

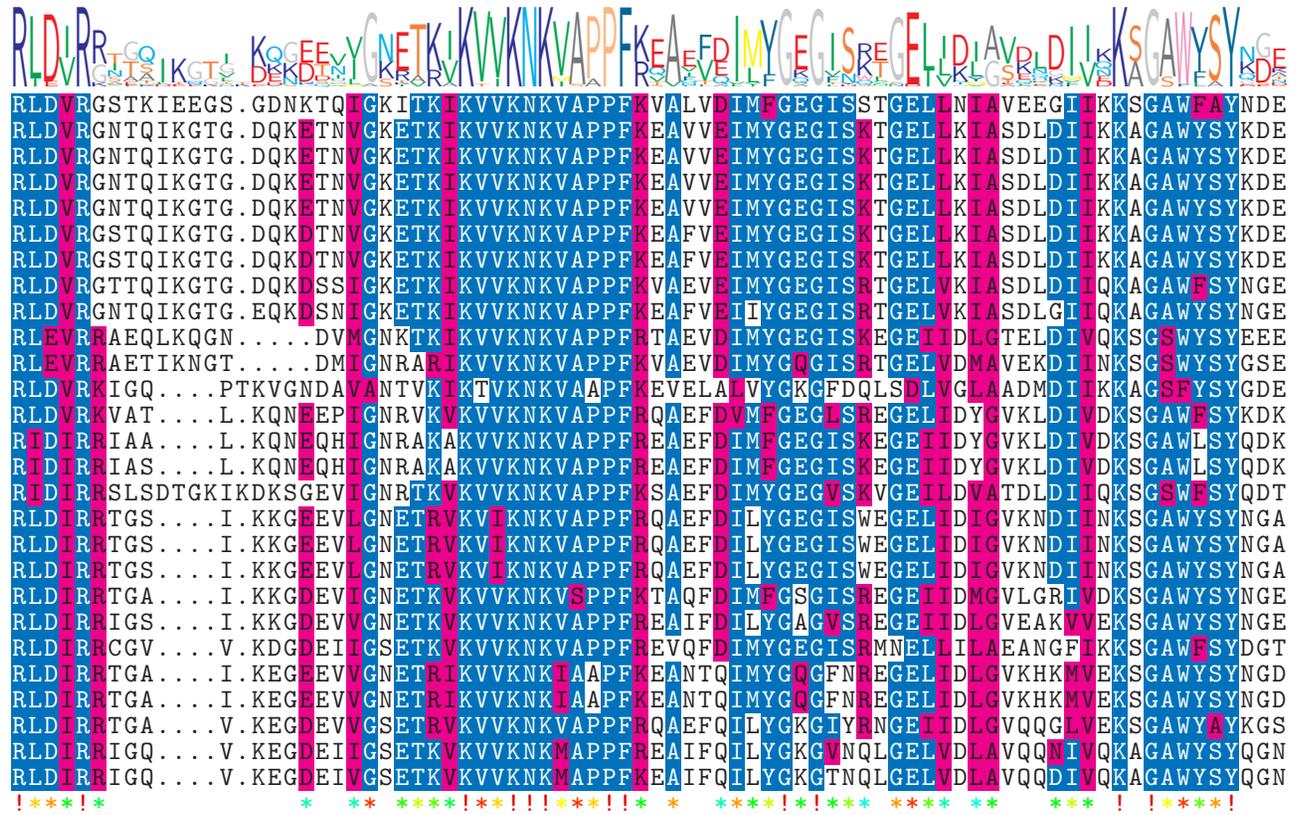
logo



NTDB id 600 KW2 RS01765 WP 011675413.1	VDSVAALVPAKAEIDGDI	GDSHVGLQARMSQAMRKL	ACHINKTKT	TAIFINQLREKVGVM	FGSPETTPGGRALKFYASV	235
NTDB id 269 KZH43 RS08665 WP 001085462.1	VDSVAALVPAEIDGDI	GDSHVGLQARMSQAMRKL	GASINKTKT	TAIFINQLREKVGVM	FCNPETTPGGRALKFYASV	234
NTDB id 228 SPD RS09265 WP 001085462.1	VDSVAALVPAEIDGDI	GDSHVGLQARMSQAMRKL	GASINKTKT	TAIFINQLREKVGVM	FCNPETTPGGRALKFYASV	234
NTDB id 194 SPR RS08825 WP 001085462.1	VDSVAALVPAEIDGDI	GDSHVGLQARMSQAMRKL	GASINKTKT	TAIFINQLREKVGVM	FCNPETTPGGRALKFYASV	234
NTDB id 159 SP RS09750 WP 001085462.1	VDSVAALVPAEIDGDI	GDSHVGLQARMSQAMRKL	GASINKTKT	TAIFINQLREKVGVM	FCNPETTPGGRALKFYASV	234
NTDB id 499 SM12261 RS08315 WP 078228268.1	VDSVAALVPAEIDGDI	GDSHVGLQARMSQAMRKL	GASINKTKT	TAIFINQLREKVGVM	FCNPETTPGGRALKFYASV	234
NTDB id 527 SMSK321 RS11065 WP 001085454.1	VDSVAALVPAEIDGDI	GDSHVGLQARMSQAMRKL	GASINKTKT	TAIFINQLREKVGVM	FCNPETTPGGRALKFYASV	234
NTDB id 453 Spy49 1753c ACI62003.1	VDSVAALVPAEIDGDI	GDSHVGLQARMSQAMRKL	SASINKTKT	TAIFINQLREKVGVM	FCNPETTPGGRALKFYSSV	234
NTDB id 408 SMU RS09530 WP 002262392.1	VDSVAALVPAEIDGDI	GDSHVGLQARMSQAMRKL	SASINKTKT	TAIFINQLREKVGIM	FCNPETTPGGRALKFYSSV	234
NTDB id 115 BSU 16940 NP 389576.2	VDSVAALVPAEIEGDMGDS	HVGLQARMSQALRKL	SGAINKSKT	TAIFINQLREKVGVM	FCNPETTPGGRALKFYSSV	219
NTDB id 625 LCA RS02525 WP 011374196.1	VDSVAALVPAEIEGEMGDA	HVGLQARMSQALRKL	SGTINKTKT	TAIFINQLREKVGVM	FCNPETTPGGRALKFYSTV	221
NTDB id 1313 DR RS12030 WP 010888966.1	VDSVAALTPRAEIEGDMGDS	LPGLQARMSQALRKL	TAILSKTGTA	IFINQVREKVGVM	YCNPETTTGGRALKFYASV	233
