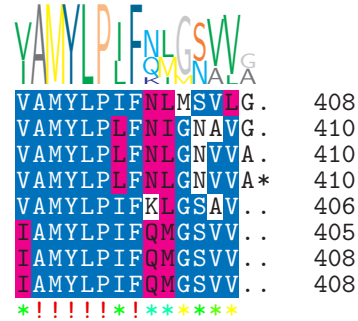


NTDB id	1169	A1552VC RS11075 WP 000648511.1	MKATQTLPLKNYRKKGINSNGKK.VSCQMLAISEIEVRDKLKDQHTIQIKKIKKGSVSLAR.LTHRVKSKDITIL	73
NTDB id	1017656	ABX026 RS00720 WP 025329863.1	MNKPVAVSKTKSSGTSFSSECKNLKTEQIVRGEVVAKDEADARAKLTRQRIRVIQTAKVKK.....QRQKKISQADITVF	75
NTDB id	1112	NGFG RS09215 WP 003689811.1	MAKNGGFSLSFAKKEKRIFIEGRHSASDKLVNGEVSFAFTEEEARKKLAKRGIRPLQITRVKT.....SSKRKITQEDITVF	75
NTDB id	1113	AAA85695.1 219..1451()	MAKNGGFSLSFAKKEKRIFIEGRHSASDKLVNGEVSFAFTEEEARKKLAKRGIRPLQITRVKT.....SSKRKITQEDITVF	75
NTDB id	1252	GCO85 RS07730 WP 011213805.1	MDKNSPPLLTFHYQGINKAGQK.MEGDIQARS LAIAKADLRKQGI VTNKVVKRRKPLFDR.KNKKITQA DITVF	72
NTDB id	1198	PSJM300 03950 AFN76868.1	MAQKA IKNSVFTMEGLDRQGAK.IKGELSGVSPALVKAQLRKQGINPQKVRKKSISIFS..AGKKIKPM DIALF	71
NTDB id	1016	ACIAD RS01680 WP 004920476.1	MAAKKTQVM PVFAVEGVDRKG I KLGELPARNMALAKVT LRKQGITIRTIREKRKNIFEGLLKKKVKPLDIALF	74
NTDB id	1059	ABD1 RS01610 WP 000279215.1	MAVKKAQMMP TFAVEGVDRKG I KLGELPAKNMALAKVT LRKQGVTVRNIREKRKNILEGLFKKKVTTLDITIF	74
consensus			* * * ! * * * * ! * * * * * * *	

[illegible][illegible]

NTDB id	1169	A1552VC RS11075 WP	000648511.1	TAAATFGLKALRKNSFQIRLKTSRLGLKFPIIGNVIAKASIAKFSRTLATSFAGGIPILASLKTAKTSGNVHFETAINE	313
NTDB id	1017656	ABX026 RS00720 WP	025329863.1	LIGGVICLFKWYQNSDDLKRFDFYMILKMPIFGQIVRKAITARWSRTTATLFAAGVPLVEVLDSVAGASGNIRYEEATQE	315
NTDB id	1112	NGFG RS09215 WP	003689811.1	LGFAITYGFLKLKARSIKIQRMDAAILLRMPIFGDIVRGKTIARWGRTTATLFAAGVPLVDVLDSAGAAGNLIYEAEATRE	315
NTDB id	1113	AAA85695.1	219..1451()	LGFAIYRFLKLKARSIKIQRMDAAILLRMPIFGDIVRGKTIARWGRTTATLFAAGVPLVDVLDSAGAAGNLIYEAEATRE	315
NTDB id	1252	GCO85 RS07730 WP	011213805.1	LGCVVYSFFYAKNHSLEFAQTIDRVMLKLPVIGPILEKAAIARFARTLSITFAAGLPLVEALKSVAGATIGNIIYAKATDK	312
NTDB id	1198	PSJM300	03950 AFN76868.1	FVGAAAYAFKQAHTRSEKFRNWFDRLMLKVPPVGDILYKSSVARFARTLSTTFAGVPLVDALDSVAGATIGNVVFSATNK	311
NTDB id	1016	ACIAD RS01680 WP	004920476.1	TGAATACGLEARKSRKFRDQLDLVLRLEPVGDLVYKAIARIYSRTLATTFAAGVPLIDALASTAGATNNTVYEQAVLK	314
NTDB id	1059	ABD1 RS01610 WP	000279215.1	TGAVTAAGLEAKRKSKKFRDGLDKLALKLPFGDLVYKAIARIYSRTLATTFAAGVPLIDALESTAGATNNVIYEKAVMK	314
consensus				* ** * * * * *	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1
NTDB id 1017656 ABX026 RS00720 WP 025329863.1
NTDB id 1112 NGFG RS09215 WP 003689811.1
NTDB id 1113 AAA85695.1 219..1451( )
NTDB id 1252 GC085 RS07730 WP 011213805.1
NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus
```



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NTDB id 1169 A1552VC RS11075 WP 000648511.1
NTDB id 1017656 ABX026 RS00720 WP 025329863.1
NTDB id 1112 NGFG RS09215 WP 003689811.1
NTDB id 1113 AAA85695.1 219..1451( )
NTDB id 1252 GC085 RS07730 WP 011213805.1
NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus

```

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