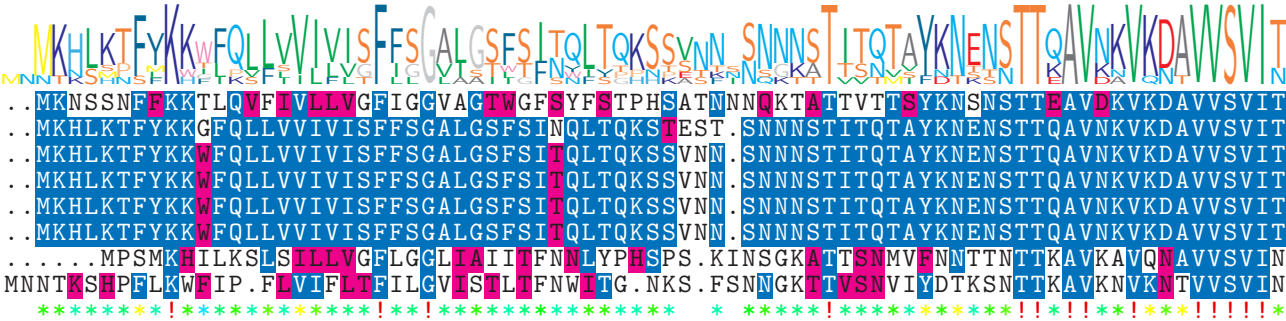


logo

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 341402 ETT65 RS09515 WP 002991468.1
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 341402 ETT65 RS09515 WP 002991468.1
NTDB id 381 SMU RS09890 WP 002262650.1
consensus



148
147
147
147
147
147
153
152

logo

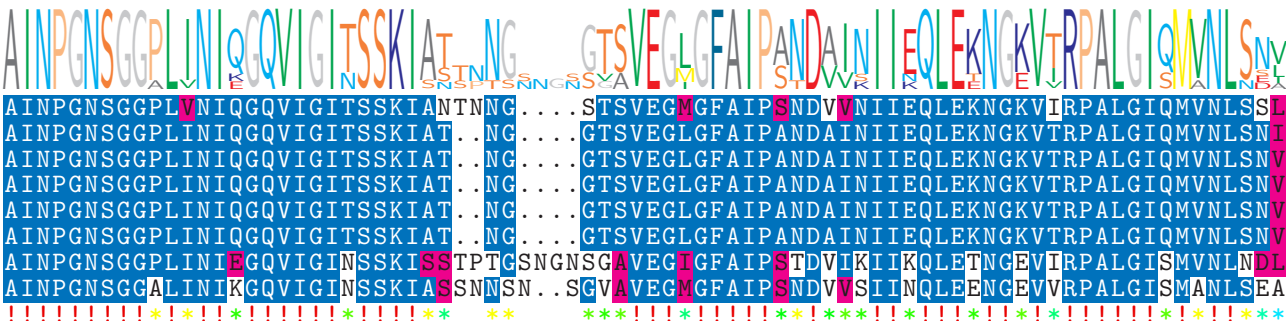
NTDB id 425 SGO RS10525 WP 012131081.1
NTDB id 539 SM12261 RS09395 WP 000681587.1
NTDB id 256 KZH43 RS10270 WP 000681597.1
NTDB id 215 SPD RS10945 WP 000681597.1
NTDB id 181 SPR RS10425 WP 000681597.1
NTDB id 145 SP RS11450 WP 000681597.1
NTDB id 341402 ETT65 RS09515 WP 002991468.1
NTDB id 381 SMU RS09890 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 341402 ETT65 RS09515 WP 002991468.1
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	NVKN	GVVVR	STQT	TGMPADG	KLEKYDVITK	IDDTEISSASDI	QSALYKHSIN	EEIKV	TYYRD	GKEQTTT	384				
NTDB id 539 SM12261 RS09395 WP 000681587.1	NTSDIRRLNIP	SNVTSGV	VRSVQSN	MPANGHLE	KYDVITK	VDDKEIAS	STDLSALYNH	SIGDTIKI	TYRNGKE	ETTS		381				
NTDB id 256 KZH43 RS10270 WP 000681597.1	NTSDIRRLNIP	SNVTSGV	VRSVQSN	MPANGHLE	KYDVITK	VDDKEIAS	STDLSALYNH	SIGDTIKI	TYRNGKE	ETTS		381				
NTDB id 215 SPD RS10945 WP 000681597.1	NTSDIRRLNIP	SNVTSGV	VRSVQSN	MPANGHLE	KYDVITK	VDDKEIAS	STDLSALYNH	SIGDTIKI	TYRNGKE	ETTS		381				
NTDB id 181 SPR RS10425 WP 000681597.1	NTSDIRRLNIP	SNVTSGV	VRSVQSN	MPANGHLE	KYDVITK	VDDKEIAS	STDLSALYNH	SIGDTIKI	TYRNGKE	ETTS		381				
NTDB id 145 SP RS11450 WP 000681597.1	NTSDIRRLNIP	SNVTSGV	VRSVQSN	MPANGHLE	KYDVITK	VDDKEIAS	STDLSALYNH	SIGDTIKI	TYRNGKE	ETTS		381				
NTDB id 341402 ETT65 RS09515 WP 002991468.1	STNAL	LSQINIP	TSVTGG	IVVAE	VKEGMP	ASGKLA	QYDVITE	IDGKT	VNSIS	SDLQSS	LYGHDIND	TIKVT	FYRGTT	KKKAD	393	
NTDB id 381 SMU RS09890 WP 002262650.1	STSGRDT	LKIP	SDVTSG	IVVLST	QSGMP	ADGKLK	KYDVITE	IDGKK	VASIS	DLQSILY	KHKKG	DKIKL	TFYREK	DKQ	TVE	390
consensus	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	

logo

NTDB id 425 SGO RS10525 WP 012131081.1	IKLTK	ST	DDL	SSE.	397
NTDB id 539 SM12261 RS09395 WP 000681587.1	IKL	DKSSGD	LES..		393
NTDB id 256 KZH43 RS10270 WP 000681597.1	IKLN	KSSGD	LES..		393
NTDB id 215 SPD RS10945 WP 000681597.1	IKLN	KSSGD	LES..		393
NTDB id 181 SPR RS10425 WP 000681597.1	IKLN	KSSGD	LES..		393
NTDB id 145 SP RS11450 WP 000681597.1	IKLN	KSSGD	LES..		393
NTDB id 341402 ETT65 RS09515 WP 002991468.1	IKLTK	TTQDL	TKTQ		407
NTDB id 381 SMU RS09890 WP 002262650.1	IQLTK	TSQDL	NH..		402
consensus	!*!	!***!	!*		

- ⓧ

 non conserved
- ✖

 similar
- ⓧ

 ≥ 50% conserved