NTDB id 1245 Cj1673c YP 002345041.1	VDSVAALTPKAEIEGDMGDQ	HVGLQARMSQALRKL	TGIVHKMNT	TVIFINQIRMKIGAMGY	CTPETTTGGRALKFYASV	221
NTDB id 1214 NCTC11637 00359 SQJ03206.1	VDSVAALTPKAEIDGDMGDQ	HVGLQARMSHALRKL	ITGVVHKMNT	TLIFINQIRMKIGMNGY	GSPEPTTTGGRALKFYASV	223
NTDB id 1211 C694 RS00795 WP 000963128.1	VDSVAALTPKAEIDGDMGDQ	HVGLQARMSHALRKL	ITGVVHKMNT	TLIFINQIRMKIGMNGY	GSPEPTTTGGRALKFYASV	223
NTDB id 1334 RAOC RS04870 WP 004918236.1	VDSVAALTPKAEIDGDMGDS	KMGLHARMSQALRKL	TSSISKTKCT	VIFINQLRDKIGVM	FGSPETTTGGRALKFYASV	229
NTDB id 1130 NGFG RS03960 WP 003688695.1	VDSVAALVPAEIEGDMGDS	HVGLQARMSQALRKL	TGHIKKTN	TLVVFINQIRMKIGVM	FGSPETTTGGRALKFYSSV	221
NTDB id 1124 NGFG RS03960 WP 003688695.1	VDSVAALVPAEIEGDMGDS	HVGLQARMSQALRKL	TGHIKKTN	TLVVFINQIRMKIGVM	FGSPETTTGGRALKFYSSV	221
NTDB id 1123 OK783 RS03845 WP 003688695.1	VDSVAALVPAEIEGDMGDS	HVGLQARMSQALRKL	TGHIKKTN	TLVVFINQIRMKIGVM	FGSPETTTGGRALKFYSSV	221
NTDB id 993559 AAHN93 RS11365 WP 095552384.1	VDSVAALTPKAEIEGDMGDA	LPGLQARMSQALRKL	TATIKKTN	CMVIFINQIRMKIGVM	FGSPETTTGGRALKFYASV	226
NTDB id 1427 RS RS02760 WP 011000510.1	VDSVAALVPAEIEGEMGDA	LPGLQARMSQALRKL	TGTIKR	TNCLVIFINQIRMKIGVM	FGSPETTTGGRALKFYASV	229
NTDB id 1389 A4U84 RS07560 WP 021112712.1	VDSVAALTPKAEIEGDMGDS	HMLQARMSQALRKL	TANIKNTN	CLVVFINQIRMKIGVM	FCNPETTTGGRALKFYASV	237
NTDB id 1165 A1552VC RS01565 WP 000344154.1	VDSVAALTPKAEIEGEMGDS	HMLQARMSQAMRKL	TGNLQKSN	CMCIFINQIRMKIGVM	FCNPETTTGGRALKFYASV	220
NTDB id 1142 GTF74 RS11550 WP 000344154.1	VDSVAALTPKAEIEGEMGDS	HMLQARMSQAMRKL	TGNLQKSN	CMCIFINQIRMKIGVM	FCNPETTTGGRALKFYASV	220
