

logo

NTDB id 1169 A1552VC RS11075 WP 000648511.1	MAKN	72
NTDB id 263853 C1S74 RS13960 WP 045403771.1	MAKN	71
NTDB id 1402 DSB67 RS12670 WP 010643257.1	MAKN	71
NTDB id 1113 AAA85695.1 219..1451()	MAKN	74
NTDB id 1112 NGFG RS09215 WP 003689811.1	MAKN	74
NTDB id 1252 GC085 RS07730 WP 011213805.1	MAKN	71
NTDB id 1198 PSJM300 03950 AFN76868.1	MAKN	70
NTDB id 1016 ACIAD RS01680 WP 004920476.1	MAKN	73
NTDB id 1059 ABD1 RS01610 WP 000279215.1	MAKN	73
consensus	MAKN	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	FTRQLATM	152
NTDB id 263853 C1S74 RS13960 WP 045403771.1	FTRQLATM	151
NTDB id 1402 DSB67 RS12670 WP 010643257.1	FTRQLATM	151
NTDB id 1113 AAA85695.1 219..1451()	FTRQLATM	154
NTDB id 1112 NGFG RS09215 WP 003689811.1	FTRQLATM	154
NTDB id 1252 GC085 RS07730 WP 011213805.1	FTRQLATM	151
NTDB id 1198 PSJM300 03950 AFN76868.1	FTRQLATM	150
NTDB id 1016 ACIAD RS01680 WP 004920476.1	FTRQLATM	153
NTDB id 1059 ABD1 RS01610 WP 000279215.1	FTRQLATM	153
consensus	FTRQLATM	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVPIPEFESMFKGFGAELPWFTQQVLKLSHWVQAYSLWAFI	232
NTDB id 263853 C1S74 RS13960 WP 045403771.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTKVPIPEFEKMFVGFAGADLPAFTQMVLNLSAWTQNWGPFITGL	231
NTDB id 1402 DSB67 RS12670 WP 010643257.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTRVPIPEFEKMFVGFAGADLPAFTQMVLNLSAWTQNWGPFITGL	231
NTDB id 1113 AAA85695.1 219..1451()	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTRVPIPEFEKMFVGFAGADLPAFTQMVLNLSAWTQNWGPFITGL	234
NTDB id 1112 NGFG RS09215 WP 003689811.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTRVPIPEFEKMFVGFAGADLPAFTQMVLNLSAWTQNWGPFITGL	234
NTDB id 1252 GC085 RS07730 WP 011213805.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTRVPIPEFEKMFVGFAGADLPAFTQMVLNLSAWTQNWGPFITGL	231
NTDB id 1198 PSJM300 03950 AFN76868.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTRVPIPEFEKMFVGFAGADLPAFTQMVLNLSAWTQNWGPFITGL	230
NTDB id 1016 ACIAD RS01680 WP 004920476.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTRVPIPEFEKMFVGFAGADLPAFTQMVLNLSAWTQNWGPFITGL	233
NTDB id 1059 ABD1 RS01610 WP 000279215.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTRVPIPEFEKMFVGFAGADLPAFTQMVLNLSAWTQNWGPFITGL	233
consensus	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTRVPIPEFEKMFVGFAGADLPAFTQMVLNLSAWTQNWGPFITGL	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	AIAAAIFGLKALRKNFSQIRLKTSLRGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHFETAIN	312
NTDB id 263853 C1S74 RS13960 WP 045403771.1	AIAAAIFGLKALRKNFSQIRLKTSLRGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHFETAIN	311
NTDB id 1402 DSB67 RS12670 WP 010643257.1	AIAAAIFGLKALRKNFSQIRLKTSLRGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHFETAIN	311
NTDB id 1113 AAA85695.1 219..1451()	AIAAAIFGLKALRKNFSQIRLKTSLRGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHFETAIN	314
NTDB id 1112 NGFG RS09215 WP 003689811.1	AIAAAIFGLKALRKNFSQIRLKTSLRGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHFETAIN	314
NTDB id 1252 GC085 RS07730 WP 011213805.1	AIAAAIFGLKALRKNFSQIRLKTSLRGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHFETAIN	311
NTDB id 1198 PSJM300 03950 AFN76868.1	AIAAAIFGLKALRKNFSQIRLKTSLRGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHFETAIN	310
NTDB id 1016 ACIAD RS01680 WP 004920476.1	AIAAAIFGLKALRKNFSQIRLKTSLRGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHFETAIN	313
NTDB id 1059 ABD1 RS01610 WP 000279215.1	AIAAAIFGLKALRKNFSQIRLKTSLRGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHFETAIN	313
consensus	AIAAAIFGLKALRKNFSQIRLKTSLRGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHFETAIN	

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NTDB id 263853 C1S74 RS13960 WP 045403771.1
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 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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Sequence	Position
EIRDVATGQVYLAIRNINLFPNMLQVAGEESGALDDMLNKVATIIYEFVDNVTVDNLGKTIIEPLIIVFLGTVVGG	392
EYVRDTAAGMPMYIAMRNCNVFPELVLMQVMIGEESGRLDDMLNKTAIIYEFVDNVTVDNLSKILEPLIIVFLGVVGG	391
EYVRDTAAGMPMYIAMRHCHVFPFELVLMQVMIGEESGRLDDMLNKTAIIYEFVDNVTVDNLSKILEPLIIVFLGVVGG	391
EIRTRVIQGLSMTSGMRATELFPNMMLQMSSIGEESGSLDDMLNKAAEFYEVDNNAVGLSASAMMEPIIILGLVIGTL	394
EIRTRVIQGLSMTSGMRATELFPNMMLQMSSIGEESGSLDDMLNKAAEFYEVDNNAVGLSASAMMEPIIIVILGLVIGTL	394
KIREEVATGQQMFIAmenthlfpnmvIQMVAIGEESGALDEMLSKVATFYEVDNNAVGLSASAMMEPIIILGLVIGTL	391
KIKSDVSSGQMLNFSMRTVNGTFPSMAVQMTAIGEESGALDEMLSKVATFYEVDNNAVGLSASAMMEPIIIVILGLVIGTL	390
KIREDDVSTGQQLNFAMRVTGRTFPSMAIQMVAIGEESGALDEMLDKVANFYEVDNNAVGLSASAMMEPIIILGLVIGTL	393
KIREDDVATGQQLQFAMRIENRFPSTAIQMVAIGEESGALDEMLDKVATFYEVDNNAVGLSASAMMEPIIILGLVIGTL	393

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NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus

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Position	1	2	3	4	5	6	7	8	9	10	
408	V	A	M	Y	L	P	I	F	N	L	M
407	V	T	A	M	Y	L	P	I	F	N	L
407	V	T	A	M	Y	L	P	I	F	N	L
410	L	V	A	M	Y	L	P	I	F	N	L
410	L	V	A	M	Y	L	P	I	F	N	L
406	V	A	M	Y	L	P	I	F	N	L	M
405	I	I	A	M	Y	L	P	I	F	N	L
408	V	I	A	M	Y	L	P	I	F	N	L
408	V	I	A	M	Y	L	P	I	F	N	L

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

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