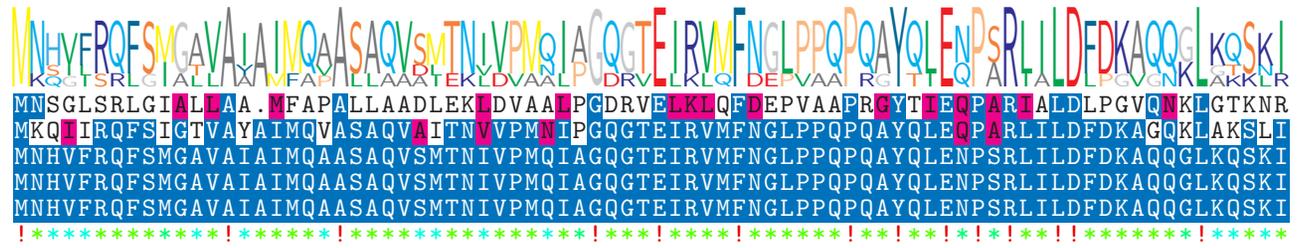


logo

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 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 405427 GQ05 RS17405 WP 001017033.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



79
80
80
80
80

logo

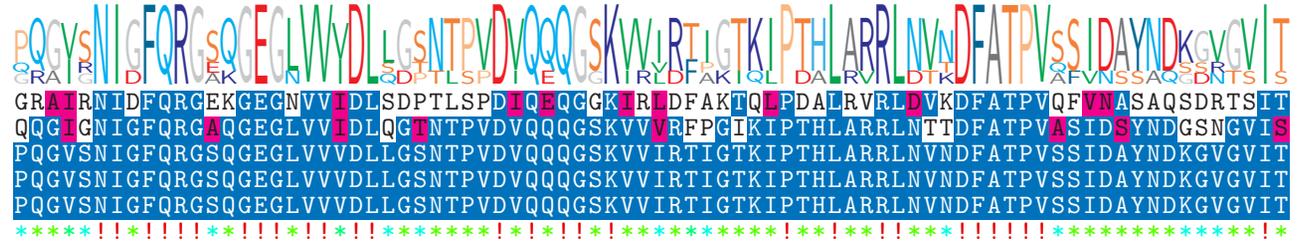
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 NTDB id 405427 GQ05 RS17405 WP 001017033.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



159
141
140
140
140

logo

NTDB id 1193 PAKAF RS26665 WP 003161249.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 405427 GQ05 RS17405 WP 001017033.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



239
221
220
220
220

logo

NTDB id 1193 PAKAF RS26665 WP 003161249.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 405427 GQ05 RS17405 WP 001017033.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



319
300
299
299
299

logo

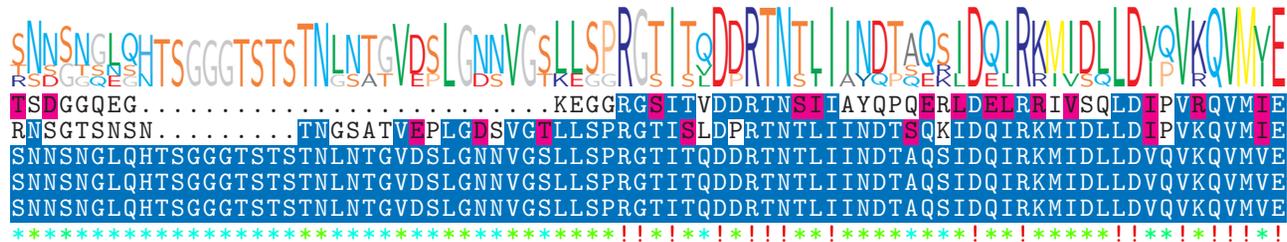
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 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



399
380
379
379
379

logo

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 NTDB id 405427 GOQ05 RS17405 WP 001017033.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



453
451
459
459
459

logo

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 NTDB id 405427 GOQ05 RS17405 WP 001017033.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



528
520
533
533
533

logo

NTDB id 1193 PAKAF RS26665 WP 003161249.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 405427 GOQ05 RS17405 WP 001017033.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



603
600
612
612
612

logo

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 NTDB id 405427 GOQ05 RS17405 WP 001017033.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



683
679
691
691
691

logo

NTDB id 1193 PAKAF RS26665 WP 003161249.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 405427 GOQ05 RS17405 WP 001017033.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



714
709
721
721
721

 non conserved
 similar
 $\geq 50\%$ conserved