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NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
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NTDB id 1185 GTF74 RS11940 WP 000350195.1
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NTDB id 1259 GC085 RS10305 WP 010947729.1
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NTDB id 1194 PAKAF RS01995 WP 003084552.1
NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 230067 AB895 RS11750 WP 000355489.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
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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	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	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	Y	I	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	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		
MTSGID	D	I	T	D	I	L	R	L	A	A	D	K	G	A	S	D	I	L	A	A	G	L	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 AKRGLVLVVGATGSGKSTTMAAMTG YRNQHR TGH I 153
 G. IGRFRVSAFYQRNLACMVLRRRIETNIPTIEDLKLDPVLKKLALTKRGLVLVFGATGTGKSTSLAAMI G YRNKNSSGHI 155
 EKNERFRVSAFQQRDMPGCMVIRRIETKIPSPDDLHLPILIKELAMSKRGITIFSCATGTGKSTSLASMIQHRNQHSKGHI 156
 D. KARFRVNAFMQRGNVGVMLRIPITVIRITIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLA SMIDHINTT KLKHI 159
 N. VARFRVNAFNI GRGPA AVFRTIPSTVLSLEELKAPSI FQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI 155
 N. VARFRVNAFNTGRGPA AVFRTIPSTVLSLEELKAPSI FQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI 155
 N. VGRFRVNAFHQARGCSAVFRTIPTV IPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHNNKHI 155
 N. VGRFRVNAFHQARGCSAVFRTIPTV IPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHNNKHI 155
 N. LARFRVNAFNQSRGAA AVFRTIPSEILSMEDLGLPI FKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI 155
 N. LARFRVNAFNQSRGAA AVFRTIPSEILSMEDLGLPI FKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI 155
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 N. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDCIDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYDHI 155
 N. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDCIDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYDHI 155

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consensus

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consensus

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logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSANDLRLMLKTK.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
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQGLIAPEAARRRAQNSESMSF.....	347
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NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELNVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELNVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDQSLKGLIAKGLISRDSAKEKAKQP.ENF.....	344
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NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKGLIAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 230067 AB895 RS11750 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
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NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
consensus	!*** * !* ***** * *	

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	APATPAAPAAAGRSEPGRAGGFGRR	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 1176 A1552VC RS01160 WP 000350195.1		345
NTDB id 1283 ACE17W RS02630 WP 010947729.1		344
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consensus		

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