

Table S2. Analysis and distribution of conserved motifs in CmFLA proteins.

Motif	Width	Best possible match
1	29	KLKLNLTAAQKVSLLLYHGLPTYYSLSSELK
2	27	VTPTVYDDDPLAVYQVDKVLPEELFG
3	37	HNJTDJLEKGGZFSTFLRLLNSTSLADZINRQLNNSV
4	15	EGLTIFAPTDEAFSA
5	50	NDEAMAKLTTDQLSEPGAPEQIIYYHLIPEYQTEESMYNAVRRFGKIRY D
6	50	KNVLSLHVLLDYYGAKKLLHQISNGTTLSSSTLFQATGSAPGSSGFVNITD
7	26	TDGAGKFDLNVTTSGETVTISTGVVT
8	50	RPDGVIIHGIERLLIPRSVQEDFNRRRNLAISAVKPEGAPEVDPRTHRLK
9	31	KVVTKPRRGKLELACRMLGAFGQDSHFTSS
10	34	PIYDALAPGPSJAPAPAPGGPHHHFDGERQVK
11	19	YVKSVEMPYNISHIQISK
12	38	QINSNSILVALLDSHYTELAEKALLLQILEDVAVGK
13	21	RLPHKVMAQEADGSVKFGQGE