

logo

		MALSIGDRRLGATLLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAALR	
NTDB id 1306 DR RS10060 WP 027479822.1		MALSIGDRRLGATLLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAALR	80
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 1110 NGFG RS09235 WP 003689817.1	.....		0
NTDB id 1147237 CKW04 RS08570 WP 058481709.1	.....		0
NTDB id 1251 GCO85 RS07725 WP 011946523.1	.....		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....		0
consensus			

logo

		SIRPQTALNLQAFPPFALEGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIIVVPSGASDA	
NTDB id 1306 DR RS10060 WP 027479822.1		SIRPQTALNLQAFPPFALEGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIIVVPSGASDA	160
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 1110 NGFG RS09235 WP 003689817.1	.....		0
NTDB id 1147237 CKW04 RS08570 WP 058481709.1	.....		0
NTDB id 1251 GCO85 RS07725 WP 011946523.1	.....		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....		0
consensus			

logo

		CRTGGKLGGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSM	
NTDB id 1306 DR RS10060 WP 027479822.1		CRTGGKLGGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSM	240
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 1110 NGFG RS09235 WP 003689817.1	.....		0
NTDB id 1147237 CKW04 RS08570 WP 058481709.1	.....		0
NTDB id 1251 GCO85 RS07725 WP 011946523.1	.....		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....		0
consensus			

logo

		LRADALRLLAVPVDETEQGVTVLTSDFRKRDPDIDALIGRPVQLMLTRPRDIERLIEQFYFQRGRGCEQLVQEGTILSRDQL	
NTDB id 1306 DR RS10060 WP 027479822.1		LRADALRLLAVPVDETEQGVTVLTSDFRKRDPDIDALIGRPVQLMLTRPRDIERLIEQFYFQRGRGCEQLVQEGTILSRDQL	320
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 1110 NGFG RS09235 WP 003689817.1	.....		0
NTDB id 1147237 CKW04 RS08570 WP 058481709.1	.....		0
NTDB id 1251 GCO85 RS07725 WP 011946523.1	.....		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
 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 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1147237 CKW04 RS08570 WP 058481709.1
 NTDB id 1251 GCO85 RS07725 WP 011946523.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



707
386
386
386
377
394
395
390
390

logo

NTDB id 1306 DR RS10060 WP 027479822.1
 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 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1147237 CKW04 RS08570 WP 058481709.1
 NTDB id 1251 GCO85 RS07725 WP 011946523.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



786
465
465
465
457
474
475
469
469

logo

NTDB id 1306 DR RS10060 WP 027479822.1
 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 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1147237 CKW04 RS08570 WP 058481709.1
 NTDB id 1251 GCO85 RS07725 WP 011946523.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



864
539
538
538
535
550
551
547
547

logo

NTDB id 1306 DR RS10060 WP 027479822.1
 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 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1147237 CKW04 RS08570 WP 058481709.1
 NTDB id 1251 GCO85 RS07725 WP 011946523.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



887
562
561
561
558
573
574
570
570

 non conserved
 similar
 $\geq 50\%$ conserved