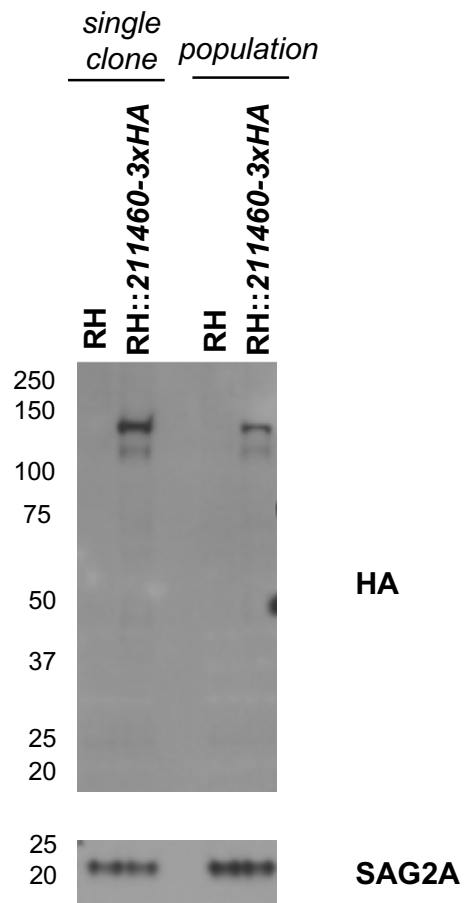


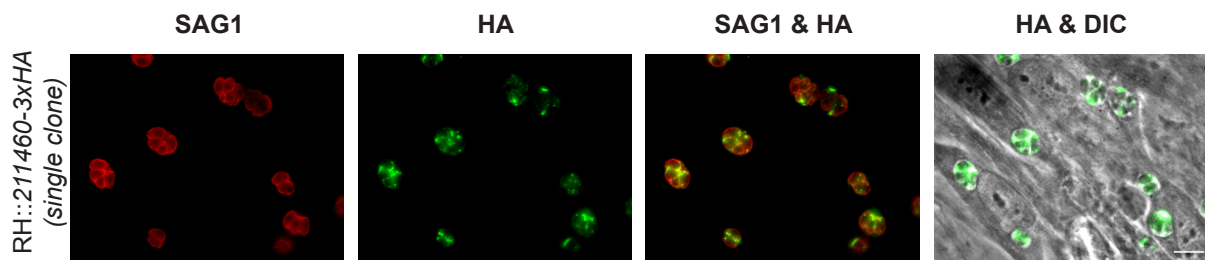
<i>Toxoplasma gondii</i>						<i>Hammondia hammondi</i>		<i>Neospora caninum</i>		
Gene ID	Alias	Localization	Predicted TMs	Phenotype score	RRLs	Amino acid identity	RRL(s) conserved	Amino acid identity	RRL(s) conserved	Comments
254470	MYR1	PV	1	0.88	1	84%	1 of 1	44%	1 of 1	A second RRL exists in middle of NcMYR1 An RRL exists in the C-term of NcMYR2
270700	MYR2	PV	2	2.39	0	84%	n/a	36%	n/a	
237230	MYR3	PV	1	2.83	0	72%	n/a	31%	n/a	An additional RRL exists in the C-term of NcGRA45
211460	MYR4	PV	1	0.25	1	84%	1 of 1	48%	0 of 1	
228170	GRA44	PV	0	-3.28	2	94%	2 of 2	68%	2 of 2	
316250	GRA45	PV	0	1.15	1	92%	0 of 1	70%	1 of 1	
258580	ROP17	PV	0	1.29	2	83%	2 of 2	52%	0 of 2	
242720	ASP5	Golgi	3	-1.45	1	90%	0 of 1	66%	0 of 1	

Supplemental Table 1.

