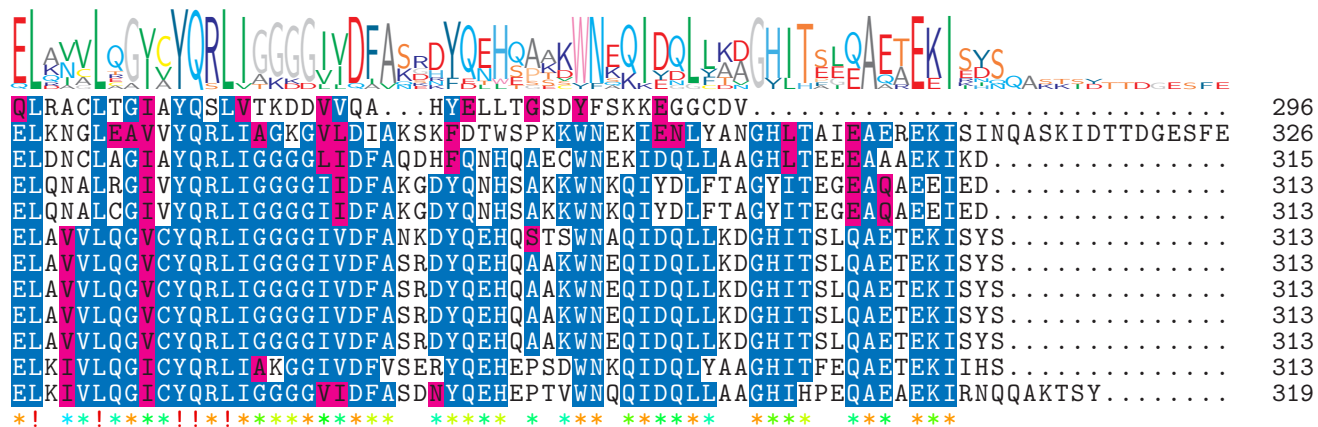
[illegible]

NTDB	id	617	LCA	RS06480	WP	011375001.1	P	T	E	I	V	A	P	E	F	L	Q	L	Q	V	N	D	N	A	G	L	S	Y	A	E	L	L	K	I	S	L	R	L	R	P	D	T	L	I	I	G	E	I	R	D	L	E	T	A	Q	Y	V	V	S	A	A	L	S	G	H	L	V	L	S	T	I	H	A	S	T	Q	G	V	A	R	L	L	D	L	G	T	S	E	L	253	
NTDB	id	586	KW2	RS10855	WP	011836048.1	P	V	E	L	I	D	S	D	F	I	Q	L	Q	V	N	D	V	I	G	N	S	Y	D	E	L	I	K	L	S	L	R	H	R	P	D	L	L	I	V	G	E	I	R	D	Q	T	A	R	A	V	I	R	A	S	L	T	G	Y	T	V	F	S	T	I	H	A	S	V	K	G	V	V	Q	R	L	L	E	L	C	L	S	D	W	250	
NTDB	id	584	DLJ51	RS00890	WP	019777327.1	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	S	I	G	M	T	Y	D	H	L	I	K	L	S	L	R	H	R	P	D	V	L	I	I	G	E	I	R	D	K	E	T	A	Q	A	V	I	R	A	S	L	T	G	I	R	V	F	S	T	I	H	A	K	S	I	P	G	V	Y	A	R	L	E	L	G	V	S	D	254		
NTDB	id	385	SMU	RS09035	WP	002263435.1	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	S	I	G	M	T	Y	D	N	L	I	K	L	S	L	R	H	R	P	D	V	L	I	I	G	E	I	R	D	K	E	T	A	R	A	V	I	R	A	S	L	T	G	A	M	V	F	S	T	I	H	A	K	S	I	P	G	V	Y	A	R	M	L	E	L	C	T	S	S	E	252
NTDB	id	394	FSA28	RS09405	WP	002291652.1	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	S	I	G	M	T	Y	D	N	L	I	K	L	S	L	R	H	R	P	D	V	L	I	I	G	E	I	R	D	K	E	T	A	R	A	V	I	R	A	S	L	T	G	A	M	V	F	S	T	I	H	A	K	S	I	P	G	V	Y	A	R	M	L	E	L	C	T	S	S	E	252
NTDB	id	500	SM12261	RS00945	WP	000249545.1	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	A	I	G	L	T	Y	E	N	L	I	K	L	S	L	R	H	R	P	D	L	L	I	I	G	E	I	R	D	S	E	T	A	R	A	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	K	S	I	R	G	V	Y	E	R	L	L	E	L	G	V	S	E	251	
NTDB	id	270	KZH43	RS09265	WP	000249564.1	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	A	I	G	L	T	Y	E	N	L	I	K	L	S	L	R	H	R	P	D	L	L	I	I	G	E	I	R	D	S	E	T	A	R	A	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	K	S	I	R	G	V	Y	E	R	L	L	E	L	G	V	S	E	251	
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NTDB	id	195	SPR																																																																																								

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NTDB id 617 LCA RS06480 WP 011375001.1
NTDB id 586 KW2 RS10855 WP 011836048.1
NTDB id 584 DLJ51 RS00890 WP 019777327.1
NTDB id 385 SMU RS09035 WP 002263435.1
NTDB id 394 FSA28 RS09405 WP 002291652.1
NTDB id 500 SM12261 RS00945 WP 000249545.1
NTDB id 270 KZH43 RS09265 WP 000249564.1
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NTDB id 61852 SCR2 RS08595 WP 006268058.1
NTDB id 429 SGO RS09420 WP 012130942.1
consensus

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