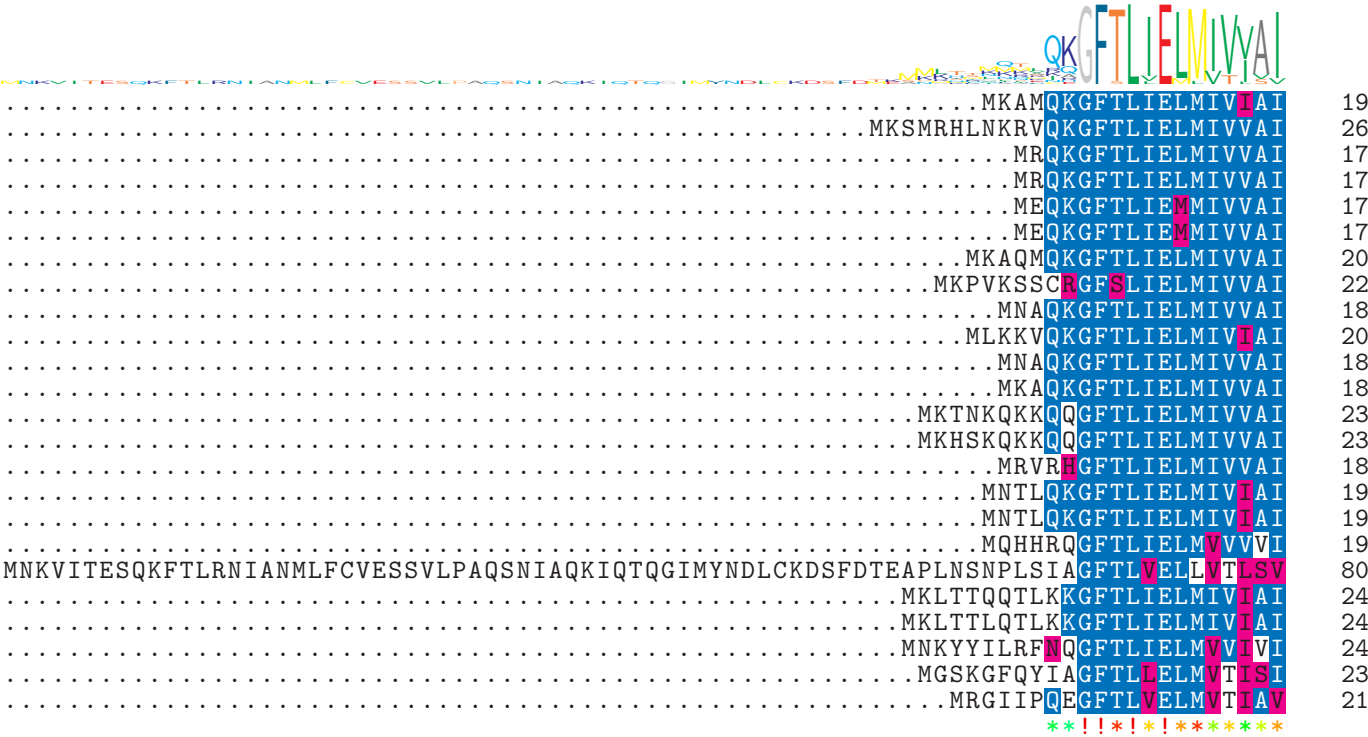


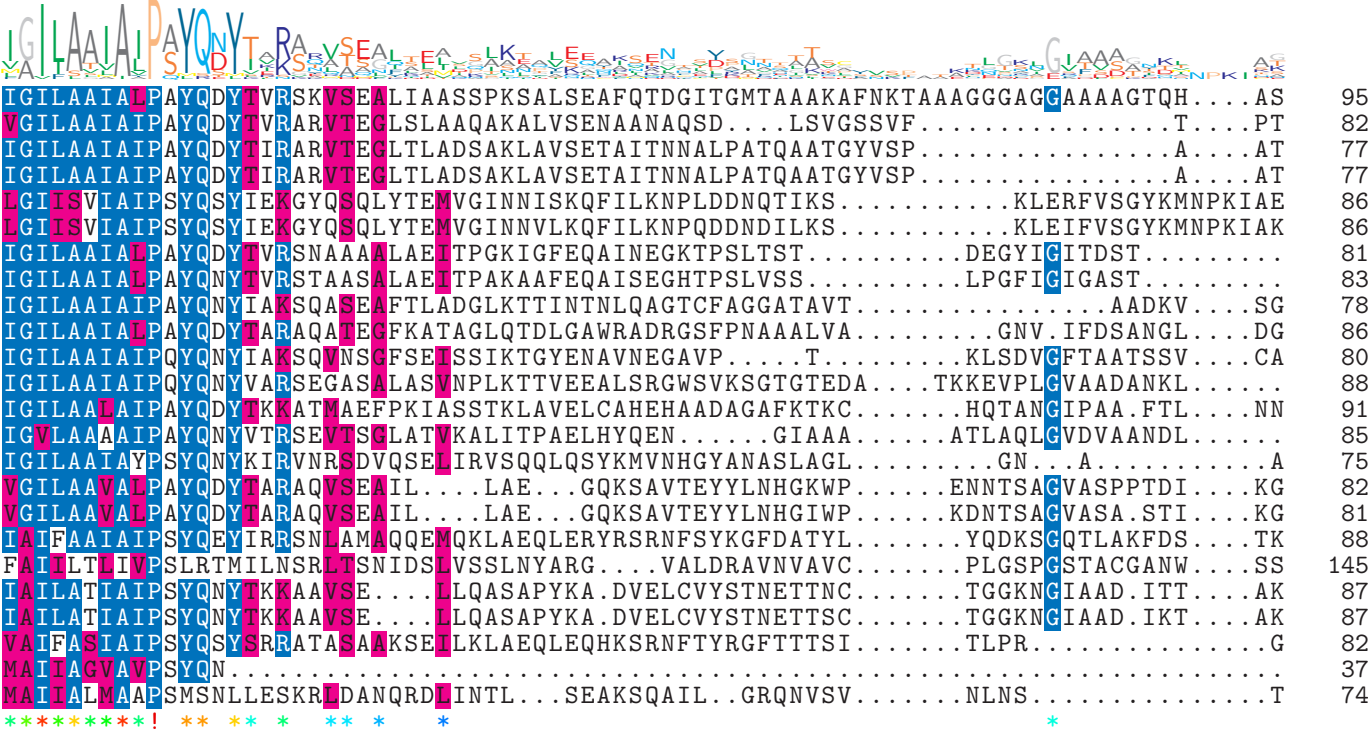
logo

NTDB	id	1188	NELON	RS01755	WP	003772458.1
NTDB	id	1424	RS	RS02795	WP	011000517.1
NTDB	id	1274	LPP	RS09530	WP	011214168.1
NTDB	id	1258	GCO85	RS09745	WP	014844212.1
NTDB	id	1088	NMV	RS07470	WP	173277181.1
NTDB	id	1140	NGFG	RS02440	WP	025455870.1
NTDB	id	1197	PSJM300	03940	AFN	76866.1
NTDB	id	1204	PSJM300	03935	AFN	76865.1
NTDB	id	1079	FDQ49	RS11140	WP	022575996.1
NTDB	id	1191	AAC28468.1	484..945()		
NTDB	id	1038	HON27	RS01510	WP	000993725.1
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1
NTDB	id	1400	DSB67	RS12660	WP	010643261.1
NTDB	id	1292	VP	RS12235	WP	005479693.1
NTDB	id	1007	ACIAD	RS15000	WP	004923844.1
NTDB	id	1119	NGFG	RS11465	WP	017147169.1
NTDB	id	1109	OK783	RS10670	WP	157147416.1
NTDB	id	1006	ACIAD	RS15005	WP	004923843.1
NTDB	id	1282	ACE17W	RS10880	WP	010946369.1
NTDB	id	1365	NTHI	RS01955	WP	011271973.1
NTDB	id	1354	HI	0299	AAC	21963.1
NTDB	id	1064	ABD1	RS15725	WP	001046490.1
NTDB	id	81259	MARGE09	RS21720	WP	420828088.1
