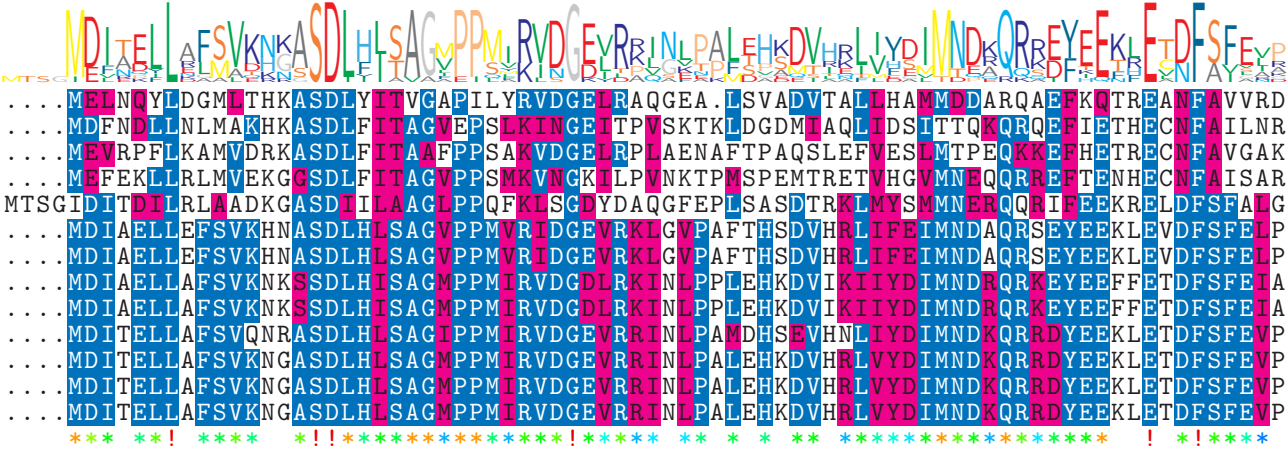


logo

NTDB	id	1177	A1552VC	RS01165	WP	000422572.1
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1
NTDB	id	86602	K5632	RS06305	WP	025887558.1
NTDB	id	1203	PSJM300	01605	AFN	76401.1
NTDB	id	1307	DR	RS10055	WP	010888596.1
NTDB	id	1185	GTF74	RS11940	WP	000350195.1
NTDB	id	1176	A1552VC	RS01160	WP	000350195.1
NTDB	id	1283	ACE17W	RS02630	WP	010947729.1
NTDB	id	1259	GC085	RS10305	WP	010947729.1
NTDB	id	1020	ACIAD	RS04210	WP	011182164.1
NTDB	id	1060	ABD1	RS04380	WP	000355489.1
NTDB	id	1040	HON27	RS13360	WP	000355489.1
NTDB	id	1081	FDQ49	RS05335	WP	006581387.1
consensus						



75
76
76
76
80
76
76
76
76
76
76
76
76

logo

NTDB	id	1177	A1552VC	RS01165	WP	000422572.1
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1
NTDB	id	86602	K5632	RS06305	WP	025887558.1
NTDB	id	1203	PSJM300	01605	AFN	76401.1
NTDB	id	1307	DR	RS10055	WP	010888596.1
NTDB	id	1185	GTF74	RS11940	WP	000350195.1
NTDB	id	1176	A1552VC	RS01160	WP	000350195.1
NTDB	id	1283	ACE17W	RS02630	WP	010947729.1
NTDB	id	1259	GC085	RS10305	WP	010947729.1
NTDB	id	1020	ACIAD	RS04210	WP	011182164.1
NTDB	id	1060	ABD1	RS04380	WP	000355489.1
NTDB	id	1040	HON27	RS13360	WP	000355489.1
NTDB	id	1081	FDQ49	RS05335	WP	006581387.1
consensus						



153
156
155
155
159
155
155
155
155
155
155
155
155

logo

NTDB	id	1177	A1552VC	RS01165	WP	000422572.1
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1
NTDB	id	86602	K5632	RS06305	WP	025887558.1
NTDB	id	1203	PSJM300	01605	AFN	76401.1
NTDB	id	1307	DR	RS10055	WP	010888596.1
NTDB	id	1185	GTF74	RS11940	WP	000350195.1
NTDB	id	1176	A1552VC	RS01160	WP	000350195.1
NTDB	id	1283	ACE17W	RS02630	WP	010947729.1
NTDB	id	1259	GC085	RS10305	WP	010947729.1
NTDB	id	1020	ACIAD	RS04210	WP	011182164.1
NTDB	id	1060	ABD1	RS04380	WP	000355489.1
NTDB	id	1040	HON27	RS13360	WP	000355489.1
NTDB	id	1081	FDQ49	RS05335	WP	006581387.1
consensus						



233
236
235
235
239
235
235
235
235
235
235
235
235

NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 86602 K5632 RS06305 WP 025887558.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1307 DR RS10055 WP 010888596.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
consensus



```

NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 86602 K5632 RS06305 WP 025887558.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1307 DR RS10055 WP 010888596.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
consensus

```



```

NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 86602 K5632 RS06305 WP 025887558.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1307 DR RS10055 WP 010888596.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17R RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
consensus

```

 non conserved
 similar
 $\geq 50\%$ conserved