


```

NTDB id 1169 A1552VC RS11075 WP 000648511.1
NTDB id 1402 DSB67 RS12670 WP 010643257.1
NTDB id 1113 AAA85695.1 219..1451( )
NTDB id 1112 NGFG RS09215 WP 003689811.1
NTDB id 1252 GCO85 RS07730 WP 011213805.1
NTDB id 218973 B1781 RS18100 WP 078121001.1
NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus

```

Protein	Sequence	Score
IRDVATGQMFLAMR	VYRDTAAGMPMYIAMRNTAEAFPEMLVLMVMIGEESGQLDDMLNKVATIFYEFEVDN	393
IRDVATGQMFLAMR	VYRDTAAGMPMYIAMRHCHVPFELVLQVMVIGEESGRDDMLNKTAIFYEFEVDN	392
IRTRVIQGLSMTSGMRATELFPNMMLQMS	IRTRVIQGLSMTSGMRATELFPNMMLQMSIGEESGSLDDMLNKAAEFYEDVDNAV	395
IRTRVIQGLSMTSGMRATELFPNMMLQMS	IRTRVIQGLSMTSGMRATELFPNMMLQMSIGEESGSLDDMLNKAAEFYEDVDNAV	395
IREEVATGQQMFIAMENTHLFPNMVIQMA	IREEVATGQQMFIAMENTHLFPNMVIQMAIGEESGALDKMLSKVADFYEEDVDNAVD	392
MRDDVATGQSLTLSMRQQGLFPHMVIQMV	MRDDVATGQSLTLSMRQQGLFPHMVIQMVIGEESGSLDDMLSKVADFYEEDVDNAVD	398
IKSDVSSGMLNFSMRTTGTFFPSMAVQMTA	IKSDVSSGMLNFSMRTTGTFFPSMAVQMTAIGEESGALDEMLSKVATFYEDVDNMVD	391
IREDVATGQQLNFAMRVSNRFPMTAQMVA	IREDVATGQQLNFAMRVSNRFPMTAQMVAIGEESGALDEMLDKVANYYESEVDNAVD	394
IREDVATGQQLQFAMRISNRFPSMAIQMA	IREDVATGQQLQFAMRISNRFPSMAIQMAIGEESGALDSMLDKVATYYENEDVDNAVD	394

logo

YA**M**I**P**L**F**N**L**G**S**V...
T**A**M**I**L**P**I**F**N**L**M**S**V**L**G...
VA**M**I**L**P**L**F**N**L**G**N**V**V**A***..
VA**M**I**L**P**L**F**N**L**G**N**V**V**A**..
VA**M**I**L**P**I**F**K**L**G**S**A**V...
IA**L**I**L**P**I**F**K**L**G**S**V**N**S**G**N**
IA**M**I**L**P**I**F**Q**M**G**S**V**V...
IA**M**I**L**P**I**F**Q**M**G**S**V**V...
IA**M**I**L**P**I**F**Q**M**G**S**V**V...
* ! * ! * ! * ! * ! * ! *

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