

logo

	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSAELAWT	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSAELAWT	85
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 36767 NHAL RS16235 WP 041355116.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....

logo

	VEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQQLQQQSLEPALEELLQLSHTLMAETVTG	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	VEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQQLQQQSLEPALEELLQLSHTLMAETVTG	170
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 36767 NHAL RS16235 WP 041355116.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....

logo

	LELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLRGSSAMAQVETIFEAS	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLRGSSAMAQVETIFEAS	255
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 36767 NHAL RS16235 WP 041355116.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....

logo

	TKVEHLFKILLQEELSSHSEEILLLQEYREFVRDSLELLSRYSSSEQLLEARLLQFNQSWDAYVEQHGDRTDPLMPSHGLVSQLLQ	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	TKVEHLFKILLQEELSSHSEEILLLQEYREFVRDSLELLSRYSSSEQLLEARLLQFNQSWDAYVEQHGDRTDPLMPSHGLVSQLLQ	340
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 36767 NHAL RS16235 WP 041355116.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....

logo

	LDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEVLLDKPALLQSDYIFEIYQKAHQQLI	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEVLLDKPALLQSDYIFEIYQKAHQQLI	425
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 36767 NHAL RS16235 WP 041355116.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....

logo

	PTKLTRADLFSSEPVMTFIQGDGTEPPPMGAWEQTERLDQNNEMIRVSADLIEKMI DLSGENSINRSRIEMDLSQFSHTLVEME	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	PTKLTRADLFSSEPVMTFIQGDGTEPPPMGAWEQTERLDQNNEMIRVSADLIEKMI DLSGENSINRSRIEMDLSQFSHTLVEME	935
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 36767 NHAL RS16235 WP 041355116.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....	0

logo

	LAIQRLADQLRRMEGELETQIIAKHGIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESELLLQQSRIQ	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LAIQRLADQLRRMEGELETQIIAKHGIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESELLLQQSRIQ	1020
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 36767 NHAL RS16235 WP 041355116.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....	0

logo

	AEIQEGLMRTRLVPPFSRLLPRLQRIVRQTSTALNRP AELFVNNTEGELDRNILERLVTPL EHM LRNAIDHGLEDRAQRQQANKPE	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	AEIQEGLMRTRLVPPFSRLLPRLQRIVRQTSTALNRP AELFVNNTEGELDRNILERLVTPL EHM LRNAIDHGLEDRAQRQQANKPE	1105
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 36767 NHAL RS16235 WP 041355116.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....	0

logo

	TGRIELNIQRQGTDVVVVFSDDGQGIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIK	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	TGRIELNIQRQGTDVVVVFSDDGQGIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIK	1190
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 36767 NHAL RS16235 WP 041355116.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....	0

logo

	SLGGHVSVESVYGGTTFITIRVPTTVAVSDALMVKVADQQFAIPLAQIDRIIRVSPASLEQYFESPQELFEYENKRYPLRYLSEF	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	SLGGHVSVESVYGGTTFITIRVPTTVAVSDALMVKVADQQFAIPLAQIDRIIRVSPASLEQYFESPQELFEYENKRYPLRYLSEF	1275
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 36767 NHAL RS16235 WP 041355116.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....	0

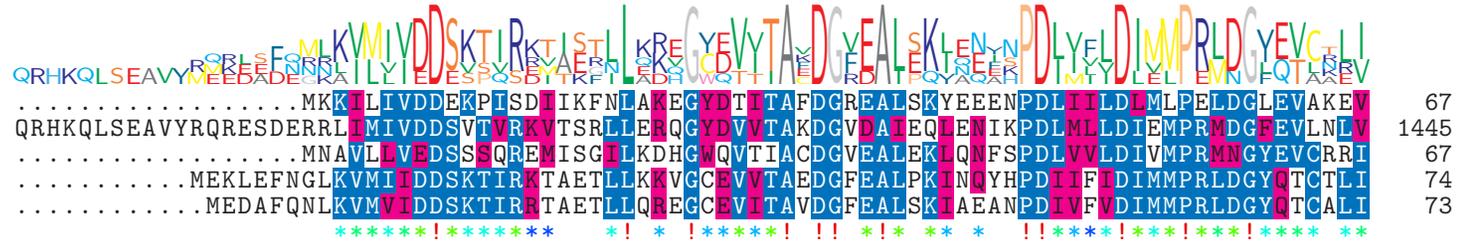
logo

NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 36767 NHAL RS16235 WP 041355116.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



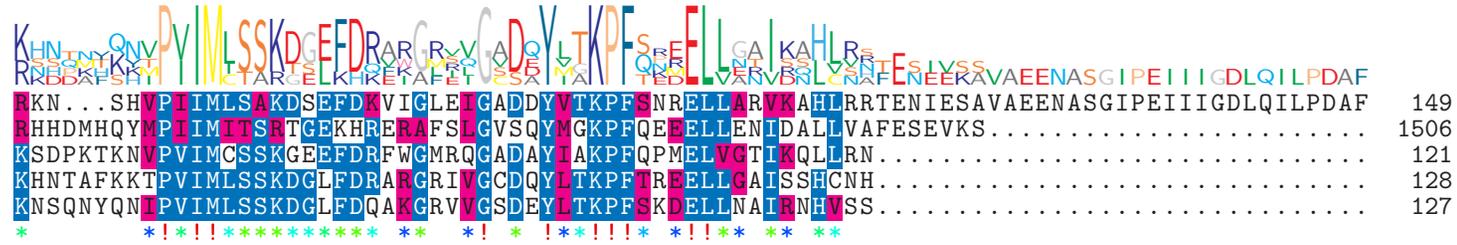
logo

NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 36767 NHAL RS16235 WP 041355116.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



logo

NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 36767 NHAL RS16235 WP 041355116.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



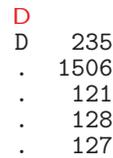
logo

NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 36767 NHAL RS16235 WP 041355116.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



logo

NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 36767 NHAL RS16235 WP 041355116.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



 non conserved
 similar
 $\geq 50\%$ conserved