

Additional file 3: Table S2. Evolutionary divergence and selection pressure among duplicated Car_Chit gene pairs in chickpea.

Gene pair	Duplication type	Ka	Ks	Ka/Ks	Method	Divergence time (MYA)	Selection pressure
Car_Chit-5 / Car_Chit-6	Tandem	0.245	0.513	0.48	NG86	3.95	Purifying
Car_Chit-6 / Car_Chit-7	Tandem	0.248	0.553	0.45	NG86	4.25	Purifying
Car_Chit-7 / Car_Chit-8	Tandem	0.091	0.167	0.55	NG86	1.28	Purifying
Car_Chit-13 / Car_Chit-14	Tandem	0.269	1.551	0.17	NG86	11.93	Strong purifying
Car_Chit-14 / Car_Chit-15	Tandem	0.141	0.396	0.35	NG86	3.05	Purifying
Car_Chit-22 / Car_Chit-23	Tandem	0.676	18.367	0.04	ML	141.28*	Very strong purifying
Car_Chit-26 / Car_Chit-27	Proximal	0.119	0.593	0.20	NG86	4.56	Strong purifying

* The divergence-time estimate for Car_Chit-22 / Car_Chit-23 should be interpreted cautiously because the high Ks value suggests synonymous-site saturation.