

logo

NTDB id 1169 A1552VC RS11075 WP 000648511.1	MAKN	72
NTDB id 203858 K05K4 RS13555 WP 054730505.1	MAKSTGGFSLFIRKGGERYAFKRRSSGLKLSYSEFNLKESDARHLPKQGLIKKIRKSSKSLFRTTSSKRRITK	71
NTDB id 1402 DSB67 RS12670 WP 010643257.1	MAKSTGGFSLFIRKGGERYAFKRRSSGLKLSYSEFNLKESDARHLPKQGLIKKIRKSSKSLFRTTSSKRRITK	71
NTDB id 1112 NGFG RS09215 WP 003689811.1	MAKSTGGFSLFIRKGGERYAFKRRSSGLKLSYSEFNLKESDARHLPKQGLIKKIRKSSKSLFRTTSSKRRITK	74
NTDB id 1113 AAA85695.1 219..1451()	MAKSTGGFSLFIRKGGERYAFKRRSSGLKLSYSEFNLKESDARHLPKQGLIKKIRKSSKSLFRTTSSKRRITK	74
NTDB id 1252 GC085 RS07730 WP 011213805.1	MAKSTGGFSLFIRKGGERYAFKRRSSGLKLSYSEFNLKESDARHLPKQGLIKKIRKSSKSLFRTTSSKRRITK	71
NTDB id 1198 PSJM300 03950 AFN76868.1	MAKSTGGFSLFIRKGGERYAFKRRSSGLKLSYSEFNLKESDARHLPKQGLIKKIRKSSKSLFRTTSSKRRITK	70
NTDB id 1016 ACIAD RS01680 WP 004920476.1	MAKSTGGFSLFIRKGGERYAFKRRSSGLKLSYSEFNLKESDARHLPKQGLIKKIRKSSKSLFRTTSSKRRITK	73
NTDB id 1059 ABD1 RS01610 WP 000279215.1	MAKSTGGFSLFIRKGGERYAFKRRSSGLKLSYSEFNLKESDARHLPKQGLIKKIRKSSKSLFRTTSSKRRITK	73
consensus	*** * ** * ** ! * * ! * ! ** * ** * ! ** * ** * ! ** *	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	FTRQLATMKAAGVPLVQAFIVAEGLNPMSKLSLMSIKVEAGTSSALRKHPYFDLYCNLVAGFESGSLNEM	152
NTDB id 203858 K05K4 RS13555 WP 054730505.1	FTRQLATMKAAGVPLVQAFIVAEGLNPMSKLSLMSIKVEAGTSSALRKHPYFDLYCNLVAGFESGSLNEM	151
NTDB id 1402 DSB67 RS12670 WP 010643257.1	FTRQLATMKAAGVPLVQAFIVAEGLNPMSKLSLMSIKVEAGTSSALRKHPYFDLYCNLVAGFESGSLNEM	151
NTDB id 1112 NGFG RS09215 WP 003689811.1	FTRQLATMKAAGVPLVQAFIVAEGLNPMSKLSLMSIKVEAGTSSALRKHPYFDLYCNLVAGFESGSLNEM	154
NTDB id 1113 AAA85695.1 219..1451()	FTRQLATMKAAGVPLVQAFIVAEGLNPMSKLSLMSIKVEAGTSSALRKHPYFDLYCNLVAGFESGSLNEM	154
NTDB id 1252 GC085 RS07730 WP 011213805.1	FTRQLATMKAAGVPLVQAFIVAEGLNPMSKLSLMSIKVEAGTSSALRKHPYFDLYCNLVAGFESGSLNEM	151
NTDB id 1198 PSJM300 03950 AFN76868.1	FTRQLATMKAAGVPLVQAFIVAEGLNPMSKLSLMSIKVEAGTSSALRKHPYFDLYCNLVAGFESGSLNEM	150
NTDB id 1016 ACIAD RS01680 WP 004920476.1	FTRQLATMKAAGVPLVQAFIVAEGLNPMSKLSLMSIKVEAGTSSALRKHPYFDLYCNLVAGFESGSLNEM	153
NTDB id 1059 ABD1 RS01610 WP 000279215.1	FTRQLATMKAAGVPLVQAFIVAEGLNPMSKLSLMSIKVEAGTSSALRKHPYFDLYCNLVAGFESGSLNEM	153
consensus	*** ! ** ! ** * ** ! ** ! ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** *	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPFESFMFKGFGAELPWFTQVVLKLSHWVQAYSLWAFI	232
NTDB id 203858 K05K4 RS13555 WP 054730505.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPFESFMFKGFGAELPWFTQVVLKLSHWVQAYSLWAFI	231
NTDB id 1402 DSB67 RS12670 WP 010643257.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPFESFMFKGFGAELPWFTQVVLKLSHWVQAYSLWAFI	231
NTDB id 1112 NGFG RS09215 WP 003689811.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPFESFMFKGFGAELPWFTQVVLKLSHWVQAYSLWAFI	234
