

logo

NTDB id 973451 WJM97 RS00970 WP 353931212.1	MAKPKTIFICNKCGAEFSQWFGKCANCDTYDSLVEENATPFGVDIPTKGGVG	80
NTDB id 125 BSU 00870 NP 387968.1	MAKPKTIFICNKCGAEFSQWFGKCANCDTYDSLVEENATPFGVDIPTKGGVG	
NTDB id 537 SMSK321 RS07120 WP 080550752.1	MAKPKTIFICNKCGAEFSQWFGKCANCDTYDSLVEENATPFGVDIPTKGGVG	65
NTDB id 509 SM12261 RS00130 WP 078228442.1	MAKPKTIFICNKCGAEFSQWFGKCANCDTYDSLVEENATPFGVDIPTKGGVG	62
NTDB id 279 KZH43 RS00140 WP 074017595.1	MAKPKTIFICNKCGAEFSQWFGKCANCDTYDSLVEENATPFGVDIPTKGGVG	62
NTDB id 238 SPD RS00140 WP 074017595.1	MAKPKTIFICNKCGAEFSQWFGKCANCDTYDSLVEENATPFGVDIPTKGGVG	62
NTDB id 204 SPR RS00140 WP 074017595.1	MAKPKTIFICNKCGAEFSQWFGKCANCDTYDSLVEENATPFGVDIPTKGGVG	62
NTDB id 169 SP RS00155 WP 074017595.1	MAKPKTIFICNKCGAEFSQWFGKCANCDTYDSLVEENATPFGVDIPTKGGVG	62
consensus	MAKPKTIFICNKCGAEFSQWFGKCANCDTYDSLVEENATPFGVDIPTKGGVG	

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NTDB id 973451 WJM97 RS00970 WP 353931212.1	TSINVRKTMEEFNRLGGGVPGSLVLIGGDPGIGKSTLLQVSTQLSQV	159
NTDB id 125 BSU 00870 NP 387968.1	TSINVRKTMEEFNRLGGGVPGSLVLIGGDPGIGKSTLLQVSTQLSQV	145
NTDB id 537 SMSK321 RS07120 WP 080550752.1	TSINVRKTMEEFNRLGGGVPGSLVLIGGDPGIGKSTLLQVSTQLSQV	141
NTDB id 509 SM12261 RS00130 WP 078228442.1	TSINVRKTMEEFNRLGGGVPGSLVLIGGDPGIGKSTLLQVSTQLSQV	141
NTDB id 279 KZH43 RS00140 WP 074017595.1	TSINVRKTMEEFNRLGGGVPGSLVLIGGDPGIGKSTLLQVSTQLSQV	141
NTDB id 238 SPD RS00140 WP 074017595.1	TSINVRKTMEEFNRLGGGVPGSLVLIGGDPGIGKSTLLQVSTQLSQV	141
NTDB id 204 SPR RS00140 WP 074017595.1	TSINVRKTMEEFNRLGGGVPGSLVLIGGDPGIGKSTLLQVSTQLSQV	141
NTDB id 169 SP RS00155 WP 074017595.1	TSINVRKTMEEFNRLGGGVPGSLVLIGGDPGIGKSTLLQVSTQLSQV	141
consensus	TSINVRKTMEEFNRLGGGVPGSLVLIGGDPGIGKSTLLQVSTQLSQV	

logo

NTDB id 973451 WJM97 RS00970 WP 353931212.1	S	239
NTDB id 125 BSU 00870 NP 387968.1	S	189
NTDB id 537 SMSK321 RS07120 WP 080550752.1	S	185
NTDB id 509 SM12261 RS00130 WP 078228442.1	S	185
NTDB id 279 KZH43 RS00140 WP 074017595.1	S	185
NTDB id 238 SPD RS00140 WP 074017595.1	S	185
NTDB id 204 SPR RS00140 WP 074017595.1	S	185
NTDB id 169 SP RS00155 WP 074017595.1	S	185
consensus	S	

logo

NTDB id 973451 WJM97 RS00970 WP 353931212.1	SVSQVREVTAEMLQAKTNNIAIFIVGHVTKEGTLAGPRMLEHMDTVLYFEGE	319
NTDB id 125 BSU 00870 NP 387968.1	SVSQVREVTAEMLQAKTNNIAIFIVGHVTKEGTLAGPRMLEHMDTVLYFEGE	269
NTDB id 537 SMSK321 RS07120 WP 080550752.1	SVSQVREVTAEMLQAKTNNIAIFIVGHVTKEGTLAGPRMLEHMDTVLYFEGE	265
NTDB id 509 SM12261 RS00130 WP 078228442.1	SVSQVREVTAEMLQAKTNNIAIFIVGHVTKEGTLAGPRMLEHMDTVLYFEGE	265
NTDB id 279 KZH43 RS00140 WP 074017595.1	SVSQVREVTAEMLQAKTNNIAIFIVGHVTKEGTLAGPRMLEHMDTVLYFEGE	265
NTDB id 238 SPD RS00140 WP 074017595.1	SVSQVREVTAEMLQAKTNNIAIFIVGHVTKEGTLAGPRMLEHMDTVLYFEGE	265
NTDB id 204 SPR RS00140 WP 074017595.1	SVSQVREVTAEMLQAKTNNIAIFIVGHVTKEGTLAGPRMLEHMDTVLYFEGE	265
NTDB id 169 SP RS00155 WP 074017595.1	SVSQVREVTAEMLQAKTNNIAIFIVGHVTKEGTLAGPRMLEHMDTVLYFEGE	265
consensus	SVSQVREVTAEMLQAKTNNIAIFIVGHVTKEGTLAGPRMLEHMDTVLYFEGE	

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NTDB id 973451 WJM97 RS00970 WP 353931212.1
NTDB id 125 BSU 00870 NP 387968.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
consensus



399
349
345
345
345
345
345
345
345

logo

NTDB id 973451 WJM97 RS00970 WP 353931212.1
NTDB id 125 BSU 00870 NP 387968.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
consensus



479
429
425
425
425
425
425
425
425

logo

NTDB id 973451 WJM97 RS00970 WP 353931212.1
NTDB id 125 BSU 00870 NP 387968.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
consensus



520
458
453
453
453
453
453
453
453

X non conserved
X similar
X ≥ 50% conserved