Table S2 Amino acid sequences and functional annotation of the conserved motifs.

Name	Sequences	Annotation
Motif 1:	RIRKNLSYFRVNYAIIILLILALSLLWHPLSLL	PRA1 family protein
Motif 2:	CAHGAFRAPEDLFLDEQEPANTGFLSFLGGAASNAAAA AAP	None
Motif 3:	YLYRPRDQPLVIFGRTIDDREVLGILVVLTVFVLFLTDV GSNLJSAJLVG	PRA1 family protein
Motif 4:	RNGLSQRRPWKELFBRSAFAKPESFSDAT	PRA1 family protein
Motif 5:	GTFSEKVTRTVRQFSPHLAAKMRPPLTPVIRGRPSAKRT IHICGRPRWVF	None
Motif 6:	WYVSCGLLTVLWALAIALLATVLHASFRTPNLKARLN TFREEFRAVWRNY	Popeye protein conserved region
Motif 7:	WGNVTAEDLIDALREVDWSSPPRPLSEFFSRFTIPRSYA KW	PRA1 family protein
Motif 8:	VVLVHAALRRTDDLYDDEEEG	PRA1 family protein
Motif 9:	PISAVQSTZSQPPIATPAFRAFLSRLNDS	None
Motif 10:	MTTYGTIPAS	None