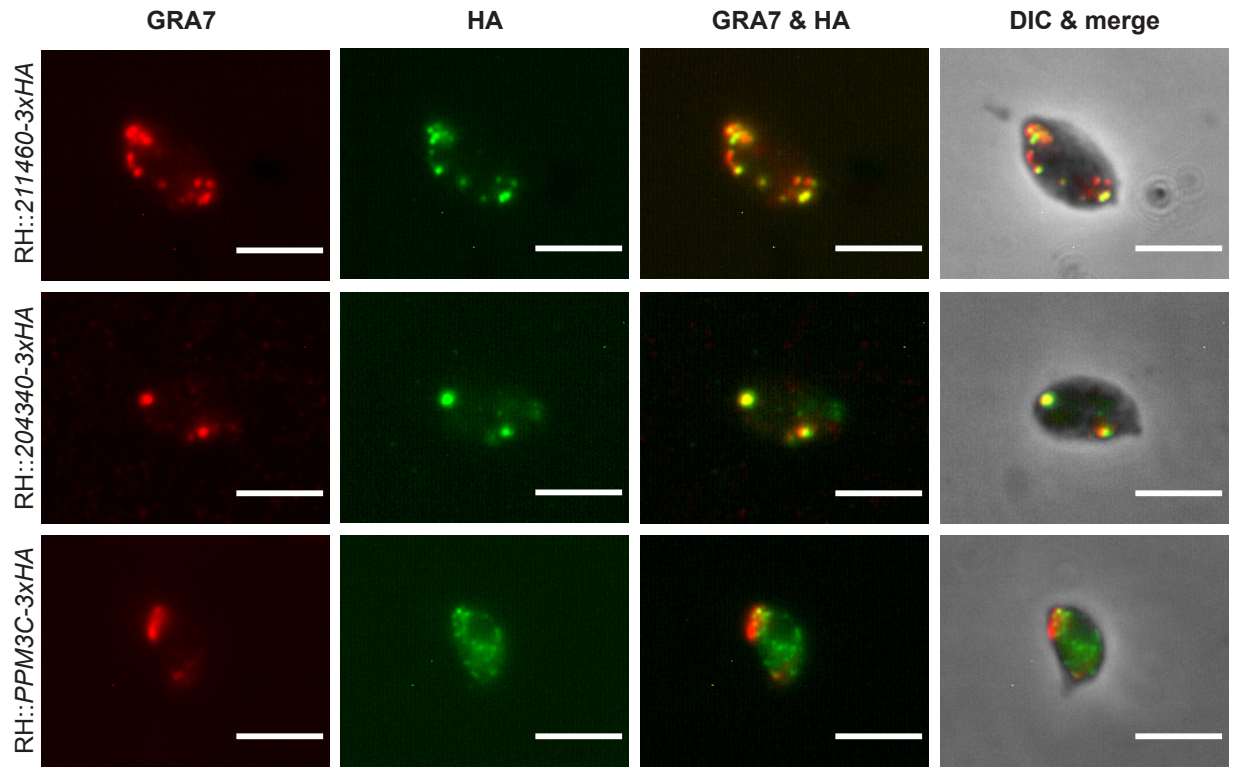
A



