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NTDB id 976152 AADV39 RS16775 WP 032876163.1	MSEGA S EF S EV R DF F YGRHLLR S EP F SDQR I NG F I....EKE Y ITAEP S I R RKNRYV C QR C G S DQAC F AA F WA	72
NTDB id 108 BSU 35470 NP 391427.1	MNVP V EKNS S FSK E LQQT L RSRHLLR T EL S FSDEM I EW H I....KNG Y ITAEN S ISINKRRY R CNRCG G TDQRY F SF V HS	76
NTDB id 615 LCA RS02545 WP 011374200.1	M C Q Q V I ACGR Q F T AA Q LAD T QNN Y SLP Q LKRR P AF L R V KH R LVC R C Q QV V PP Q T.....	56
consensus	* * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

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NTDB id 976152 AADV39 RS16775 WP 032876163.1	SFLK R ORT Y CR S CV M MR R Y Y LY W LY S W E ES S SW N SV K L T VE C IT S Q K AA A LY E AL S TRO K ELLY W AV C G A CKTE	152
NTDB id 108 BSU 35470 NP 391427.1	SFAK R Q I TY C RA C V M MGR A DEL T S L YS W N Q ASE N SW E P V KLS W EG T L T DG Q K Q AA A AL T DA I KER Q ELLY W AV C G S GKTE	154
NTDB id 615 LCA RS02545 WP 011374200.1	S..G K N K LY C RS C V M MGR V S E EV P LY S W K BE N ES N W K S I KLT W D G K L SS G Q Q KA A N V L E AI S SK E ELL I W A V C G A GKTE	135
consensus	* * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

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NTDB id 976152 AADV39 RS16775 WP 032876163.1	MLFPG I E F AL N Q L GR V C I AT P RTD W LE L Y P RL K AA F Q T YS S AL Y GS S DK G RL T PL M IST H Q L LL R Y X DA F D W I D E	232
NTDB id 108 BSU 35470 NP 391427.1	MLFPG I ES A LN Q GR V CI T AT P RTD V LE L AP R L K AA F Q G AD I S A LY G GS S DK G RL S PL M IST T H Q LL R Y K DAT D V M I D E	234
NTDB id 615 LCA RS02545 WP 011374200.1	MLFQ Q IL V AL G K Q GR V CI A AP R V A V C LE L Y P RL Q AA F ATT S IM L M H GE Q TPY R YT Q L V IC T TH Q LL K EY H A F D T V I V D E	215
consensus	! ! ! ! ! * * ! ! * ! * ! ! ! * ! ! ! ! ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

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NTDB id 976152 AADV39 RS16775 WP 032876163.1	VDAFP F SAD T L R FAV D KARK K NSA L V L TAT P TPT S KE L K R KA L AC Q L S VR I PAR Y HR K PL P EP R EY W CG N KK L KK K L	312
NTDB id 108 BSU 35470 NP 391427.1	VDAFP F SAD E T L RF A V D KARK K NSA L V V TAT P SD T L K K A E A GL L K S VR I PAR Y HR K PL P EP R FW C GN W KK K L Q K G K L	314
NTDB id 615 LCA RS02545 WP 011374200.1	VDAFP F Y S AD Q TL Q FAV Q KARK K NS T L V YL S AT P PK E L K R K AL N Q L H S VR I PAR H HR K PL P EP R FW C GN W KK K L N FK I	295
consensus	! ! ! ! ! * * * * * * ! * ! ! ! * ! * * * * ! * * * * * ! * ! * * * * ! * * * * * ! * * * * * ! * * * * *	

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NTDB id 976152 AADV39 RS16775 WP 032876163.1	PR S V T RW Y Q T Y Q LT R P V EL F V P SV S Y L OK Y ANY E ST L NY R E T Y H AED T FR K K V K V FRD G R L DL L V T TT I L E R G VT	390
NTDB id 108 BSU 35470 NP 391427.1	PR S V T D W V C Q K L Q L Q P V FL F V P SV H V L KK T TD Y F Q K L ..N I RAE G V H AED T FR K D V K R FRD G R L DL L V T TT I L E R G VT	392
NTDB id 615 LCA RS02545 WP 011374200.1	PPAV K RW I EF H V K EG R P V FL F V P SV S LE K AA A CF K GV V ..H O R T A S V H AED K H R K E K V Q Q FRD G Q L DL L TT I L E R G VT	374
consensus	! * * * * * * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

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NTDB id 976152 AADV39 RS16775 WP 032876163.1	VPK V Q T VL G AE S IF T ESAL V QIAG R TGR H K Y AS G DI V Y F HF G Y T NS V K A R K H I K M L A K V Q S TD	461
NTDB id 108 BSU 35470 NP 391427.1	VPK V Q T VL G AE A PI F TESAL V QIAG R TGR H Y K H F S G D V IM F H F GI T N C M K K A K H I E H M N K L A Q K S K L L D	463
NTDB id 615 LCA RS02545 WP 011374200.1	FKN V AV L VL G AE H M V F N E A VL V QIAG R A G R H K D Y A QNP V H F Y Q D T Y T RA I K G A C H I Q I K T Q N Q R R L Q S T V	445
consensus	* * * ! * * ! ! ! ! ! * ! * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

 non conserved
 similar
 ≥ 50% conserved