

NTDB	id	617	LCA	RS06480	WP	011375001.1	.MSTEEKLTTLLKHCAKQRVQDLYFTPTIGGWRLTERRQSDLVTNQELDKPTGTRYLNRLKYMAGMDISETTRAQTGRSELQLAD	84
NTDB	id	586	KW2	RS10855	WP	011836048.1	..MVQKKKAQELIQKAIEMEASDIYLIASGNLYKIYIRQQLGRTLTeevNQeIGLALLTHFKFLAGMNTGERRRVQLGACWYELEEG	83
NTDB	id	24517	M5005	RS00645	WP	010921798.1	..MVQALAKAILAKAEQVHAQDIYILPRADDYDLFLRIGDERRLVDVYQSDRMAPLISHFKFVAGMTVG EKRRQCVGSCDYKL SK	83
NTDB	id	584	DLJ51	RS00890	WP	019777327.1	MVEVQELGKGLIRQAVEEQAQDIYILLPKPAVKYILFRFGKEKRHLITQCPEEQAAGLISHFKFLAGMNVGEKRRQLGACDYAFAD	85
NTDB	id	394	FSA28	RS09405	WP	002291652.1	..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHFFMANLISHFKFVAGMNVGEKRRSQLGSCDSYDE	83
NTDB	id	385	SMU	RS09035	WP	002263435.1	..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHFFMANLISHFKFVAGMNVGEKRRSQLGSCDSYDE	83
NTDB	id	429	SGO	RS09420	WP	012130942.1	..MVQKIAQAIIVRQAKEECAQDIYFVPKDDCYELYMRI GDERRFIQT YDFDQLAAVISHFKFLAGMNVGEKRRSQLGSCDYRYDD	83
NTDB	id	500	SM12261	RS00945	WP	000249545.1	..MVQEIAQEIIIRSARKKGTAQDIYFV PKLDAYELHMRVGD ERCKIGSYDFEKF AAVISHFKFVAGMNVGEKRRSQLGSCDY EYDQ	83
NTDB	id	270	KZH43	RS09265	WP	000249564.1	..MVQEIAQEIIIRSARKKGTQDIYFV PKLDAYELHMRVGD ERCKIGSYDFEKF AAVISHFKFVAGMNVGEKRRSQLGSCDY AYDH	83
NTDB	id	229	SPD	RS09895	WP	000249564.1	..MVQEIAQEIIIRSARKKGTQDIYFV PKLDAYELHMRVGD ERCKIGSYDFEKF AAVISHFKFVAGMNVGEKRRSQLGSCDY AYDH	83
NTDB	id	195	SPR	RS09430	WP	000249564.1	..MVQEIAQEIIIRSARKKGTQDIYFV PKLDAYELHMRVGD ERCKIGSYDFEKF AAVISHFKFVAGMNVGEKRRSQLGSCDY AYDH	83
NTDB	id	160	SP	RS10380	WP	000249564.1	..MVQEIAQEIIIRSARKKGTQDIYFV PKLDAYELHMRVGD ERCKIGSYDFEKF AAVISHFKFVAGMNVGEKRRSQLGSCDY AYDH	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	Q	R	L	L	E	L	C	L	S	D	W		250	
NTDB	id	24517	M5005	RS00645	WP	010921798.1	P	V	E	I	K	N	H	Q	I	L	Q	L	Q	V	N	D	I	G	M	T	Y	D	N	L	I	K	L	S	L	R	H	R	P	D	T	L	V	I	G	E	I	R	D	S	T	A	R	A	V	I	R	A	S	L	T	G	A	M	V	F	S	T	I	H	A	S	I	P	G	V	A	R	L	L	E	L	G	V	T	K	A		252		
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	R	E	T	A	Q	A	V	I	R	A	S	L	T	G	I	R	V	F	S	T	I	H	A	S	I	P	G	V	A	R	L	L	E	L	G	V	S	D		254		
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	D	M	T	Y	D	N	L	I	K	L	S	L	R	H	R	P	D	T	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	S	I	P	G	V	A	R	L	L	E	L	C	T	S	S	E		252	
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	D	M	T	Y	D	N	L	I	K	L	S	L	R	H	R	P	D	T	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	S	I	P	G	V	A	R	L	L	E	L	C	T	S	S	E		252	
NTDB	id	429	SGO	RS09420	WP	012130942.1	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	T	I	G	L	T	Y	E	S	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	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	S	I	P	G	V	E	R	L	L	E	L	G	V	S	E		251	
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	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	S	I	P	G	V	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																																																																								

logo



X non conserved
X similar
X ≥ 50% conserved