

logo

NTDB id 1306 DR RS10060 WP 027479822.1	MSXLSIGDRRLGAALLDQGYLDNBLQRALERHSEVGGRLA5VLYD5GYSERRIA5XIE5F5GIPLV5LH5V5T5P5X5K	79
NTDB id 1028 TT RS08215 WP 011173991.1	.MALSIGDRRLGAILLDQGYLGDNLDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	80
NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 53750 B5T RS17170 WP 014995800.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

logo

NTDB id 1306 DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTL5LEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1410 SGL RS13950 WP 010873519.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 53750 B5T RS17170 WP 014995800.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

logo

NTDB id 1306 DR RS10060 WP 027479822.1	SDAGRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1028 TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
NTDB id 1410 SGL RS13950 WP 010873519.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 53750 B5T RS17170 WP 014995800.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

logo

NTDB id 1306 DR RS10060 WP 027479822.1	LSMLRSDALRYLAVPYGESNVEVYTSDPKRKERYRLLNRPXSMLEPSTYEELEHSEYPQRNRLGEXLVQEGGLSR	317
NTDB id 1028 TT RS08215 WP 011173991.1	GSMLRADALRLLAVPVDETEQQVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQGRGLGEQLVQEGTLSR	317
NTDB id 1410 SGL RS13950 WP 010873519.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	3
NTDB id 1110 NGFG RS09235 WP 003689817.1	MTS	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 53750 B5T RS17170 WP 014995800.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

logo

NTDB id 1306 DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGEVITELGFASPDVDSALQKQNVGGRIEDTLVQS..GKLSPEMLARS.....LAAQL	388
NTDB id 1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGEILVELGLIARPEVEEALQKQRRGGRIEDTLVQS..GKLRPEALAAQA.....VATQL	388
NTDB id 1410 SGL RS13950 WP 010873519.1	SSSSKKSRAVALRNYFSPFGNKLVAAGHVDAAQLRQALVQVKKTGRSLPEELKAVTGRELSPELLRQYKKNQLFELKVLV	83
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQAEHYNE.SQAGKEVLPMLFSD..GVISPKSLAAL.....IARVF	56
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVAILRQAEILSATQEAVVTQVSASGTSVPEALLEL..SIFHAQELTEQ.....LSHIF	57
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSLILRQKGLLTFSSQESLIEQVKASGISMPEALLSS..GFFTSSSLAEH.....LSSIF	57
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFSSQESLIEQVKASGISMPEALLSS..GFFQSHLITEH.....LSSVF	57
NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQIALT.....AAQNF	65
NTDB id 53750 B5T RS17170 WP 014995800.1	MSSPQSSSLGLARRLVNECHLSTEQVMEAGAARREQMPLVRRLVGS..GLLTAATVARA.....SAEEF	63
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MSALHTSPKFTGFFRRLVEEKHVSAAATMQTALDAAKRAKQDTVAYLIEE..VHLSPSLLAET.....ISAEF	65
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDTPVYLIIDN..FSISPLTIAEI.....ISLEF	65
consensus	* * * * *	

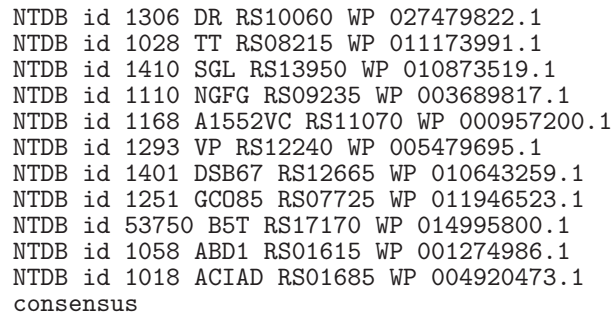
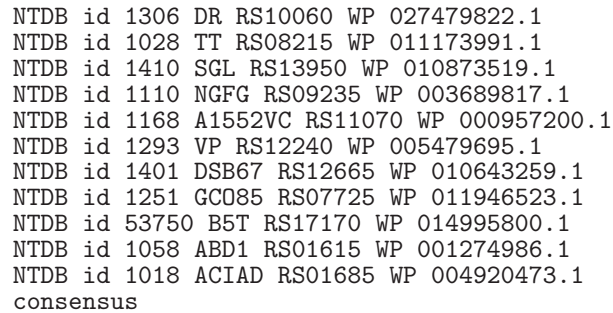
logo

