

logo

NTDB id 1306 DR RS10060 WP 027479822.1	MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAALR	80
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 208040 PFAS1 RS15700 WP 076029718.1	.....	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	SIRPQTALNLQAFPFALEGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIEIVVPSGASDA	160
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 208040 PFAS1 RS15700 WP 076029718.1	.....	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	GRTGGKLGGERLITHGYITDAQLQVALDAQQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPNSGFHPGEEVLGSM	240
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 208040 PFAS1 RS15700 WP 076029718.1	.....	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	LRADALRLLAVPVDETEQGVTVLTS DPRKRDPIDALIGRPVQLMLTRPRDIERLIEQFYPQGRGLGEQLVQEGTLSRDQL	320
NTDB id 1110 NGFG RS09235 WP 003689817.1	..... MSVGLLRITLVQNV.....	14
NTDB id 1168 A1552VC RS11070 WP 000957200.1	..... MLTNLVAILRQAE.....	14
NTDB id 1293 VP RS12240 WP 005479695.1	..... MHSNLSLIRKQGL.....	14
NTDB id 1401 DSB67 RS12665 WP 010643259.1	..... MLTNLSTVLRQAGI.....	14
NTDB id 1251 GC085 RS07725 WP 011946523.1	..... MA..LATEEYRLQGIQLLVLEKL.....	22
NTDB id 208040 PFAS1 RS15700 WP 076029718.1	..... MNDIALSGIAKQLVLAEL.....	18
NTDB id 1058 ABD1 RS01615 WP 001274986.1	..... MS..ALHTSPKFTGFFRRLVEEKH.....	22
NTDB id 1018 ACIAD RS01685 WP 004920473.1	..... MS..AFTTPKFSGFIRRLVEEGY.....	22
consensus		

\*\*\* \*!\*\*\* \*



logo

NTDB id 1306 DR RS10060 WP 027479822.1  
 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 208040 PFAS1 RS15700 WP 076029718.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



707  
377  
386  
386  
386  
395  
388  
390  
390

logo

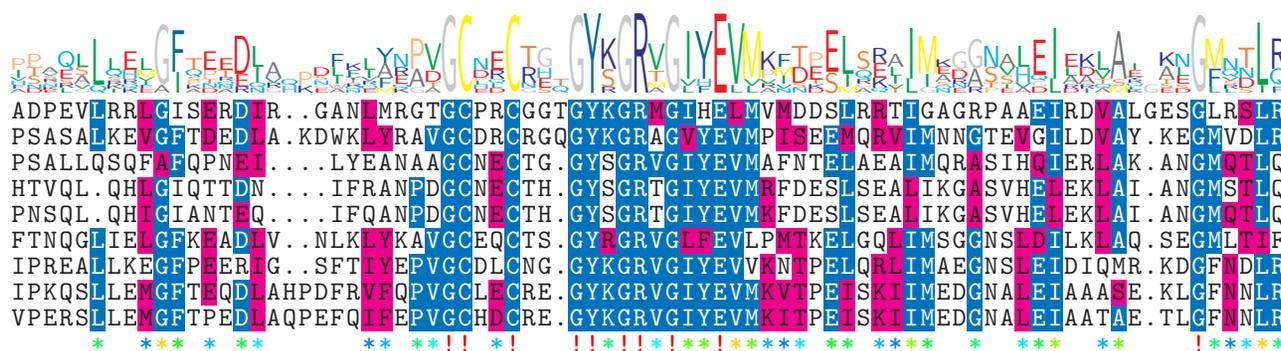
NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 208040 PFAS1 RS15700 WP 076029718.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



786  
457  
465  
465  
465  
475  
467  
469  
469

logo

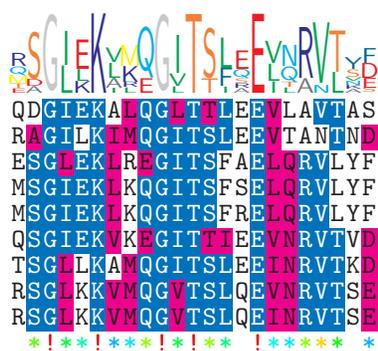
NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 208040 PFAS1 RS15700 WP 076029718.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



864  
535  
539  
538  
538  
551  
543  
547  
547

logo

NTDB id 1306 DR RS10060 WP 027479822.1  
 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 208040 PFAS1 RS15700 WP 076029718.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



887  
558  
562  
561  
561  
574  
566  
570  
570

 non conserved  
 similar  
  $\geq 50\%$  conserved