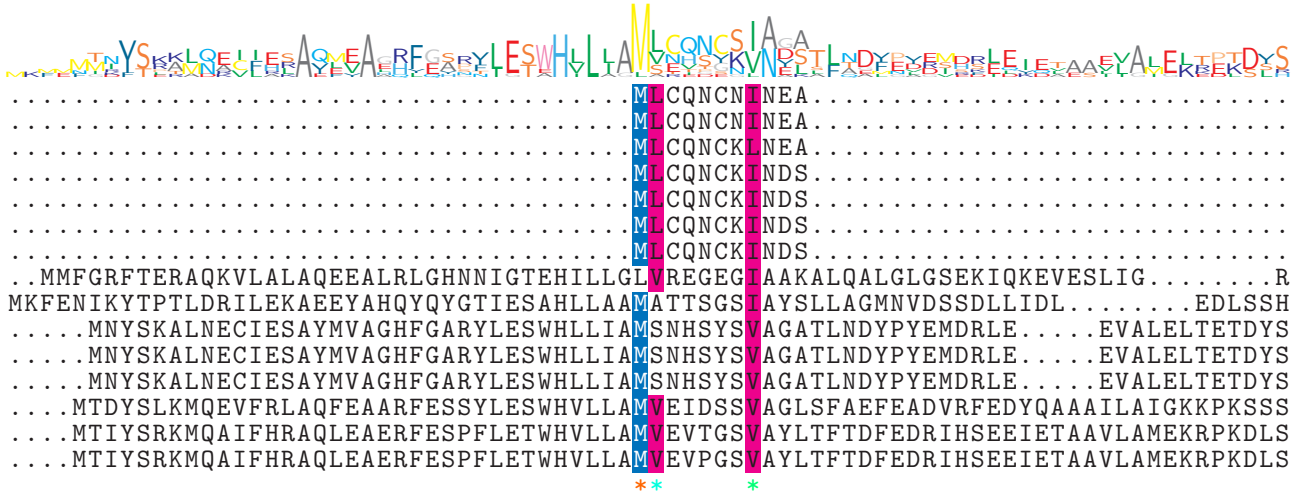


logo

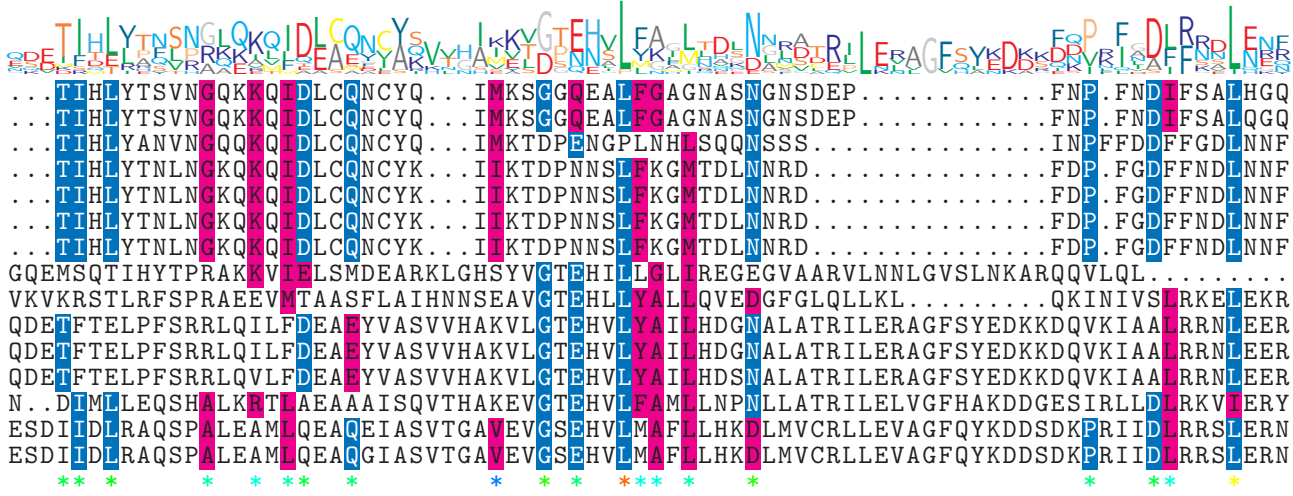
NTDB id 1088574 ACLFAM RS08760 WP 039114702.1
NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus



11
11
11
11
11
11
11
11
70
72
70
70
70
76
76
76

logo

NTDB id 1088574 ACLFAM RS08760 WP 039114702.1
NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus



