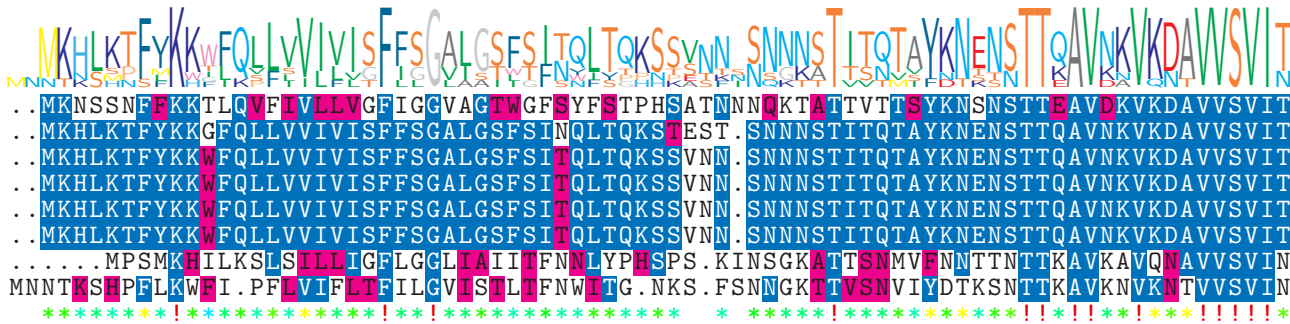


logo

NTDB id 425 SGO RS10525 WP 012131081.1
NTDB id 539 SM12261 RS09395 WP 000681587.1
NTDB id 256 KZH43 RS10270 WP 000681597.1
NTDB id 215 SPD RS10945 WP 000681597.1
NTDB id 181 SPR RS10425 WP 000681597.1
NTDB id 145 SP RS11450 WP 000681597.1
NTDB id 1138436 DQL29 RS08710 WP 002994926.1
NTDB id 381 SMU RS09890 WP 002262650.1
consensus



78
77
77
77
77
77
73
77

logo

NTDB id 425 SGO RS10525 WP 012131081.1
NTDB id 539 SM12261 RS09395 WP 000681587.1
NTDB id 256 KZH43 RS10270 WP 000681597.1
NTDB id 215 SPD RS10945 WP 000681597.1
NTDB id 181 SPR RS10425 WP 000681597.1
NTDB id 145 SP RS11450 WP 000681597.1
NTDB id 1138436 DQL29 RS08710 WP 002994926.1
NTDB id 381 SMU RS09890 WP 002262650.1
consensus



148
147
147
147
147
147
153
152

logo

NTDB id 425 SGO RS10525 WP 012131081.1
NTDB id 539 SM12261 RS09395 WP 000681587.1
NTDB id 256 KZH43 RS10270 WP 000681597.1
NTDB id 215 SPD RS10945 WP 000681597.1
NTDB id 181 SPR RS10425 WP 000681597.1
NTDB id 145 SP RS11450 WP 000681597.1
NTDB id 1138436 DQL29 RS08710 WP 002994926.1
NTDB id 381 SMU RS09890 WP 002262650.1
consensus



228
227
227
227
227
227
233
232

logo

NTDB id 425 SGO RS10525 WP 012131081.1
NTDB id 539 SM12261 RS09395 WP 000681587.1
NTDB id 256 KZH43 RS10270 WP 000681597.1
NTDB id 215 SPD RS10945 WP 000681597.1
NTDB id 181 SPR RS10425 WP 000681597.1
NTDB id 145 SP RS11450 WP 000681597.1
NTDB id 1138436 DQL29 RS08710 WP 002994926.1
NTDB id 381 SMU RS09890 WP 002262650.1
consensus



304
301
301
301
301
301
313
310

logo

NTDB id 425 SGO RS10525 WP 012131081.1	SSSSSDRLKLPD	NTDKVKN	GVVVR	STQT	IGMPAD	CKLEKYDVITK	DDTEISSASDI	QSALYKHSIN	EEIKV	TYYRD	GKE	TTT	384
NTDB id 539 SM12261 RS09395 WP 000681587.1	NTSDIRRLNIP	SNVTSGV	VRSVQSNMP	ANGHLEKYDVITKVDDKEIASSTDLQSALYNH	SIGDTIKITYYRNGKEETS	381							
NTDB id 256 KZH43 RS10270 WP 000681597.1	STSDIRRLNIP	SNVTSGV	VRSVQSNMP	ANGHLEKYDVITKVDDKEIASSTDLQSALYNH	SIGDTIKITYYRNGKEETS	381							
NTDB id 215 SPD RS10945 WP 000681597.1	NTSDIRRLNIP	SNVTSGV	VRSVQSNMP	ANGHLEKYDVITKVDDKEIASSTDLQSALYNH	SIGDTIKITYYRNGKEETS	381							
NTDB id 181 SPR RS10425 WP 000681597.1	STSDIRRLNIP	SNVTSGV	VRSVQSNMP	ANGHLEKYDVITKVDDKEIASSTDLQSALYNH	SIGDTIKITYYRNGKEETS	381							
NTDB id 145 SP RS11450 WP 000681597.1	STSDIRRLNIP	SNVTSGV	VRSVQSNMP	ANGHLEKYDVITKVDDKEIASSTDLQSALYNH	SIGDTIKITYYRNGKEETS	381							
NTDB id 1138436 DQL29 RS08710 WP 002994926.1	STNALSQINIP	TSVTGGIV	VAEVKEGMPAS	GKLAQYDVITE	DGKTVNST	SDLQSSLYGHD	INDTIKVT	RYRGTTKKK	KAD	393			
NTDB id 381 SMU RS09890 WP 002262650.1	STSGRDTL	KIPSDVTSGIV	VLSTQSGMPAD	CKLKKYDVITE	DGKKVASIS	DLQSLYKHKK	GDKIKL	TFYREKDK	IVE	390			
consensus	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	

logo

NTDB id 425 SGO RS10525 WP 012131081.1	IKLTKSTDDLSSE.	397
NTDB id 539 SM12261 RS09395 WP 000681587.1	IKLDKSSGDLES..	393
NTDB id 256 KZH43 RS10270 WP 000681597.1	IKLTKSSGDLES..	393
NTDB id 215 SPD RS10945 WP 000681597.1	IKLTKSSGDLES..	393
NTDB id 181 SPR RS10425 WP 000681597.1	IKLTKSSGDLES..	393
NTDB id 145 SP RS11450 WP 000681597.1	IKLTKSSGDLES..	393
NTDB id 1138436 DQL29 RS08710 WP 002994926.1	IKLTKTTQDLTKTQ	407
NTDB id 381 SMU RS09890 WP 002262650.1	IKLTKTSQDLNH..	402
consensus	!*! !***!!**	

- X

 non conserved
- X

 similar
- X

 ≥ 50% conserved