

logo

NTDB id 966662 MKY62 RS12850 WP 003183366.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

MAELSIK¹NF²AI³EEL⁴TV⁵SF⁶ER⁷GL⁸TV⁹LT¹⁰GET¹¹GAG¹²KS¹³II¹⁴DA¹⁵VS¹⁶LL¹⁷VG¹⁸GR¹⁹GS²⁰SE²¹Y²²V²³RY²⁴GE²⁵K²⁶RA²⁷E²⁸LE²⁹GL³⁰F³¹LL³²D³³G³⁴HP³⁵V³⁶FD³⁷LC³⁸
 MAELSIK¹NF²AI³EEL⁴TV⁵SF⁶ER⁷GL⁸TV⁹LT¹⁰GET¹¹GAG¹²KS¹³II¹⁴DA¹⁵VS¹⁶LL¹⁷VG¹⁸GR¹⁹GS²⁰SE²¹Y²²V²³RY²⁴GE²⁵K²⁶RA²⁷E²⁸LE²⁹GL³⁰F³¹LL³²D³³G³⁴HP³⁵V³⁶FD³⁷LC³⁸
 MAELSIK¹NF²AI³EEL⁴TV⁵SF⁶ER⁷GL⁸TV⁹LT¹⁰GET¹¹GAG¹²KS¹³II¹⁴DA¹⁵VS¹⁶LL¹⁷VG¹⁸GR¹⁹GS²⁰SE²¹Y²²V²³RY²⁴GE²⁵K²⁶RA²⁷E²⁸LE²⁹GL³⁰F³¹LL³²D³³G³⁴HP³⁵V³⁶FD³⁷LC³⁸
 MAELSIK¹NF²AI³EEL⁴TV⁵SF⁶ER⁷GL⁸TV⁹LT¹⁰GET¹¹GAG¹²KS¹³II¹⁴DA¹⁵VS¹⁶LL¹⁷VG¹⁸GR¹⁹GS²⁰SE²¹Y²²V²³RY²⁴GE²⁵K²⁶RA²⁷E²⁸LE²⁹GL³⁰F³¹LL³²D³³G³⁴HP³⁵V³⁶FD³⁷LC³⁸

80
80

logo

NTDB id 966662 MKY62 RS12850 WP 003183366.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

TEQLFVSDSEIMVRRDSTSGSKYCRVNGKLVITIASLREYGRLLLDIHGQHDNQLLMEDEHHLQLLDRLFAGAEVEENALK
AELGIDVSDSEIMVRRDSTSGSKYCRVNGKLVITIASLREYGRLLLDIHGQHDNQLLMEDEHHLQLLDRLFAGAEVEENALK

160
160

logo

NTDB id 966662 MKY62 RS12850 WP 003183366.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

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

240
240

logo

NTDB id 966662 MKY62 RS12850 WP 003183366.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

320
320

logo

NTDB id 966662 MKY62 RS12850 WP 003183366.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

400
400

logo

NTDB id 966662 MKY62 RS12850 WP 003183366.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

RTASRN^{EE}APLVN^QGPVQLT^{KQ}EHG^{ED}TVRF^{LI}STNTGEPLKSLSKVASGGELSR^YMLA^{KS}IFS^sQQDVTSLIFDEVDTGV

KKAERDDAPLVN^QMPVQLTKHGIDTVRF^{LI}STNTGEPLKSLSKVASGGELSR^IMLA^{KS}IFS^sQQDVTSLIFDEVDTGV

RTASRN^{EE}APLVN^QGPVQLTE^{KQ}EHG^{ED}TVRF^{LI}STNTGEPLKSLSKVASGGELSR^YMLA^{KS}IFS^sQQDVTSLIFDEVDTGV

480
480

logo

NTDB id 966662 MKY62 RS12850 WP 003183366.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

SGRVAQAI AEKIH_RVSIGSQVLCITHLPQVAAMADTHLYIT_{AK}QS_{EL}KDGR_{RV}TTT_{TK}PLSKQEK_{YAE}IGRM_{IAG}VEVTDLT_{KR}

 SGRVAQAI AEKIH_RVSIGSQVLCITHLPQVAAMADTHLYIT_{AK}QS_{EL}KDGR_{RV}TTT_{TK}PLSKQEK_{YAE}IGRM_{IAG}VEVTDLT_{KR}

 SGRVAQAI AEKIH_RVSIGSQVLCITHLPQVAAMADTHLYIT_{AK}QS_{EL}KDGR_{RV}TTT_{TK}PLSKQEK_{YAE}IGRM_{IAG}VEVTDLT_{KR}

560
560

logo

NTDB id 966662 MKY62 RS12850 WP 003183366.1

NTDB id 352 BSU 24240 NP 390304.2

consensus

HAKELLNQAKLVKTS

HAKELLNQAKLVKTS

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

576

576

- X

non conserved
- X

similar
- X

 $\geq 50\%$ conserved