

logo

NTDB id 1006904 ABLC01 RS17555 WP 032070741.1

NTDB id 1053 ABD1 RS00870 WP 000755276.1

consensus

MKKVF**D**GMV**Q**FHALGIKKHLLALAL**E**TGVA**F**GT**Y**A**E****T**HATSPNHNPPSLKSNAP**H**VYVVKRGDTLWDISGHFL**S**KPWRWP

MKKVFDGMV**Q**FHALGIKKHLLALAL**E**TGVA**F**GT**Y**A**E****T**HATSPNHNPPSLKSNAP**H**VYVVKRGDTLWDISGHFL**S**KPWRWP

MKKVFN**G**GMV**N**FHALGIKKHLLALAL**C**TGVA**I**GT**I**AEV**H**ATSPNHNPPSLKSNAP**N**VYVVKRGDTLWDISGHFL**N**KPWRWP

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80

80

logo

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NTDB id 1053 ABD1 RS00870 WP 000755276.1

consensus

EI**W**AS**N**Q**H**V**K**N**P**H**W**I**Y**PGDRLL**C**SLDGRPLVGKDEGDG**C**VGI**R**RYT**G****M****T**N**L**Q**P**QVR**V**ES**L**NN**N**VPVIPLEHIKQWLE

EIWASNQHVKNPHWIYPGDRLL**C**SLDGRPLVGKDEGDG**C**VGI**R**RYT**G****M****T**N**L**Q**P**QVR**V**ES**L**NN**N**VPVIPLEHIKQWLE

EIWASNQHVKNPHWIYPGDRLL**C**SLDGRPLVGKDEGDG**C**VGI**R**RYT**G****M****T**N**L**Q**P**QVR**V**ES**L**NN**S**VPVIPLEHIKQWLE

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consensus

H**S**TIL**P**AD**S**I**Q**H**T**PY**V**GTADQ**R**VL**A**K**G**QT**I**YARG**Q**GL**V**NGQRYAVYREGE**P**YY**F**TD**S**KGKKHSLGI**E**L**Q**VASGY**A**YS

HSTILPID**A**I**Q**H**T**PY**V**GTADQ**R**VL**A**K**G**QT**I**YARG**Q**GL**V**NGQRYAVYREGE**P**YY**F**TD**S**KGKKHSLGI**E**L**Q**VASGY**A**YS

NSTILPAD**S**I**T**NPY**I**VG**T**ADQ**R**VL**A**K**G**QT**I**YARG**Q**GL**I**NGQRYAVYREGE**P**YY**F**TD**N**KGKKHSLGI**E**LL**Q**VASGV**A**VS

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consensus

SEKDIT**T**LE**L**TD**S**YN**S**EVRRGDR**V**M**P**EE**E**AT**L**PT**L**FYP**V**DA**K**Q**V**TDGG**K**I**R**MG**S**I**G**TA**A**K**N**SV**T**LD**R**GT**A**Q**G**I**Q**V**G**Q

SEKDIT**T**LE**L**TD**S**YN**S**EVRRGDR**V**M**P**EE**E**AT**L**PT**L**FYP**V**DA**K**Q**V**TDGG**K**I**R**MG**S**I**G**TA**A**K**N**SV**T**LD**R**GT**A**Q**G**I**Q**V**G**Q

SEKDIT**T**LE**L**TD**S**YN**A**EVRRGDR**V**M**P**EE**E**Q**A**T**L**PT**L**FYP**V**DA**K**Q**V**TDGG**K**I**R**MG**S**I**G**TA**A**K**N**SV**T**LD**R**GT**T**Q**G**I**Q**V**G**Q

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consensus

VFDIT**Q**Q**G**E**S**I**R**DPKT**K**E**S**I**Q**LP**G**Q**I**GS**L**M**V**FR**T**FD**Q**LSYAY**V**LESD**L**P**K**VG**S**S**I**Q**S**P**R**Q**F**ND

VFDIT**Q**Q**G**E**T**I**R**DPKT**K**ES**I**Q**L**PG**Q**Q**I**GS**L**M**V**FR**T**FD**Q**LSYAY**V**LESD**L**P**K**VG**S**S**I**Q**P**PR**F**ND

VFDIT**Q**Q**G**ES**I**RDPKT**K**EV**I**Q**L**PG**Q**Q**I**GS**L**M**V**FR**T**FD**Q**LSYAY**V**LESD**L**P**K**VG**S**S**I**Q**S**P**Q**FND

!!!!!!!!!!!! * !!! * !!!!!!!!!!!!! * !!!!!

384

384

X

 non conserved

X

 similar

X

 ≥ 50% conserved