

NTDB id 598 KW2 RS08500 WP 021037660.1	MRTAIDENNNKIIINLLELDRKELTGKIFYCPSCHSELLIKNGQIKVLHFAHKSLSKCNLWLENESQHLGLKKILYQWFKHTDKVET	85
NTDB id 49689 SSU12 RS05800 WP 012027201.1	MLVALDEDGQVFNVLE..NPAPQGSFSCPGCGGLVRYKSGCKVLRSHFAHVTLRDCHYFSENESAQHLSLKSCLYRWLVNAEQVQL	83
NTDB id 155 SP RS04850 WP 000495909.1	MFVARDARGELNVNLE..DKLEKQAYTCACGGQLHLRQGSPVTRTHFAHKSCLKDCDFFENESPEHLANKESLYHWLKKETKVQL	83
NTDB id 265 KZH43 RS04315 WP 000495911.1	MFVARDARGELNVNLE..DKLEKQAYTCACGGQLHLRQGSPVTRTHFAHKSCLKDCDFFENESPEHLANKESLYHWLKKETKVQL	83
NTDB id 224 SPD RS04655 WP 000495911.1	MFVARDARGELNVNLE..DKLEKQAYTCACGGQLHLRQGSPVTRTHFAHKSCLKDCDFFENESPEHLANKESLYHWLKKETKVQL	83
NTDB id 190 SPR RS04415 WP 000495911.1	MFVARDARGELNVNLE..DKLEKQAYTCACGGQLHLRQGSPVTRTHFAHKSCLKDCDFFENESPEHLANKESLYHWLKKETKVQL	83
NTDB id 495 SM12261 RS04415 WP 000495920.1	MFVARDSRGELNVNLE..DKLEKQAYTCACGGQLRLRQGSPVTRIHFHAKTLKDCDFSSENESPEHLENKEVLYHWLKKAEVQL	83
consensus	***** *****	

NTDB id 598 KW2 RS08500 WP 021037660.1	ERYLP EL NPQR PD ILVNDKIA IE IEIQCSHLSIKRLKERTENYKTHGFKVLWLMGKD LW LA EQ VTE LQ KNLVYFSENRGFHYWELDFQ	170
NTDB id 49689 SSU12 RS05800 WP 012027201.1	EKCL TS IGQVADLFVNNSLAL EV QC SG LPISRLQLR TQ AYSEAGYQVLWLLGKD LW LKERL TN LHKQFLSFSMNMGFH I WELDD E	168
NTDB id 155 SP RS04850 WP 00049509.1	EYPLSELKQIADVFVNGNLAL EV QC SP LPQKVLKERSEGYRSQGYQVLWLLGQKLW LKERL TRL QQG FLYFSQNMGFYVWELDK E	168
NTDB id 265 KZH43 RS04315 WP 000495911.1	EYPLSELKQIADVFVNGNLAL EV QC SP LPQKVLKERSEGYRSQGYQVLWLLGQKLW LKERL TRL QQG FLYFSQNMGFYVWELDKG	168
NTDB id 224 SPD RS04655 WP 000495911.1	EYPLSELKQIADVFVNGNLAL EV QC SP LPQKVLKERSEGYRSQGYQVLWLLGQKLW LKERL TRL QQG FLYFSQNMGFYVWELDKG	168
NTDB id 190 SPR RS04415 WP 000495911.1	EYPLSELKQIADVFVNGNLAL EV QC SP LPQKVLKERSEGYRSQGYQVLWLLGQKLW LKERL TRL QQG FLYFSQNMGFYVWELDKG	168
NTDB id 495 SM12261 RS04415 WP 000495920.1	EYLLP EL KQIADVFVNGNLAL EV QC SP LPQKVLKERSEGYRSQGYQVLWLLGK LW LKERLTRL QQG FLYFSQNMGFYVWELDSE	168
consensus	!!L!LPELKNPQRPDILVNDKIAIEIEIQCSHLSIKRLKERTENYKTHGFKVLWLMGKD LW LA EQ VTE LQ KNLVYFSENRGFHYWELDFQ	

NTDB id 598	KW2 RS08500 WP 021037660.1	RKKLRKLSLIHEDLRGRIICLQEEIPFGKGRLIAHLRLPYLAQKLVKIPITFKDSKLSSFIRQQLYYQSPKWMKIQEKYYQKGENL	255
NTDB id 49689	SSU12 RS05800 WP 012027201.1	KKELRRLRYLIHEDLRGKVHCLTKVFPFEGGNLLDILRLPFAKQALSHLTCPDLRDLPRYIAQQLYYKSPNWLLALQAEYSYRGENL	253
NTDB id 155	SP RS04850 WP 000495909.1	KQVLRRLKYLIIQDLRGKLHYQIKEFSYGGGSLLLEILRLPYKKQKISHFTVSEDKDICYRIRQQLYYQNLFWMKEQAEAYQKGENI	253
NTDB id 265	KZH43 RS04315 WP 000495911.1	KQVLRRLKYLIIQDLRGKLHYQIKEFSYGGGSLLLEILRLPYKKQKISHFTVSEDKDICYRIRQQLYYQNLFWMKEQAEAYQKGENI	253
NTDB id 224	SPD RS04655 WP 000495911.1	KQVLRRLKYLIIQDLRGKLHYQIKEFSYGGGSLLLEILRLPYKKQKISHFTVSEDKDICYRIRQQLYYQNLFWMKEQAEAYQKGENI	253
NTDB id 190	SPR RS04415 WP 000495911.1	KQVLRRLKYLIIQDLRGKLHYQIKEFSYGGGSLLLEILRLPYKKQKISHFTVSEDKDICYRIRQQLYYQNLFWMKEQAEAYQKGENI	253
NTDB id 495	SM12261 RS04415 WP 000495920.1	KQVLRRLKYLIIHQDLRGKLHYQIKEFPYGHGSLLEILRFPPYKKQKISHFTVSQDKDKICYRIRQQLYYQNPIMWKEQAEAYKKGENL	253
consensus		*****	

[illegible]

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