Importance of the αC-helix in the Cyclic Nucleotide Binding Domain for the Stable Channel Regulation and Function of Cyclic Nucleotide Gated Ion Channels in Arabidopsis

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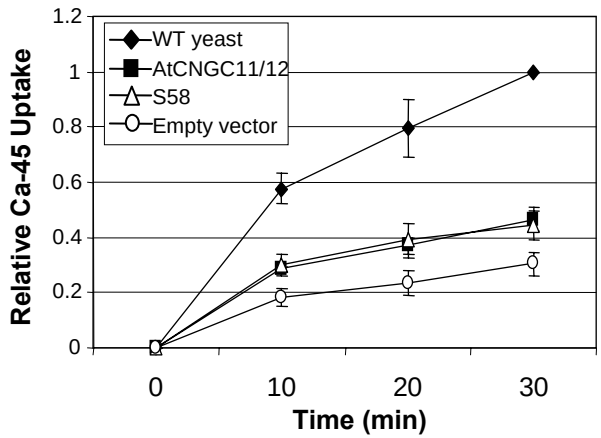
Supplemental Figure 1



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Supplemental table 1. Interaction phenotype with *H. arabidopsidis* isolate Emwa1[a]

Genotype	Total No. of Plants	No. of Resistant Plants	No. of Susceptible Plants
Ws-wt	33	3	30
Col-wt	22	22	0
cpr22/CPR22	26	0	26
S58	32	0	32

a Based on formation of sporangiophores; Resistance, no formation; Susceptible, formation.

Supplemental table 2. Segregation analysis of the *cpr22* phenotype

Plant Line[a]	Total No.	Morphological Phenotype			Hypothesis	χ2c	P
		Wt	*cpr22*	Lethal			
cpr22/CPR22	92	25	43	23	1:2:1	0.41	0.81
S58 x *cpr22/cpr22* (B_1)[d]	5	0	5	0	0:1:0		
B_2[e]	92	19	47	24	1:2:1	0.73	0.69

a S58 is the pollen accepting plant.

b Both *cpr22* and S58 are semi-dominant.

c two degrees of freedom

d Backcross first generation of S58 and *cpr22* homozygous plants

e Backcross second generation of S58 and *cpr22* homozygous plants.