NTDB	id	1068	ABD1	RS15750	WP	001214065.1
consensus						



logo

NTDB	id	1188	NELON	RS01755	WP	003772458.1
NTDB	id	1424	RS	RS02795	WP	011000517.1
NTDB	id	1274	LPP	RS09530	WP	011214168.1
NTDB	id	1258	GCO85	RS09745	WP	014844212.1
NTDB	id	1088	NMV	RS07470	WP	173277181.1
NTDB	id	1140	NGFG	RS02440	WP	025455870.1
NTDB	id	1197	PSJM300	03940	AFN	76866.1
NTDB	id	1204	PSJM300	03935	AFN	76865.1
NTDB	id	1079	FDQ49	RS11140	WP	022575996.1
NTDB	id	1191	AAC28468.1	484..945()		
NTDB	id	1038	HON27	RS01510	WP	000993725.1
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1
NTDB	id	1400	DSB67	RS12660	WP	010643261.1
NTDB	id	1292	VP	RS12235	WP	005479693.1
NTDB	id	1007	ACIAD	RS15000	WP	004923844.1
NTDB	id	1119	NGFG	RS11465	WP	017147169.1
NTDB	id	1109	OK783	RS10670	WP	157147416.1
NTDB	id	1006	ACIAD	RS15005	WP	004923843.1
NTDB	id	1282	ACE17W	RS10880	WP	010946369.1
NTDB	id	1365	NTHI	RS01955	WP	011271973.1
NTDB	id	1354	HI	0299	AAC	21963.1
NTDB	id	1064	ABD1	RS15725	WP	001046490.1
NTDB	id	81259	MARGE09	RS21720	WP	420828088.1
NTDB	id	1068	ABD1	RS15750	WP	001214065.1
consensus						