NTDB id 1205 PSJM300 05545 AFN77183.1	VDSVAALVPAEIEGEMGDA	HVGLQARMSQALRKL	ITGNLKNAN	CLVIFINQIRMKIGVM	FGSPETTTGGRALKFYASV	220
NTDB id 1022 ACIAD RS06390 WP 004925639.1	VDSVAALTPKAEIEGEMGDS	HMLQARMSQALRKL	ITGNAKRS	NCMVIFINQIRMKIGVM	FGSPETTTGGRALKFYASV	220
NTDB id 1074 ABD1 RS10195 WP 000344167.1	VDSVAALTPKAEIEGEMGDS	HMLQARMSQALRKL	ITGNAKRS	NCMVIFINQIRMKIGVM	FGSPETTTGGRALKFYASV	220
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 499 SM12261 RS08315 WP 078228268.1
 NTDB id 527 SMSK321 RS11065 WP 001085454.1
 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 1130 NGFG RS03960 WP 003688695.1
 NTDB id 1124 NGFG RS03960 WP 003688695.1
 NTDB id 1123 OK783 RS03845 WP 003688695.1
 NTDB id 993559 AAHN93 RS11365 WP 095552384.1
 NTDB id 1427 RS RS02760 WP 011000510.1
 NTDB id 1389 A4U84 RS07560 WP 021112712.1
 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

		EE	
NTDB id 600 KW2 RS01765 WP 011675413.1	..	387	
NTDB id 269 KZH43 RS08665 WP 001085462.1	EE	388	
NTDB id 228 SPD RS09265 WP 001085462.1	EE	388	
NTDB id 194 SPR RS08825 WP 001085462.1	EE	388	
NTDB id 159 SP RS09750 WP 001085462.1	EE	388	
NTDB id 499 SM12261 RS08315 WP 078228268.1	EE	384	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	EE	384	
NTDB id 453 Spy49 1753c ACI62003.1	..	378	
NTDB id 408 SMU RS09530 WP 002262392.1	..	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 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 993559 AAHN93 RS11365 WP 095552384.1	..	355	
NTDB id 1427 RS RS02760 WP 011000510.1	..	352	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	..	372	
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