

Additional file 6

Conserved motif distribution among chitinase proteins

Figure showing the spatial arrangement of the 10 MEME motifs across the analysed chitinase proteins, with Car_Chit-22 isoforms relabelled as Car_Chit-22.1, Car_Chit-22.2 and Car_Chit-22.3.



Repeated Car_Chit-22 entries correspond to three isoform-level protein models and are relabelled Car_Chit-22.1, Car_Chit-22.2 and Car_Chit-22.3.

Representative motif consensus sequences

Consensus strings shown in one-letter amino-acid code

Motif 1	MSSKGNNG	Motif 6	TYLWNNFLGG
Motif 2	PMINLAGHCDP	Motif 7	KYGGVMLWSR
Motif 3	DGIDIHYDVI	Motif 8	SYFTHILYAFI
Motif 4	TIVLPIISSH	Motif 9	TFLVILVFFPHS
Motif 5	IYWQNGNEGTL	Motif 10	YKGKLRKGQEIAVKRLSKTSQGLE