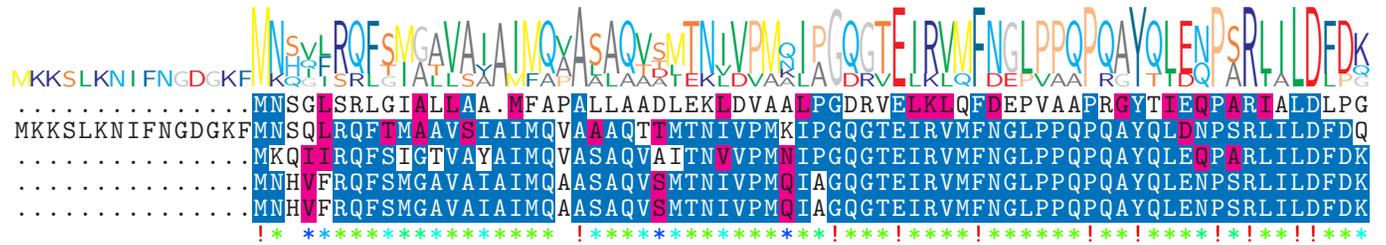


logo

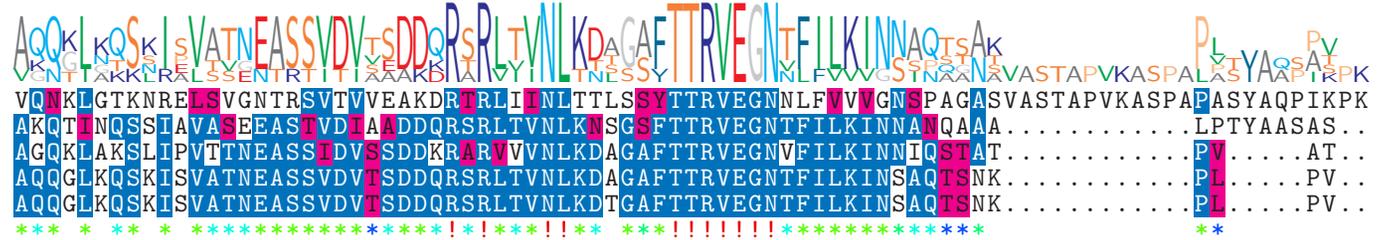
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 NTDB id 66380 AS4 RS20005 WP 096735282.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



69
85
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logo

NTDB id 1193 PAKAF RS26665 WP 003161249.1
 NTDB id 66380 AS4 RS20005 WP 096735282.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



154
156
136
136
136

logo

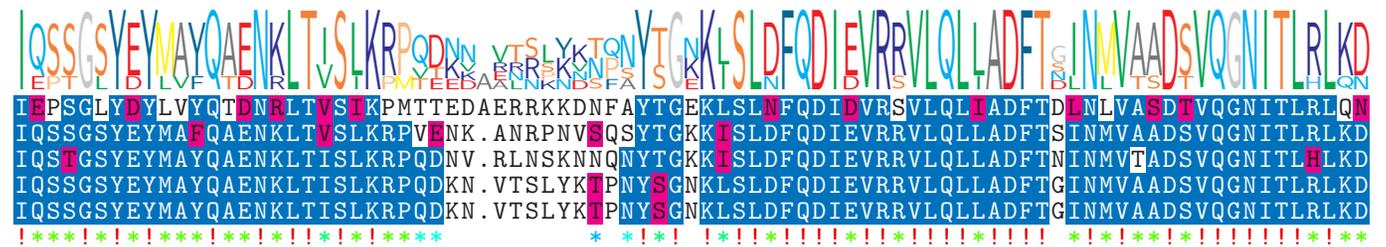
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 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



239
241
221
220
220

logo

NTDB id 1193 PAKAF RS26665 WP 003161249.1
 NTDB id 66380 AS4 RS20005 WP 096735282.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



324
325
305
304
304

logo

NTDB id 1193 PAKAF RS26665 WP 003161249.1
 NTDB id 66380 AS4 RS20005 WP 096735282.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



407
410
389
389
389

logo

NTDB id 1193 PAKAF RS26665 WP 003161249.1
 NTDB id 66380 AS4 RS20005 WP 096735282.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



468
482
466
474
474

logo

NTDB id 1193 PAKAF RS26665 WP 003161249.1
 NTDB id 66380 AS4 RS20005 WP 096735282.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



546
556
540
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552

logo

NTDB id 1193 PAKAF RS26665 WP 003161249.1
 NTDB id 66380 AS4 RS20005 WP 096735282.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



628
639
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636

logo

NTDB id 1193 PAKAF RS26665 WP 003161249.1
 NTDB id 66380 AS4 RS20005 WP 096735282.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus



713
724
709
721
721

logo

NTDB id 1193 PAKAF RS26665 WP 003161249.1
 NTDB id 66380 AS4 RS20005 WP 096735282.1
 NTDB id 1009 ACIAD RS15175 WP 004923730.1
 NTDB id 1052 ABD1 RS15850 WP 001017033.1
 NTDB id 1039 HON27 RS01460 WP 031993779.1
 consensus

R
R 714
. 724
. 709
. 721
. 721

 non conserved
 similar
 $\geq 50\%$ conserved