NTDB id 1306 DR RS10060 WP 027479822.1	GYEFLDPIQNPPD.....PKVALMPEATARRVVPVRLQ...GNSLVVAMKDPRNVFALDDLKLITG.....KEILPA	455
NTDB id 1028 TT RS08215 WP 011173991.1	GYFYVDPEEDPPD.....PGAPLLLPEDLCRRYGVFPHRLE...GNRLVLLMKDPRNILALDDVRLALKRKGLNYEVAPA	460
NTDB id 1410 SGL RS13950 WP 010873519.1	GVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPPSVLVAMVDPDNLAQDELNRILRVKGFEE..LRRL	161
NTDB id 1110 NGFG RS09235 WP 003689817.1	SYSILDLRHVPRH.....RVLIMGVLTEEQMVEFHCVPVFRR...GDKVFFAVSDPTQMPQIQKTV...SAAGTAA..VELV	123
NTDB id 1168 A1552VC RS11070 WP 000957200.1	GLPETDLSDYDYA.....NLCQQGLGLRELITRYDALPIAKQ...GNLILLAVSDPTLLQAEEFFR...FATGLQ..VELA	124
NTDB id 1293 VP RS12240 WP 005479695.1	GLSQPELSQYEYA.....SLCQQGLGLRELITRHNAIPLHRT...PSTLLAVADPTNQQAEDDFR...FATGLQ..VELV	124
NTDB id 1401 DSB67 RS12665 WP 010643259.1	GLSCTSLNQYEYA.....SLCQTLGLRLDITRHNAIPLNRT...SSTLILAVADPTNLQAEDDFR...FATGLQ..VELV	124
NTDB id 1251 GC085 RS07725 WP 011946523.1	GVPMIDINCIDVG.....TIPVNLVNEKLIKRRHAMVPLFSR...GTNLYLATDDPSKQASLKEIQ...FHTGLN..THAI	132
NTDB id 53750 B5T RS17170 WP 014995800.1	GDPVIDLDLAFSPD.....VLVKDLVDTKLIARHTVLPLYKR...GSRLFVAVSDPTNLPALEEIR...FNTGLN..VETV	130
NTDB id 1058 ABD1 RS01615 WP 001274986.1	AEPYFDLDVYDTS.....QIPKDLVDQKLILKHRILPLIQR...GQILYVATSNPSNIEAIDAIR...FNSKLL..VEPV	132
NTDB id 1018 ACIAD RS01685 WP 004920473.1	GEPLIDLGVFDPA.....LFLKDKLIDEKLIQKYRIMPLVHR...GHVLYVATSNPTNIEAMDAIR...FNSKLL..VEPI	132
consensus	* * * * *	

```

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 53750 B5T RS17170 WP 014995800.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

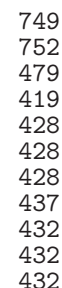
```



```

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 53750 B5T RS17170 WP 014995800.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

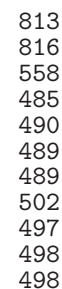
```



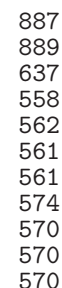
```

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 53750 B5T RS17170 WP 014995800.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

```



```
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 53750 B5T RS17170 WP 014995800.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus
```



logo

NTDB id 1306 DR RS10060 WP 027479822.1	EMRAKRKSALTCRTCAAELQQEWLDCPYQMTSRFS	887
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKSALTCRTCAAELQQEWLDCPYQMTSRFS	672
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	558
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 53750 B5T RS17170 WP 014995800.1	.....	570
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

- X non conserved
- X similar
- X ≥ 50% conserved