

NTDB	id	617	LCA	RS06480	WP	011375001.1	.MSTEEKLTTLLKHCAKQRVQDLYFTPTIGGWRLTERRQSDLVTNQELDKPTGTRYLNRLKYMAGMDISETTRAQTGRSELQLAD	84
NTDB	id	586	KW2	RS10855	WP	011836048.1	..MVQKKKAQELIQKAIEMEASDIYLIASGNLYKIYIRQQLGRTLTEEVNQEIGLALLTHFKFLAGMNTGERRRVQLGACWVELEG	83
NTDB	id	584	DLJ51	RS00890	WP	019777327.1	MVEVQELGKELIRQAVEEQAQDIYLLPCKPAVYKIYLRFGKEKRLITCPPEQAAGLISHFKFLAGMNVGEKRRSQLGACDYAFAD	85
NTDB	id	385	SMU	RS09035	WP	002263435.1	..MVQKLGKRIIAEAVQNKAAQDIYIIPKKESEYELMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQLGSCDYSDE	83
NTDB	id	394	FSA28	RS09405	WP	002291652.1	..MVQKLGKRIIAEAVQNKAAQDIYIIPKKESEYELMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQLGSCDYSDE	83
NTDB	id	500	SM12261	RS00945	WP	000249545.1	..MVQEIAQEIIIRSAKKGAQDIYFVPKLDAYELHMRVGDERCKIGCYDFEKFKAIVISHFKFVAGMNVGEKRRSQLGSCDYEYDQ	83
NTDB	id	270	KZH43	RS09265	WP	000249564.1	..MVQEIAQEIIIRSAKKGGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFKAIVISHFKFVAGMNVGEKRRSQLGSCDYAYDH	83
NTDB	id	229	SPD	RS09895	WP	000249564.1	..MVQEIAQEIIIRSAKKGGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFKAIVISHFKFVAGMNVGEKRRSQLGSCDYAYDH	83
NTDB	id	195	SPR	RS09430	WP	000249564.1	..MVQEIAQEIIIRSAKKGGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFKAIVISHFKFVAGMNVGEKRRSQLGSCDYAYDH	83
NTDB	id	160	SP	RS10380	WP	000249564.1	..MVQEIAQEIIIRSAKKGGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFKAIVISHFKFVAGMNVGEKRRSQLGSCDYAYDH	83
NTDB	id	39313	SCR2	RS08595	WP	006268058.1	..MVQNIQAIIICQAKEERAQDIYFVPKENVYELMRIGDERRFIRNYGFEELAAVISHFKFTAGMNVGEKRRSQLGSCDYQYSD	83
NTDB	id	429	SGO	RS09420	WP	012130942.1	..MVQKIIQAIVRQAKEECQAQDIYFVPKDCYELMRIGDERRFIQTYDFDQLAAVISHFKFLAGMNVGEKRRSQLGSCDYRYD	83
consensus							*****	83

NTDB	id	617	LCA	RS06480	WP	011375001.1	Q.TIYLRRLATVGDFLNRESLVIRFIYPIGAIYHCD	QQLAQLTQMSRQSGLIIFAGPTSGGKTTSLYH	LAQQSMSAKMVAIED	168
NTDB	id	586	KW2	RS10855	WP	011836048.1	SSAKRLRLSTVGDFFEGNESLVIRLLHDDQKQ	LELFWFD.DK.LQDFRCKRGLYLFAGPVGSGKT	SLMFDLAHRHFSNAQVITIE	165
NTDB	id	584	DLJ51	RS00890	WP	019777327.1	GETAALRLSTVGDYQGRESLVIRLLFDRKRELK	FWFD.GLINALPKIIGRGLYLFSGPVGSGKTT	LMYELVSRKYPDSQITIED	169
NTDB	id	385	SMU	RS09035	WP	002263435.1	GKVISLRSSVGDYRGYESLVIRLLFSGRHDLK	FWFN.SMDLLTNEIKRGLYLFSGPVGSGKT	SLMYQLVLRKFETKQVITIED	167
NTDB	id	394	FSA28	RS09405	WP	002291652.1	GKVISLRSSVGDYRGYESLVIRLLFSGRHDLK	FWFN.SMDLLTNEIKRGLYLFSGPVGSGKT	SLMYQLVLRKFETKQVITIED	167
NTDB	id	500	SM12261	RS00945	WP	000249545.1	K.MASRLRLSTVGDYRGHESLVIRLLHDEEQ	DLHFWFQ.DIEELGKQYRQRGLYLFAGPVG	SGKTTLMHLELAKSLFKCQQVMSIED	166
NTDB	id	270	KZH43	RS09265	WP	000249564.1	K.IASRLRLSTVGDYRGHESLVIRLLHDEEQ	DLHFWFQ.DIEELGKQYRQRGLYLFAGPVG	SGKTTLMHLELAKSLFKCQQVMSIED	166
NTDB	id	229	SPD	RS09895	WP	000249564.1	K.IASRLRLSTVGDYRGHESLVIRLLHDEEQ	DLHFWFQ.DIEELGKQYRQRGLYLFAGPVG	SGKTTLMHLELAKSLFKCQQVMSIED	166
NTDB	id	195	SPR	RS09430	WP	000249564.1	K.IASRLRLSTVGDYRGHESLVIRLLHDEEQ	DLHFWFQ.DIEELGKQYRQRGLYLFAGPVG	SGKTTLMHLELAKSLFKCQQVMSIED	166
NTDB	id	160	SP	RS10380	WP	000249564.1	K.IASRLRLSTVGDYRGHESLVIRLLHDEEQ	DLHFWFQ.DIEELGKQYRQRGLYLFAGPVG	SGKTTLMHLELAKSLFKCQQVMSIED	166
NTDB	id	39313	SCR2	RS08595	WP	006268058.1	K.KTSLRLSTVGDYRGYESLVIRLLHDEEA	ELKFWFA.QIPELKERFKRGLYLFSGPVG	SGKTTLMHQLAQERFAMQITMSIED	166
NTDB	id	429	SGO	RS09420	WP	012130942.1	K.ETSLRLSTVGDYRGYESLVIRLLHDEET	ELKFWFT.HFPELREKFKRGLYLFSGPVG	SGKTTLMHQLAQLKFKCQQVMSIED	166
consensus							* * * * *	* * * * *	* * * * *	

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	P	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	S	I	P	G	V	Y	A	R	L	E	L	G	V	S	E	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	E	S	I	D	M	T	Y	D	N	L	I	K	L	S	L	R	H	R	P	D	L	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	Y	A	R	M	L	E	L	G	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	E	S	I	D	M	T	Y	D	N	L	I	K	L	S	L	R	H	R	P	D	L	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	Y	A	R	M	L	E	L	G	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	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	S	I	R	G	V	Y	E	R	L	L	E	L	G	V	S	E		251		
NTDB	id	229	SPD	RS09895	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	S	I	R	G	V	Y	E	R	L	L	E	L	G	V	S	E		251		
NTDB	id	195	SPR	RS09430	WP	000249564.1	P	V	E	I	K																																																																																	

logo



X non conserved
X similar
X ≥ 50% conserved