NTDB id 1113 AAA85695.1 219..1451()	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPFESFMFKGFGAELPWFTQVVLKLSHWVQAYSLWAFI	234
NTDB id 1252 GC085 RS07730 WP 011213805.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPFESFMFKGFGAELPWFTQVVLKLSHWVQAYSLWAFI	231
NTDB id 1198 PSJM300 03950 AFN76868.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPFESFMFKGFGAELPWFTQVVLKLSHWVQAYSLWAFI	230
NTDB id 1016 ACIAD RS01680 WP 004920476.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPFESFMFKGFGAELPWFTQVVLKLSHWVQAYSLWAFI	233
NTDB id 1059 ABD1 RS01610 WP 000279215.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPFESFMFKGFGAELPWFTQVVLKLSHWVQAYSLWAFI	233
consensus	*** ! ** ! ** * ** ! ** ! ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** * ** *	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	ATIAAIFGLKALRKNSFQIRLKTSLGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHVFETAIN	312
NTDB id 203858 K05K4 RS13555 WP 054730505.1	ATIAAIFGLKALRKNSFQIRLKTSLGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHVFETAIN	311
NTDB id 1402 DSB67 RS12670 WP 010643257.1	ATIAAIFGLKALRKNSFQIRLKTSLGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHVFETAIN	311
NTDB id 1112 NGFG RS09215 WP 003689811.1	ATIAAIFGLKALRKNSFQIRLKTSLGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHVFETAIN	314
NTDB id 1113 AAA85695.1 219..1451()	ATIAAIFGLKALRKNSFQIRLKTSLGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHVFETAIN	314
NTDB id 1252 GC085 RS07730 WP 011213805.1	ATIAAIFGLKALRKNSFQIRLKTSLGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHVFETAIN	311
NTDB id 1198 PSJM300 03950 AFN76868.1	ATIAAIFGLKALRKNSFQIRLKTSLGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHVFETAIN	310
NTDB id 1016 ACIAD RS01680 WP 004920476.1	ATIAAIFGLKALRKNSFQIRLKTSLGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHVFETAIN	313
NTDB id 1059 ABD1 RS01610 WP 000279215.1	ATIAAIFGLKALRKNSFQIRLKTSLGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHVFETAIN	313
consensus	***** ** * ! ** * ***** ! ** * ! ** * ! ** * ! ** * ! ** * ! ** * ! ** * ! ** *	

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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 203858 K05K4 RS13555 WP 054730505.1
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NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus

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V VAMYLPPIFNLSVVG . 408
V VAMYLPPIFNLSVVG . 407
V TAMYLPPIFNLSVVG . 407
L VAMYLPPIFNLSVVG . 410
L VAMYLPPIFNLSVVG * 410
V VAMYLPPIKLSGV . 406
I IAMYLPPIQMGSVV . 405
V IAMYLPPIQMGSVV . 408
I IAMYLPPIQMGSVV . 408

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