72
72
70
69
69
69
69
141
143
150
150
150
154
156
156

logo

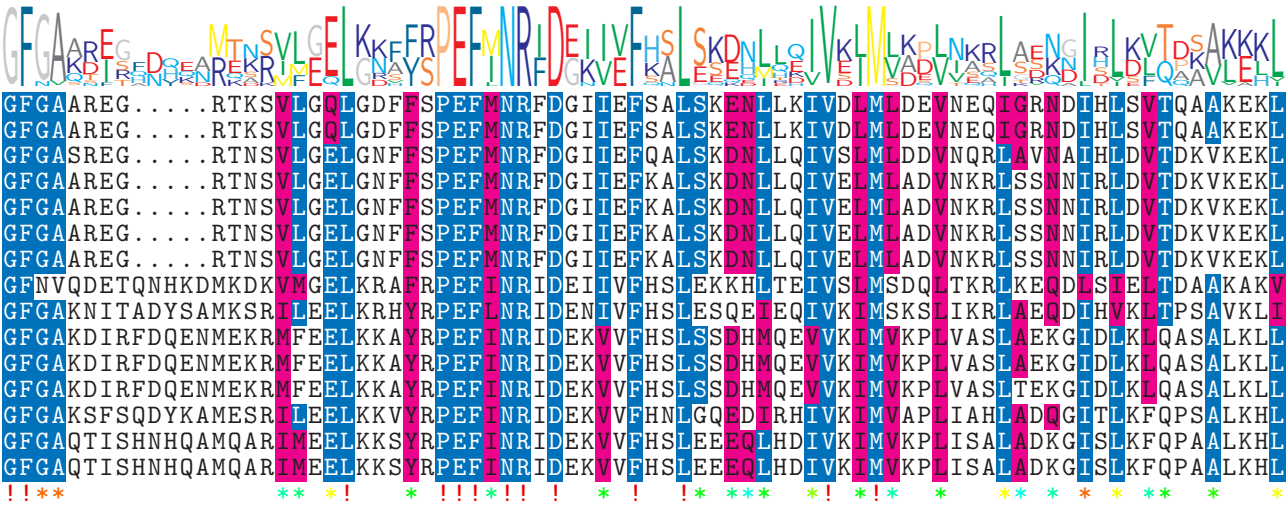
NTDB id 1088574 ACLFAM RS08760 WP 039114702.1
NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus



605
605
612
611
611
611
611
671
680
675
675
675
678
681
681

logo

NTDB id 1088574 ACLFAM RS08760 WP 039114702.1
NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus



680
680
687
686
686
686
686
751
760
755
755
755
758
761
761

logo

NTDB id 1088574	ACLFAM RS08760 WP 039114702.1	VDLGYNPAMGARPLRRTIQENTIEDSIADFYIEHPEYKELV.ADLIDDKIVISNQAQETAETTDEEVPAE	748
NTDB id 601	KW2 RS02615 WP 021036805.1	VDLGYNPAMGARPLRRTIQENTIEDSIADFYIEHPEYKQLV.ADLIDDKIVISNQTQETAETTDEEVPAE	748
NTDB id 378	SMU RS02690 WP 002263569.1	VDLGYDPKMGARPLRRTIQEHIEDAITDFYLEHPEQKELK.AIMTSNGKIVIKASNKV.ETVTKATSD.	753
NTDB id 281	KZH43 RS03550 WP 000882517.1	VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDLK.AVMTSKGNIQIKSAKKA.EVKSSEKEK.	752
NTDB id 245	SPD RS03860 WP 000882517.1	VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDLK.AVMTSKGNIQIKSAKKA.EVKSSEKEK.	752
NTDB id 243	SPR RS03635 WP 000882517.1	VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDLK.AVMTSKGNIQIKSAKKA.EVKSSEKEK.	752
NTDB id 241	SP RS04015 WP 000882523.1	VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDLK.AVMTSKGNIQIKSAKKA.EVKSSEKEK.	752
NTDB id 85	BSU 00860 NP 387967.1	AEEGVLDLEYGARPLRRAIQKHVEDRLSEELLRGNIHKGQHIVLDVEDGEFVVKTTAKTN.....	810
NTDB id 610	V4T04 RS10165 WP 012897346.1	AEEVGEDPEYGARPLRKALQKEVEDLLSEQLLSGEIKAGNHVSI GASNKKTKIAQIV.....	816
NTDB id 290	KZH43 RS10025 WP 001109677.1	ANQGYDPPEMGARPLRRTLQTEVEDKLAELLKGD LVAGSILKIGVKAGQLKFDIA.....	810
NTDB id 289	SPD RS10700 WP 001109677.1	ANQGYDPPEMGARPLRRTLQTEVEDKLAELLKGD LVAGSILKIGVKAGQLKFDIA.....	810
NTDB id 287	SP RS11210 WP 001109712.1	ANQGYDPPEMGARPLRRTLQTEVEDKLAELLKGD LVAGSTLKI GVKAGQLKFDIA.....	810
NTDB id 377	SMU RS09275 WP 002262344.1	ALAGYDAEMGARPLRRTLQTEVEDKLAELILSGKLASGQTLKI GIQKEKLKFDIV.....	813
NTDB id 297	STER RS00545 WP 011680614.1	AKDGYDIEMGARPLRRTIQTQVEDKLSSELLGGQVVSGQTLKI GCSKDKLTFTVV.....	816
NTDB id 329	STU RS10020 WP 011225298.1	AKDGYDIEMGARPLRRTIQTQVEDKLSSELLGGQVVSGQTLKI GCSKDKLTFTVV.....	816
consensus		* !*** *!!!!!!***! *!! *** *	

- non conserved
- similar
- ≥ 50% conserved