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NTDB id 1177 A1552VC RS01165 WP 000422572.1
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NTDB id 1185 GTF74 RS11940 WP 000350195.1
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NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
NTDB id 267358 C2U32 RS000180 WP 031984862.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HQN27 RS13360 WP 000355489.1
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	M	D	I	T	E	L	A	F	S	V	K	N	G	A	S	D	L	H	S	A	G	V	P	P	M	R	V	D	G	E	V	R	R	I	N	L	P	A	L	E	H	K	D	V	H	R	L	V	Y	D	I	M	N	D	K	R	R	D	Y	E	E	K	L	E	T	D	F	S	F	E	V	P					
MTSG	E	F	E	K	L	L	R	L	M	V	E	K	G	S	D	L	F	I	T	A	G	V	P	P	S	M	K	V	N	G	K	I	L	P	V	N	K	T	P	M	S	P	E	M	T	R	E	T	V	H	G	V	M	N	E	Q	Q	R	R	E	F	T	N	H	E	C	N	F	A	I	S	A	R				
....	M	E	L	N	Q	Y	L	D	G	M	L	T	H	K	A	S	D	L	I	T	T	V	G	A	P	I	L	Y	R	V	D	G	E	L	R	A	Q	G	E	A	L	.	S	V	A	D	V	T	A	L	.	L	H	A	M	M	D	A	R	Q	A	E	F	K	Q	T	R	E	A	N	F	A	V	V	R	D	
....	M	E	F	E	K	L	L	R	L	M	V	E	K	G	S	D	L	F	I	T	A	G	V	P	P	S	M	K	V	N	G	K	I	L	P	V	N	K	T	P	M	S	P	E	M	T	R	E	T	V	H	G	V	M	N	E	Q	Q	R	R	E	F	T	N	H	E	C	N	F	A	I	S	A	R			
....	M	D	F	N	D	L	L	N	L	M	A	K	H	K	A	S	D	L	F	I	T	A	G	V	E	P	S	L	K	I	N	G	E	I	T	P	V	S	K	T	K	L	D	G	M	I	A	Q	L	I	D	S	I	T	T	Q	K	Q	R	Q	E	F	I	E	T	H	E	C	N	F	A	I	L	N	R		
MTSGI	D	I	T	D	I	L	R	L	A	A	D	K	G	A	S	D	I	L	A	A	G	I	P	P	Q	F	K	L	S	G	D	Y	A	G	F	E	P	L	S	A	S	D	T	R	K	L	M	Y	S	M	N	N	R	Q	J	R	I	F	E	E	K	L	E	D	F	S	F	E	L	P							
....	M	Q	I	T	D	L	L	A	F	G	A	K	N	K	A	S	D	L	H	L	S	G	I	S	P	M	I	R	V	H	G	D	M	R	R	I	N	L	P	E	M	S	A	E	V	G	N	M	V	T	S	V	M	N	D	H	Q	R	K	I	Y	Q	N	L	E	V	D	F	S	F	E	L	P				
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. . SGRFRVSAFFQRELPGAVIRRIETIRIPTFEELKLPEVLQNLAI AKRGLVLVVGATGSGKSTTMAAMTGYRNQHRITGHI 153
 G. IGRFRVSAFYQRNLACMVLRRITETNIPTIEDLKLDPVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGYRNKNSSGHI 155
 EKNERFRVSAFQQRDMPGCMVIRRIETKIPSPDDLHLPILIKELAMSKRGIIIFSGATGTGKSTSLASMIQHRNQHSKGHI 156
 D. KARFRVNAFMQRGNVQGMRLIPTITVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKLHI 159
 N. VARFRVNAFNIIRGPAAVFRTIPSTVLSLEELKAPSIFFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI 155
 N. VARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIFFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI 155
 N. VGRFRVNAFHQAARGCSAVFRTIPTVTIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHNNKHI 155
 N. VGRFRVNAFHQAARGCSAVFRTIPTVTIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHNNKHI 155
 N. LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI 155
 N. LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI 155
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 N. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDCIDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYDHI 155

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consensus



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consensus



logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKKISEQDALHSADSANDLRLMLKTK.RGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLG.SETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR....	381
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NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGLIAPEVARRRAQNSESMSF.....	347
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NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDSCCLKGLIAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDMCLKGLVAKGLISRARENAREKAKIP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKQLIAKGIINLPTARAVAKSP.ESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
NTDB id 267358 C2U32 RS00180 WP 031984862.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
consensus	!*** * !* ***** * *	

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	APATPAAPAAAGRSEPCGRACCGRR	368
NTDB id 1203 PSJM300 01605 AFN76401.1		381
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NTDB id 1116 NGFG RS10615 WP 003690200.1		347
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NTDB id 1040 HON27 RS13360 WP 000355489.1		345
consensus		

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved