

logo

NTDB id 41559 THETH RS01290 WP 013931580.1
NTDB id 1118 NGFG RS11455 WP 003696286.1
consensus

MFSFFRRKKKQETPAL~~EE~~AQVQETA~~AA~~KVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAGEAAER
MFSFFRRKKKQETPAL~~EE~~AQVQETA~~AA~~KVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAGEAAER

0
85

logo

NTDB id 41559 THETH RS01290 WP 013931580.1
NTDB id 1118 NGFG RS11455 WP 003696286.1
consensus

VESAKEAVAETVGEAVGQVQEAVATTEEHKL~~GW~~FERL~~KQS~~EKTRKSMFKS~~L~~GKVLK~~GKQ~~GOE~~YEQ~~ETV~~L~~TG~~DM~~YET~~QY~~
VESAKEAVAETVGEAVGQVQEAVATTEEHKL~~GW~~FAARL~~KQS~~EKTRKSMFKS~~L~~GKVLK~~GKQ~~GOE~~YEQ~~ETV~~L~~TG~~DM~~YET~~QY~~
*****! * !! ! !! * ! * * ! ! * ! ! ! ! ! ! * ! ! ! ! !

55
170

logo

NTDB id 41559 THETH RS01290 WP 013931580.1
NTDB id 1118 NGFG RS11455 WP 003696286.1
consensus

LMQKVRKRVTLKGL~~L~~KDGNELRE~~AL~~KKYL~~YELLS~~NGNQ~~LV~~PTTK~~PF~~VIM~~MY~~GYNGT~~GK~~TTSY~~GK~~L~~AA~~YFQ~~NQ~~GK~~TV~~VLAAGDT
LMQKVRKRVTLKGL~~L~~KDGNELRE~~AL~~KKYL~~YELLS~~NGNQ~~LV~~PTTK~~PF~~VIM~~MY~~GYNGT~~GK~~TTSY~~GK~~L~~AA~~YFQ~~NQ~~GK~~TV~~VLAAGDT

131
255

logo

NTDB id 41559 THETH RS01290 WP 013931580.1
NTDB id 1118 NGFG RS11455 WP 003696286.1
consensus

FRAAA~~R~~EQLQ~~E~~W~~G~~K~~R~~M~~N~~Y~~T~~V~~I~~SOTT~~G~~AD~~SA~~AV~~C~~F~~DA~~V~~NA~~HAKA~~R~~G~~K~~D~~V~~V~~I~~DTAG~~R~~L~~H~~T~~Q~~L~~N~~L~~M~~E~~E~~L~~R~~K~~Y~~K~~R~~V~~Y~~Q~~K~~W~~P~~NA~~P~~H~~E~~Y~~L~~
FRAAA~~R~~EQLQ~~E~~W~~G~~K~~R~~M~~N~~Y~~T~~V~~I~~SOTT~~G~~AD~~SA~~AV~~C~~F~~DA~~V~~NA~~HAKA~~R~~G~~K~~D~~V~~V~~I~~DTAG~~R~~L~~H~~T~~Q~~L~~N~~L~~M~~E~~E~~L~~R~~K~~Y~~K~~R~~V~~Y~~Q~~K~~W~~P~~NA~~P~~H~~E~~Y~~L~~

216
339

logo

NTDB id 41559 THETH RS01290 WP 013931580.1
NTDB id 1118 NGFG RS11455 WP 003696286.1
consensus

V~~V~~L~~D~~A~~N~~T~~T~~G~~Q~~N~~G~~W~~Q~~V~~K~~V~~F~~K~~E~~M~~N~~L~~T~~G~~L~~V~~T~~K~~L~~D~~G~~T~~A~~K~~G~~G~~I~~L~~L~~A~~L~~K~~S~~E~~R~~P~~V~~P~~R~~Y~~I~~G~~V~~G~~E~~S~~L~~E~~D~~L~~R~~P~~F~~D~~P~~T~~L~~F~~V~~E~~A~~L~~L~~E
V~~V~~L~~D~~A~~N~~T~~T~~G~~Q~~N~~G~~W~~Q~~V~~K~~V~~F~~K~~E~~M~~N~~L~~T~~G~~L~~V~~T~~K~~L~~D~~G~~T~~A~~K~~G~~G~~I~~L~~L~~A~~L~~K~~S~~E~~R~~P~~V~~P~~R~~Y~~I~~G~~V~~G~~E~~S~~L~~E~~D~~L~~R~~P~~F~~D~~P~~T~~L~~F~~V~~E~~A~~L~~L~~E

294
417

non conserved
 similar
 ≥ 50% conserved