

logo



NTDB id 600 KW2 RS01765 WP 011675413.1	MATK...KKTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLG	EAANQ.KVSVVSSGSLALDI	ALGAGGYPKGRI	75		
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAK...KPKKLEEISKKFGA	EREKALNDALKLEIKD	FGKGSIMRLGERAEQ	.KVQVMSSGSLALDI	ALGSGGYPKGRI	74		
NTDB id 228 SPD RS09265 WP 001085462.1	.MAK...KPKKLEEISKKFGA	EREKALNDALKLEIKD	FGKGSIMRLGERAEQ	.KVQVMSSGSLALDI	ALGSGGYPKGRI	74		
NTDB id 194 SPR RS08825 WP 001085462.1	.MAK...KPKKLEEISKKFGA	EREKALNDALKLEIKD	FGKGSIMRLGERAEQ	.KVQVMSSGSLALDI	ALGSGGYPKGRI	74		
NTDB id 159 SP RS09750 WP 001085462.1	.MAK...KPKKLEEISKKFGA	EREKALNDALKLEIKD	FGKGSIMRLGERAEQ	.KVQVMSSGSLALDI	ALGSGGYPKGRI	74		
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAK...KPKKLEEISKKFGA	EREKALNDALKLEIKD	FGKGSIMRLGERAEQ	.KVQVMSSGSLALDI	ALGSGGYPKGRI	74		
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAK...KPKKLEEISKKFGA	EREKALNDALKLEIKD	FGKGSIMRLGERAEQ	.KVQVMSSGSLALDI	ALGSGGYPKGRI	74		
NTDB id 453 Spy49 1753c ACI62003.1	.MAK...KPKKLEEISKKFGA	EREKALNDALKLEIKD	FGKGSIMRLGERAEQ	.KVQVMSSGSLALDI	ALGSGGYPKGRI	74		
NTDB id 408 SMU RS09530 WP 002262392.1	.MAK...RIKKTEEITKKFGD	ERKALDDALKNIEKD	FGKGVMLRGERAEQ	.KVQVMSSGSLALDI	ALGAGGYPKGRI	74		
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALK	QIEKQFGKGSIMKLG	EKTDT.RISTVPSGSLALDI	TALGIGGYPRGRI		59		
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALK	KIEKNFGKGSIMRMGEKVDT	.QVSTVSSGSLALDI	DEALGVGGYPRGRI		61		
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTD	AERSKATETAMSQIEKA	FGKGSIMKLGAE	SKL.DVQVVSTGSLSLDI	ALGVGGIPRGRI	73		
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDNKRKSLDAAL	KLKSLDKT	FGKGTILRLG	DKVEVE.QIDSIGTGSVGLDI	ALGIGGVPKGRI	60		
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDEDKQKATSLA	IKQIDKVFGKGVRLGDKQVE	.KIDAISTGSLGLDL	ALGIGGVPKGRI		62		
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKATSLA	IKQIDKVFGKGVRLGDKQVE	.KIDAISTGSLGLDL	ALGIGGVPKGRI		62		
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAKT..ETTSPND	DKKALAAVLEKLDKT	YGGKTVMKLGD	GTVDHNI	IEVIPS	GLGLDL	ALGVGGYPKGRI	69
NTDB id 1389 A4U84 RS07560 WP 021112712.1	MAENKKSSKNNTV..VKQ	VEPEQKKQALEAALA	QIEKQFGKGSIMKLG	QTEQL.DIESVSTGSLGLDL	ALGIGGLPMGRI	77		
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALA	QIEKSFGKGA	IMKMDGSQ	QEQNLEVISTGSLGLDL	ALGVGGLPRGRI	61		
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALA	QIEKSFGKGA	IMKMDGSQ	QEQNLEVISTGSLGLDL	ALGVGGLPRGRI	61		
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSDDKSKALAAALA	QIEKSFGKGA	IMKMDGSQ	QEQNLEVISTGSLGLDL	ALGVGGLPRGRI	61		
NTDB id 143261 WU17 RS06785 WP 003812760.1	.MDD.....K..TSKAAAA	EKAKALAAALSQIEKQ	FGKGSIMRYGD	NEVEHDIQVVSTGSLGLDI	ALGVGGLPRGRV	69		
NTDB id 1427 RS RS02760 WP 011000510.1	MEDG.....K..KAASMSA	EKKALAAALAQIEKQ	FGKGSIMKMGDAEVE	.PVQVVSTGSLGLD	VALGVGGLPRGRV	69		
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAAL	GQIEKQFGKGSIMRLG	DNRAM.DVETISTGSLSLDI	ALGAGGLPMGRI		60		
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAAL	GQIEKQFGKGSIMRLG	DNRAM.DVETISTGSLSLDI	ALGAGGLPMGRI		60		
NTDB id 1205 PSJM300 05545 AFN77183.1	.....MDENKKRALAAAL	GQIEKQFGKGVMLR	GDHNRQ.AIP	ISTGSLGLDI	ALGIGGLPKGRI	60		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDNKSKALQAALS	QIEKQFGKNTVMRLG	DNTVQ.AVEAVSTGSL	TLDI	ALGIGGLPKGRI	60		
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENKSKALQAALS	QIEKQFGKNTVMRLG	DNTVQ.AVEAVSTGSL	TLDI	ALGIGGLPKGRI	60		
consensus	*** **	* **	***!! *!*****	*	***!!*!!*!!*!! *!!*!!*			

