

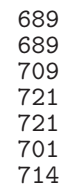
[illegible]

NTDB id	1257	GC085	RS04855	WP	163621000.1	QLGSLHSYNIIVAVGDVRAIIELDRSVSYSGTAGSVYSVLVNGKSNDLFENSKEVFIT.....NQVVNAKHETK	153
NTDB id	1284	ACE17W	RS12370	WP	010946666.1	QLGSLHSYNIIVAVGDVRAIIELDRSVSYSGTAGSVYSVLVNGKSNDLFENSKEVFIT.....NQVVNAKHETK	153
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	TTEASSIDVSSDDKRARVVVNLDAGAFTRVEGVNFIILKINNIQSTAT.....PVAT.....SAPAPQGIG	146
NTDB id	1039	HON27	RS01460	WP	031993779.1	ATNEASSVDVTSDDQRSRLTVNLKDAGFTTRVEGNTHFILKINSAQTSNK.....PLPV.....VS.AQPQGV	145
NTDB id	1052	ABD1	RS15850	WP	001017033.1	ATNEASSVDVTSDDQRSRLTVNLKDAGFTTRVEGNTHFILKINSAQTSNK.....PLPV.....VS.AQPQGV	145
NTDB id	74895	KUIN1	RS02225	WP	003403035.1	GTCNARSVVVVQAQDRTRVIIINLTTLSPYSSSRVDGNNLFFVVGGAAGAQAASQPTTAMGAQRVAVPPTPASAKPFTPACVKAIR	166
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	SVGNTRSVMVVEAKDRTLRIINLTTLSSYTTRVEGNLFFVVGNSPAGASVASTA.PVKASPASYAQPIKPYPVPC.RAIR	164
consensus							
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[illegible]

NTDB id 1257	GC085	RS04855	WP 163621000.1	VYQV	VNKQFM	V	V	F	P	L	T	A	E	E	I	R	Q	A	K	L	K	K	Q	V	F	T	G	K	R	I	S	L	N	F	Q	N	I	S	T	R	A	V	L	Q	L	L	A	D	F	T	G	I	N	M	V	V	S	D	K	V	Q	G	D	I	T	L	R	L	N	D	I	P	W	D	Q	A	L	D	I	I	323								
NTDB id 1284	ACE17W	RS12370	WP 010946666.1	VYQV	VNKQFM	V	V	F	P	L	T	A	E	E	I	R	Q	A	K	L	K	K	Q	V	F	T	G	K	R	I	S	L	N	F	Q	N	I	S	T	R	A	V	L	Q	L	L	A	D	F	T	G	I	N	M	V	V	S	D	K	V	Q	G	D	I	T	L	R	L	N	D	I	P	W	D	Q	A	L	D	I	I	323								
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	A	Y	A	A	E	N	K	L	T	I	S	L	K	R	P	Q	D	K	.	V	R	L	S	K	N	N	Y	T	G	K	R	I	S	L	D	F	Q	D	I	E	V	R	R	V	L	Q	L	L	A	D	F	T	N	I	N	M	V	T	A	D	S	V	Q	G	N	I	T	L	R	L	K	D	V	P	W	D	Q	A	L	D	I	I	315			
NTDB id 1039	HON27	RS01460	WP 031993779.1	A	Y	A	A	E	N	K	L	T	I	S	L	K	R	P	Q	D	K	.	N	V	T	S	L	Y	K	T	P	N	Y	S	G	N	K	L	S	L	D	F	Q	D	I	E	V	R	R	V	L	Q	L	L	A	D	F	T	G	I	N	M	V	A	A	D	S	V	Q	G	N	I	T	L	R	L	K	D	V	P	W	D	Q	A	L	D	I	I	314
NTDB id 1052	ABD1	RS15850	WP 001017033.1	A	Y	A	A	E	N	K	L	T	I	S	L	K	R	P	Q	D	K	.	N	V	T	S	L	Y	K	T	P	N	Y	S	G	N	K	L	S	L	D	F	Q	D	I	E	V	R	R	V	L	Q	L	L	A	D	F	T	G	I	N	M	V	A	A	D	S	V	Q	G	N	I	T	L	R	L	K	D	V	P	W	D	Q	A	L	D	I	I	314
NTDB id 74895	KUIN1	RS02225	WP 003403035.1	A	F	Q	T	E	N	K	L	T	I	S	V	R	P	L	T	N	E	D	L	D	R	R	A	A	D	K	P	V	Y	T	G	E	K	L	S	L	N	F	Q	D	I	D	V	R	S	V	L	Q	L	I	A	D	F	T	N	L	N	L	V	A	S	D	T	V	Q	G	I	T	L	R	L	Q	N	V	P	W	D	Q	A	L	D	I	I	336	
NTDB id 1193	PAKAF	RS26665	WP 003161249.1	V	Y	Q	T	D	N	R	L	T	V	S	I	K	P	M	T	E	D	A	E	R	R	K	K	D	N	F	A	Y	T	G	E	K	L	S	L	N	F	Q	D	I	D	V	R	S	V	L	Q	L	I	A	D	F	T	N	L	N	L	V	A	S	D	T	V	Q	G	N	I	T	L	R	L	Q	N	V	P	W	D	Q	A	L	D	I	I	334	
consensus				V	Y	Q	T	D	N	R	L	T	V	S	I																																																																										


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NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.
NTDB id 1009 ACIAD RS15175 WP 004923730.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 74895 KUIN1 RS02225 WP 003403035.1
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consensus
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NTDB id 1009 ACIAD RS15175 WP 004923730.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
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NTDB id 1193 PAKAF RS26665 WP 003161249.1
consensus
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EGREKDVYK	698
EGREKDVYK	698
EGREKDVYK	709
.	721
.	721
.	701
.	714

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