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NTDB id 1272 LPP RS04360 WP 010946546.1	MQYSMRFWKKNKY.....FVLIMLCL..G.....VISPSV	0
NTDB id 1249 GC085 RS04230 WP 010946546.1	MQYSMRFWKKNKY.....FVLIMLCL..G.....VISPSV	0
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	MQYSMRFWKKNKY.....FVLIMLCL..G.....VISPSV	0
NTDB id 1150 A1552VC RS08580 WP 001166105.1	MQYSMRFWKKNKY.....FVLIMLCL..G.....VISPSV	0
NTDB id 1294 VP RS04495 WP 021449594.1	MQYSMRFWKKNKY.....FVLIMLCL..G.....VISPSV	0
NTDB id 1069 ABD1 RS03060 WP 043960841.1	MQYSMRFWKKNKY.....FVLIMLCL..G.....VISPSV	27
NTDB id 1041 HON27 RS14740 WP 005124713.1	MQYSMRFWKKNKY.....FVLIMLCL..G.....VISPSV	27
NTDB id 105 BSU 25590 NP 390437.1	MNWLNQHKKAIIAASAAVFTAIMIFLATGKNKEPVKQAVPTETENTVVVKQEANNDESNETIVIDIKGAVQHPGV	75
NTDB id 1127 NGFG RS10560 WP 003703428.1	MNWLNQHKKAIIAASAAVFTAIMIFLATGKNKEPVKQAVPTETENTVVVKQEANNDESNETIVIDIKGAVQHPGV	0
NTDB id 1126 NGFG RS09375 WP 003703428.1	MNWLNQHKKAIIAASAAVFTAIMIFLATGKNKEPVKQAVPTETENTVVVKQEANNDESNETIVIDIKGAVQHPGV	0
NTDB id 1125 NGFG RS07215 WP 003703428.1	MNWLNQHKKAIIAASAAVFTAIMIFLATGKNKEPVKQAVPTETENTVVVKQEANNDESNETIVIDIKGAVQHPGV	0
NTDB id 1108 NGFG RS06525 WP 003703428.1	MNWLNQHKKAIIAASAAVFTAIMIFLATGKNKEPVKQAVPTETENTVVVKQEANNDESNETIVIDIKGAVQHPGV	0
NTDB id 28792 CHAB381 RS00360 WP 041570433.1	MNWLNQHKKAIIAASAAVFTAIMIFLATGKNKEPVKQAVPTETENTVVVKQEANNDESNETIVIDIKGAVQHPGV	0
NTDB id 1242 Cj0011c YP 002343483.1	MNWLNQHKKAIIAASAAVFTAIMIFLATGKNKEPVKQAVPTETENTVVVKQEANNDESNETIVIDIKGAVQHPGV	0
consensus	MNWLNQHKKAIIAASAAVFTAIMIFLATGKNKEPVKQAVPTETENTVVVKQEANNDESNETIVIDIKGAVQHPGV	

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NTDB id 1272 LPP RS04360 WP 010946546.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	50
NTDB id 1249 GC085 RS04230 WP 010946546.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	50
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	53
NTDB id 1150 A1552VC RS08580 WP 001166105.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	53
NTDB id 1294 VP RS04495 WP 021449594.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	44
NTDB id 1069 ABD1 RS03060 WP 043960841.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	87
NTDB id 1041 HON27 RS14740 WP 005124713.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	87
NTDB id 105 BSU 25590 NP 390437.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	155
NTDB id 1127 NGFG RS10560 WP 003703428.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	64
NTDB id 1126 NGFG RS09375 WP 003703428.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	64
NTDB id 1125 NGFG RS07215 WP 003703428.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	64
NTDB id 1108 NGFG RS06525 WP 003703428.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	64
NTDB id 28792 CHAB381 RS00360 WP 041570433.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	30
NTDB id 1242 Cj0011c YP 002343483.1	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	30
consensus	MSRGGATPY.....RFLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.....VNINTASKEELM	

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NTDB id 1272 LPP RS04360 WP 010946546.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	105
NTDB id 1249 GC085 RS04230 WP 010946546.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	105
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	103
NTDB id 1150 A1552VC RS08580 WP 001166105.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	103
NTDB id 1294 VP RS04495 WP 021449594.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	94
NTDB id 1069 ABD1 RS03060 WP 043960841.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	136
NTDB id 1041 HON27 RS14740 WP 005124713.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	136
NTDB id 105 BSU 25590 NP 390437.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	205
NTDB id 1127 NGFG RS10560 WP 003703428.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	131
NTDB id 1126 NGFG RS09375 WP 003703428.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	131
NTDB id 1125 NGFG RS07215 WP 003703428.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	131
NTDB id 1108 NGFG RS06525 WP 003703428.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	131
NTDB id 28792 CHAB381 RS00360 WP 041570433.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	83
NTDB id 1242 Cj0011c YP 002343483.1	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	79
consensus	GSPKIGGKKRAEAIAYRENHQQGFKSLEELAEVKGIGQRFVDKNREKLEIFVIN.....	

 non conserved
 similar
 $\geq 50\%$ conserved