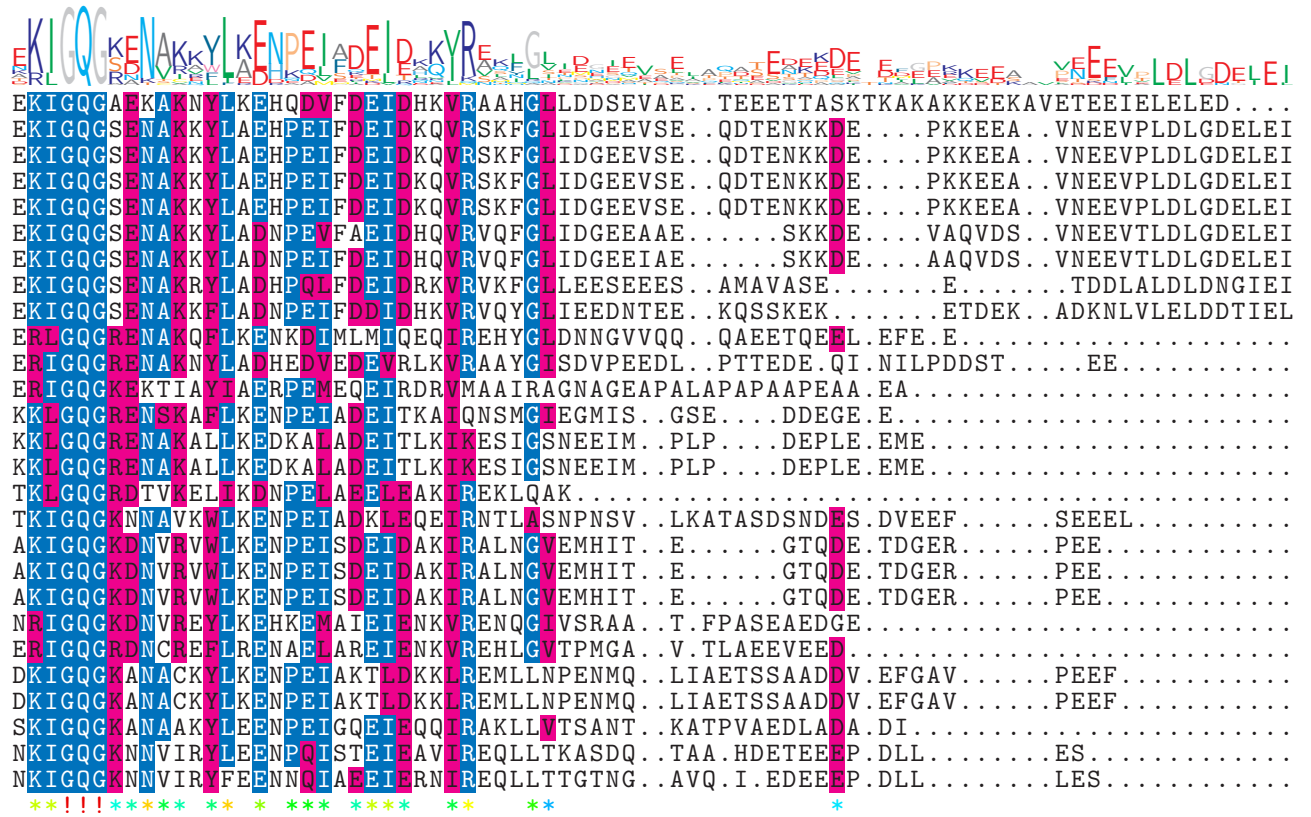






logo

NTDB id 600 KW2 RS01765 WP 011675413.1  
 NTDB id 269 KZH43 RS08665 WP 001085462.1  
 NTDB id 228 SPD RS09265 WP 001085462.1  
 NTDB id 194 SPR RS08825 WP 001085462.1  
 NTDB id 159 SP RS09750 WP 001085462.1  
 NTDB id 527 SMSK321 RS11065 WP 001085454.1  
 NTDB id 499 SM12261 RS08315 WP 078228268.1  
 NTDB id 453 Spy49 1753c ACI62003.1  
 NTDB id 408 SMU RS09530 WP 002262392.1  
 NTDB id 115 BSU 16940 NP 389576.2  
 NTDB id 625 LCA RS02525 WP 011374196.1  
 NTDB id 1313 DR RS12030 WP 010888966.1  
 NTDB id 1245 Cj1673c YP 002345041.1  
 NTDB id 1214 NCTC11637 00359 SQJ03206.1  
 NTDB id 1211 C694 RS00795 WP 000963128.1  
 NTDB id 1334 RAOC RS04870 WP 004918236.1  
 NTDB id 1389 A4U84 RS07560 WP 021112712.1  
 NTDB id 1130 NGFG RS03960 WP 003688695.1  
 NTDB id 1124 NGFG RS03960 WP 003688695.1  
 NTDB id 1123 OK783 RS03845 WP 003688695.1  
 NTDB id 143261 WU17 RS06785 WP 003812760.1  
 NTDB id 1427 RS RS02760 WP 011000510.1  
 NTDB id 1165 A1552VC RS01565 WP 000344154.1  
 NTDB id 1142 GTF74 RS11550 WP 000344154.1  
 NTDB id 1205 PSJM300 05545 AFN77183.1  
 NTDB id 1022 ACIAD RS06390 WP 004925639.1  
 NTDB id 1074 ABD1 RS10195 WP 000344167.1  
 consensus



\*\*!!!\*\*\*\*\* \*\* \* \*\*\* \*\*\*\*\* \*\* \*\* \*

logo

NTDB id 600 KW2 RS01765 WP 011675413.1	....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	EIEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	EIEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	EIEE	388
NTDB id 159 SP RS09750 WP 001085462.1	EIEE	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	EIEE	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	EIEE	384
NTDB id 453 Spy49 1753c ACI62003.1	ED..	378
NTDB id 408 SMU RS09530 WP 002262392.1	ED..	383
NTDB id 115 BSU 16940 NP 389576.2	....	348
NTDB id 625 LCA RS02525 WP 011374196.1	....	355
NTDB id 1313 DR RS12030 WP 010888966.1	....	363
NTDB id 1245 Cj1673c YP 002345041.1	....	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	....	347
NTDB id 1211 C694 RS00795 WP 000963128.1	....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	....	348
NTDB id 143261 WU17 RS06785 WP 003812760.1	....	353
NTDB id 1427 RS RS02760 WP 011000510.1	....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	....	347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	....	349

consensus

 non conserved  
 similar  
 ≥ 50% conserved