

Table S2. The sequences information of each conserved motif

Motif 1	RGJSGGZRKRVSIGVEJVANPSJJFLDEPTSGLDSRAAAIVMRTLRLNAD
Motif 2	AJMGPSGAGKTTLLDVLAGRLTGG
Motif 3	SGYVEQBDILSPTLTVRETLLYSAWLRLP
Motif 4	RTVVISJHQSPETFDLFDDJILLSEG
Motif 5	FFESMGFKCPERKGVADFLQEVTSKKDQEQYW
Motif 6	FNLFSGFFIPRPRIPKWWRWYYWISPVAWTLYGLLASZFGD
Motif 7	PVFAEERTVFYRERAAAGMYSSSAYALANV
Motif 8	EMTVRETLDIFSARCQGVGTRYEMLAELSRREKEAGIKPDPEIDAFMKATA
Motif 9	RLPVFYKQRDFLFYPAWAYALPTWILKIPISLLESGIWVILTYYYVIGFAP
Motif 10	NKELIKELSTPPPGSKDLYFPTQYSQSFFTQCKACLWKQHWSYWRNPQYN
Motif 11	CADTMVGDEMRRGISGGQKKRVTTGEMJVGPALFMDEISTGLDSSTTF
Motif 12	KACFAREWLLMKRNSFVYIFKTVQJTIMALITMTVFLRTEM
Motif 13	TILQDVSGHIKPSRMTLLLGPFGSGKTLLLALAGKLDKDL
Motif 14	TFDNVNYYVDMPEMKEQGVEEDRLQLLRDVSAGFRPGVLT
Motif 15	SKEEKRERVEEVIEELGLDDLRLBTLVGLP