

logo

NTDB id 53816 K6J91 RS18905 WP 003243962.1
NTDB id 108 BSU 35470 NP 391427.1
consensus

MNVPEKNSSFSKELQQTILRSRHLLRTELSFSDEMI~~EW~~HIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHSSGKNKLYCR
MNVPEKNSSFSKELQQTILRSRHLLRTELSFSDEMI~~EW~~HIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHSSGKNKLYCR
MNVPEKNSSFSKELQQTILRSRHLLRTELSFSDEMI~~EW~~HIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHSSGKNKLYCR
!!

85
85

logo

NTDB id 53816 K6J91 RS18905 WP 003243962.1
NTDB id 108 BSU 35470 NP 391427.1
consensus

SCVMMGRVSEEVPLYSWKEENESN~~WKS~~IKLTWDGKLSSGQQAANVLEAISKKEELLIWAVCGAGKTEMLFPGIESALNQGLRV
SCVMMGRVSEEVPLYSWKEENESN~~WKS~~IKLTWDGKLSSGQQAANVLEAISKKEELLIWAVCGAGKTEMLFPGIESALNQGLRV
SCVMMGRVSEEVPLYSWKEENESN~~WKS~~IKLTWDGKLSSGQQAANVLEAISKKEELLIWAVCGAGKTEMLFPGIESALNQGLRV
!!

170
170

logo

NTDB id 53816 K6J91 RS18905 WP 003243962.1
NTDB id 108 BSU 35470 NP 391427.1
consensus

CIATPRTDWLELAPRLKA~~AF~~Q~~GAD~~ISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDAFPYSADQTLQFAVQKARK
CIATPRTDVVLELAPRLKA~~AF~~Q~~GAD~~ISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDAFPYSADQTLQFAVQKARK
CIATPRTDVVLELAPRLKA~~AF~~Q~~GAD~~ISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDAFPYSADQTLQFAVQKARK
!!

255
255

logo

NTDB id 53816 K6J91 RS18905 WP 003243962.1
NTDB id 108 BSU 35470 NP 391427.1
consensus

KNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGN~~WKKK~~LNRNKIPPAVKRWIEFHVKEGRPVFLFVPSVS
KNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGN~~WKKK~~LNRNKIPPAVKRWIEFHVKEGRPVFLFVPSVS
KNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGN~~WKKK~~LNRNKIPPAVKRWIEFHVKEGRPVFLFVPSVS
!!

340
340

logo

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consensus

I~~LE~~KAAACFKGVHCRTASVHAEDK~~HR~~KEKVQQFRDGLDLLITTTILERGVTVPKVQTGVLGAESSIFTESALVQIAGRTGRHKE
I~~LE~~KAAACFKGVHCRTASVHAEDK~~HR~~KEKVQQFRDGLDLLITTTILERGVTVPKVQTGVLGAESSIFTESALVQIAGRTGRHKE
I~~LE~~KAAACFKGVHCRTASVHAEDK~~HR~~KEKVQQFRDGLDLLITTTILERGVTVPKVQTGVLGAESSIFTESALVQIAGRTGRHKE
!!

425
425

logo

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consensus

YADGDVIYFHF~~GK~~TSMLDARKHIKEMNELAAKVECTD
YADGDVIYFHF~~GK~~TSMLDARKHIKEMNELAAKVECTD
YADGDVIYFHF~~GK~~TSMLDARKHIKEMNELAAKVECTD
!!

463
463

ⓧ

non conserved

✖

similar

ⓧ

≥ 50% conserved