logo

NTDB id 1188 NELON RS01755 WP 003772458.1	KYVKS	VKVT..EAS	PW..DIT	VAISATEANGIPTGLDGNT	RI	FPLVNK..AV.....P.AATSTGAID	MAC	155
NTDB id 1424 RS RS02795 WP 011000517.1	KNVAN	LTIAGTGTVP	G..QIT	VITY.....TTAAGGGT	LAL	VPTAAGTAL.....PVSSAPSGPIM	TC	138
NTDB id 1274 LPP RS09530 WP 011214168.1	PNVAS	IAIG...ANG..VIT	ITY.....TAAAGGGT	IVMT	PTLQ.....ANGDVT	TC	120	
NTDB id 1258 GC085 RS09745 WP 014844212.1	PNVQS	IAIG...ANG..VIT	ITY.....TAAAGGGT	IIMT	PTLQ.....ANGDVT	TC	120	
NTDB id 1088 NMV RS07470 WP 173277181.1	KYNVS	V....HFVNKEKPRAY	SLVG....VPKTGTGYT	L.....SVWM.....NSVGDG	YKC		130	
NTDB id 1140 NGFG RS02440 WP 025455870.1	KYSVS	V....RFVD	AEKPRAYRLVG....VPNAGTGYT	L.....SVWM.....NSVGDG	YKC		130	
NTDB id 1197 PSJM300 03940 AFN76866.1	SYCDV	D..L.DTAAD	G..HIECT	AKGG...NAGKFDGKT	IT	NR..T.....ADGE	WC	125
NTDB id 1204 PSJM300 03935 AFN76865.1	NYCTV	T..L.IATAT	G..SITCT	TQNG...MPDRFNGKT	IT	AR..T.....TDGL	DC	127
NTDB id 1079 FDQ49 RS11140 WP 022575996.1	KYGDA	E.IG.GTAPNC..TIT	YTFKS.....SGVSNK..LTST	KIVMNVSETGILT..KNSG.....			127	
NTDB id 1191 AAC28468.1 484..945()	KYFAP	GGVT.VTPDT	G..AIN	IAFDAGA.....NAGKTM	IT	PTVI..AASG.....QIST	TC	135
NTDB id 1038 HON27 RS01510 WP 000993725.1	TYSID	A...FTETD	GAGKITCT	ILKG.....NPKIATKIVEL	TR..S.....TDGA	TC	123	
NTDB id 1192 PAKAF RS23870 WP 024947914.1	GT	TALK...PDPAD	CTADIT	LTFTM...GGAGPKNKGKI	IT	TR..T..AADG.LW.....KC	135	
NTDB id 1400 DSB67 RS12660 WP 010643261.1	LT	VTPA...AGAAS	G..AISIT	VNAANDKGPIKQNEKYI	LTAT...Y..ASNGVTWSSECKDATNAVQTS.....YC		153	
NTDB id 1292 VP RS12235 WP 005479693.1	GALDS	A.....LAGG	SPTLT	TFIFDA.....DSSIDGGI	LTFR..D.....AATG	WC	126	
NTDB id 1007 ACIAD RS15000 WP 004923844.1	SY	PVTGT	.AFYT	INLAV.....DSDNQQGYV	LTATP..I..SST.....MQAGNGI	IC	117	
NTDB id 1119 NGFG RS11465 WP 017147169.1	KYVKE	V....EVKN	G..V	TATMLS.....SGVNNEI...KG..K...KLSLWGRRENG.....SVK	FC		128	
NTDB id 1109 OK783 RS10670 WP 157147416.1	KYVQK	V....EVAK	G..V	TAAQMAS.....TGVNKEI...QD..K...KLSLWAKRQDG.....SVK	FC		127	
NTDB id 1006 ACIAD RS15005 WP 004923843.1	QIVQLP	...LDTSNT..KYT	LAVVD.....TTTNN...PL	TS..A..NAIGQQWAIKAMSADNNNYSLLL	TNTG	FC	149	
NTDB id 1282 ACE17W RS10880 WP 010946369.1	GWIVVT	...QPVAG	.APTLL	KSHQ.....TSVNDPV...ITS..N..VSSVVFDPHGLSTTQSNF.....			194	
NTDB id 1365 NTHI RS01955 WP 011271973.1	GYVKS	V...TTSNG..A	ITVKGDG.....TLANMEYI	LQATG..N..AATGVTWTTTCKGTDASLFPAN.....FC			144	
NTDB id 1354 HI 0299 AAC21963.1	GYVAS	V....ITQSG..G	ITVKGNG.....TLANMEYI	LQAKG..N..AAAGVTWTTTCKGTDASLFPAN.....FC			144	
NTDB id 1064 ABD1 RS15725 WP 001046490.1	GY	TIQ	ITDDT.....TTG.....NLT	IN..T..AANGQTWVIKATTTDSRNFNFIAKNSGLR	C		131	
NTDB id 81259 MARGE09 RS21720 WP 420828088.1	AS	NT..PT	SLNWQT.....ASN...NT	ELKN..I..AADGTQSSSLTTTT...LAFNA...NGVV.			37	
NTDB id 1068 ABD1 RS15750 WP 001214065.1	AS	NT..PT	SLNWQT.....ASN...NT	ELKN..I..AADGTQSSSLTTTT...LAFNA...NGVV.			119	
consensus	**		*	****		* **	* *	

