

Additional file 5: Table S3. Counts of selected cis-regulatory motifs in 1.5-kb upstream promoters of the chickpea Car_Chit genes.

Gene	W-box	MYC-like	ERE	TGACG	CGTCA	ABRE	MBS	DRE	LTR	G-box	Total selected motifs	Notes
Car_Chit-1	0	0	0	1	1	0	0	1	0	0	3	
Car_Chit-2	1	0	0	0	1	0	0	1	0	0	3	
Car_Chit-3	0	0	0	0	0	0	0	0	0	0	0	
Car_Chit-4	1	0	2	1	0	0	1	0	0	0	5	
Car_Chit-5	1	0	1	1	0	1	0	1	0	1	6	Contains ambiguous N bases; counts are minimum estimates.
Car_Chit-6	3	1	0	0	0	0	0	0	0	0	4	
Car_Chit-7	1	0	2	0	1	0	0	0	1	0	5	
Car_Chit-8	1	0	2	0	0	0	0	0	0	0	3	
Car_Chit-9	1	1	1	0	0	1	0	0	0	0	4	
Car_Chit-10	2	0	0	1	0	0	0	0	0	0	3	
Car_Chit-11	0	1	0	0	1	1	0	0	0	0	3	Contains ambiguous N bases; counts are minimum estimates.
Car_Chit-12	0	2	1	2	0	1	0	0	1	0	7	
Car_Chit-13	2	1	0	0	0	0	0	0	1	0	4	
Car_Chit-14	1	0	1	0	0	0	0	0	0	0	2	
Car_Chit-15	0	2	0	1	1	0	0	0	0	0	4	
Car_Chit-16	0	1	0	1	0	1	0	0	0	0	3	
Car_Chit-17	2	1	0	0	1	0	0	0	0	0	4	
Car_Chit-18	0	0	0	0	0	0	0	0	0	0	0	
Car_Chit-19	1	0	1	1	0	2	0	1	0	0	6	
Car_Chit-20	1	0	0	0	0	0	1	0	0	0	2	
Car_Chit-21	0	0	0	0	0	0	0	0	0	0	0	
Car_Chit-22	1	2	0	1	0	0	1	0	0	0	5	
Car_Chit-23	0	1	0	0	0	0	1	0	1	0	3	

Gene	W-box	MYC-like	ERE	TGACG	CGTCA	ABRE	MBS	DRE	LTR	G-box	Total selected motifs	Notes
Car_Chit-24	1	0	1	2	1	0	0	1	0	0	6	
Car_Chit-25	3	1	1	1	1	0	0	0	2	0	9	
Car_Chit-26	1	1	0	0	1	2	0	0	0	1	6	
Car_Chit-27	0	0	2	0	0	0	0	0	0	0	2	Contains ambiguous N bases; counts are minimum estimates.
Car_Chit-28	0	1	0	0	1	1	0	0	0	1	4	
Total hits	24	16	15	13	10	10	4	5	6	3	106	

Motifs were identified by exact-match scanning of the uploaded promoter sequences. Values are counts of motif occurrences per promoter.

Motif definitions: W-box = TTGACY; MYC-like = CATGTG/CACATG; ERE = ATTTCAAA; TGACG = TGACG; CGTCA = CGTCA; ABRE = ACGTG; MBS = CAACTG; DRE = RCCGAC; LTR = CCGAAA; G-box = CACGTG.