logo

NTDB id 1188	NELON RS01755 WP 003772458.1	ASAAKETADKRFGTGSGVAVGTLP	PAKYAPSECK	188		
NTDB id 1424	RS RS02795 WP 011000517.1	YAQNKAQAASSVAPS...GTMSL	AAKYAPAECCR	168		
NTDB id 1274	LPP RS09530 WP 011214168.1	TGG.....TTL	LAKYRPASCRP	136		
NTDB id 1258	GCO85 RS09745 WP 014844212.1	TGG.....TTL	LAKYRPASCRP	136		
NTDB id 1088	NMV RS07470 WP 173277181.1	RDAASARAH.....	LETLSSDVGCEAFSNRKK	157		
NTDB id 1140	NGFG RS02440 WP 025455870.1	RDATSAQVY.....	LETLSANTGCEAFSNRKK	157		
NTDB id 1197	PSJM300 03940 AFN76866.1	AST.....	LDAKYKPGKCS	139		
NTDB id 1204	PSJM300 03935 AFN76865.1	TSD.....	LDSRYKPGKCL	141		
NTDB id 1079	FDQ49 RS11140 WP 022575996.1		TDTPVELLPQS	FVAS	142	
NTDB id 1191	AAC28468.1 484..945()	APGA.....	ANGLET	RRLLPTSCQ*	153	
NTDB id 1038	HON27 RS01510 WP 000993725.1	VSD.....	VPTEFLPKGCT	AGTPT	EGAITSL	149
NTDB id 1192	PAKAF RS23870 WP 024947914.1	TSD.....	QDEQFIPKGCSK	150		
NTDB id 1400	DSB67 RS12660 WP 010643261.1	P.....		154		
NTDB id 1292	VP RS12235 WP 005479693.1	LPTAPAI	AVD.....GCS	139		
NTDB id 1007	ACIAD RS15000 WP 004923844.1	LNQ.....		DGQKFWSKAATACSLSSNSTWDGR	144	
NTDB id 1119	NGFG RS11465 WP 017147169.1	GQPVTRADDDTVADAK..	DGKEIDTKHLPSTCRDKASDAK	166		
NTDB id 1109	OK783 RS10670 WP 157147416.1	GQPVTRTGDNDDTVAD..	ANNAIDTKHLPSTCRDESSAT	164		
NTDB id 1006	ACIAD RS15005 WP 004923843.1	KNKTWANI.....	SSSSCGTGSESW	169		
NTDB id 1282	ACE17W RS10880 WP 010946369.1		TMCDNRGN	AFARSAMVLATGFVQSGTTPGQAVWNNGALNCP	235	
NTDB id 1365	NTHI RS01955 WP 011271973.1	GSVTQ.....		149		
NTDB id 1354	HI 0299 AAC21963.1	GSVTK.....		149		
NTDB id 1064	ABD1 RS15725 WP 001046490.1	QSLTATAVD.....	NDCGGTVTCNVCE	TNSENWQ	160	
NTDB id 81259	MARGE09 RS21720 WP 420828088.1			37		
NTDB id 1068	ABD1 RS15750 WP 001214065.1		ANTQD	TLLSICNSRINKKKVIILTK	157	
consensus						

- ⓧ non conserved
- ⓧ similar
- ⓧ ≥ 50% conserved