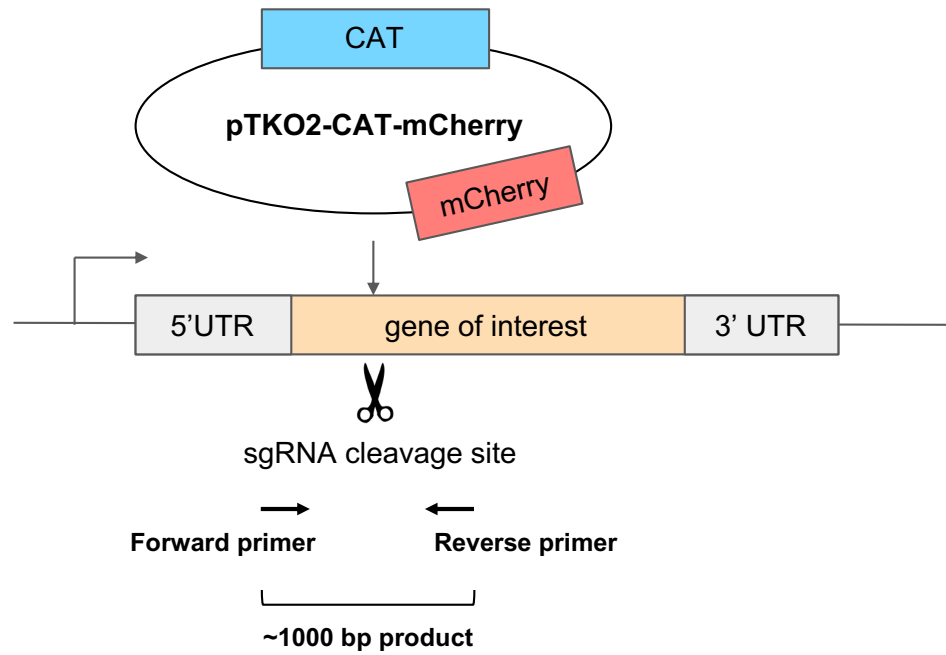
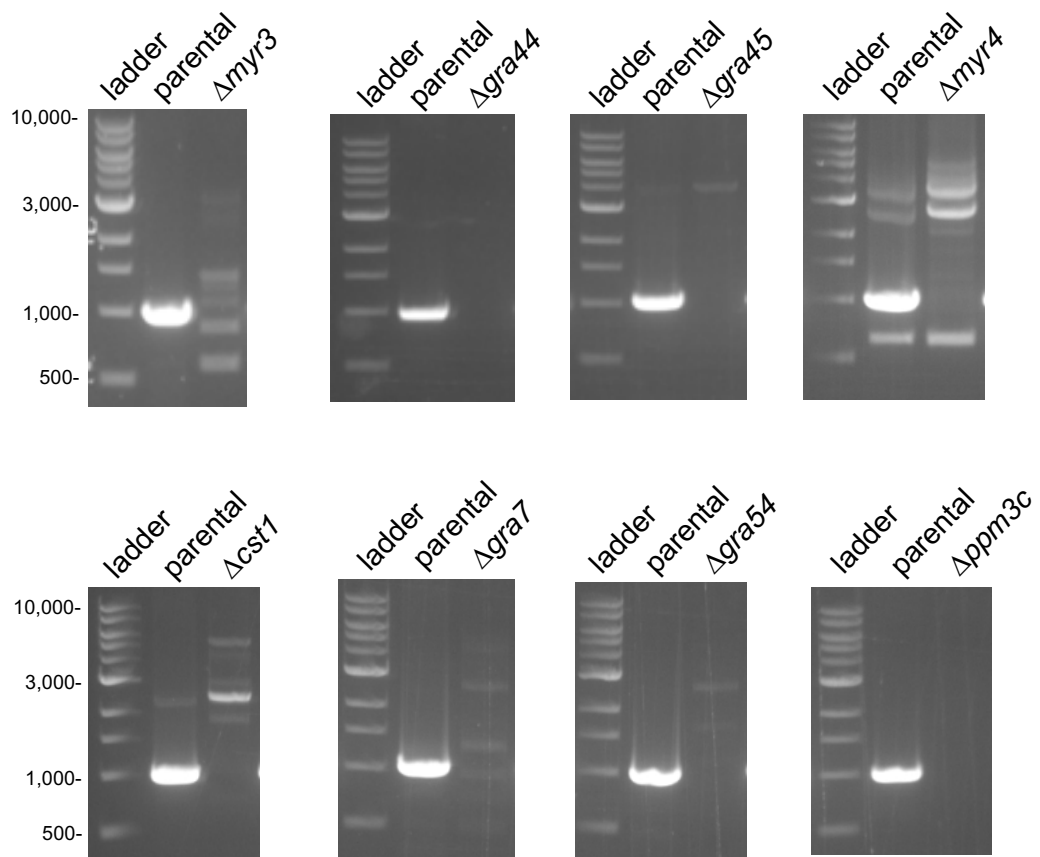
B

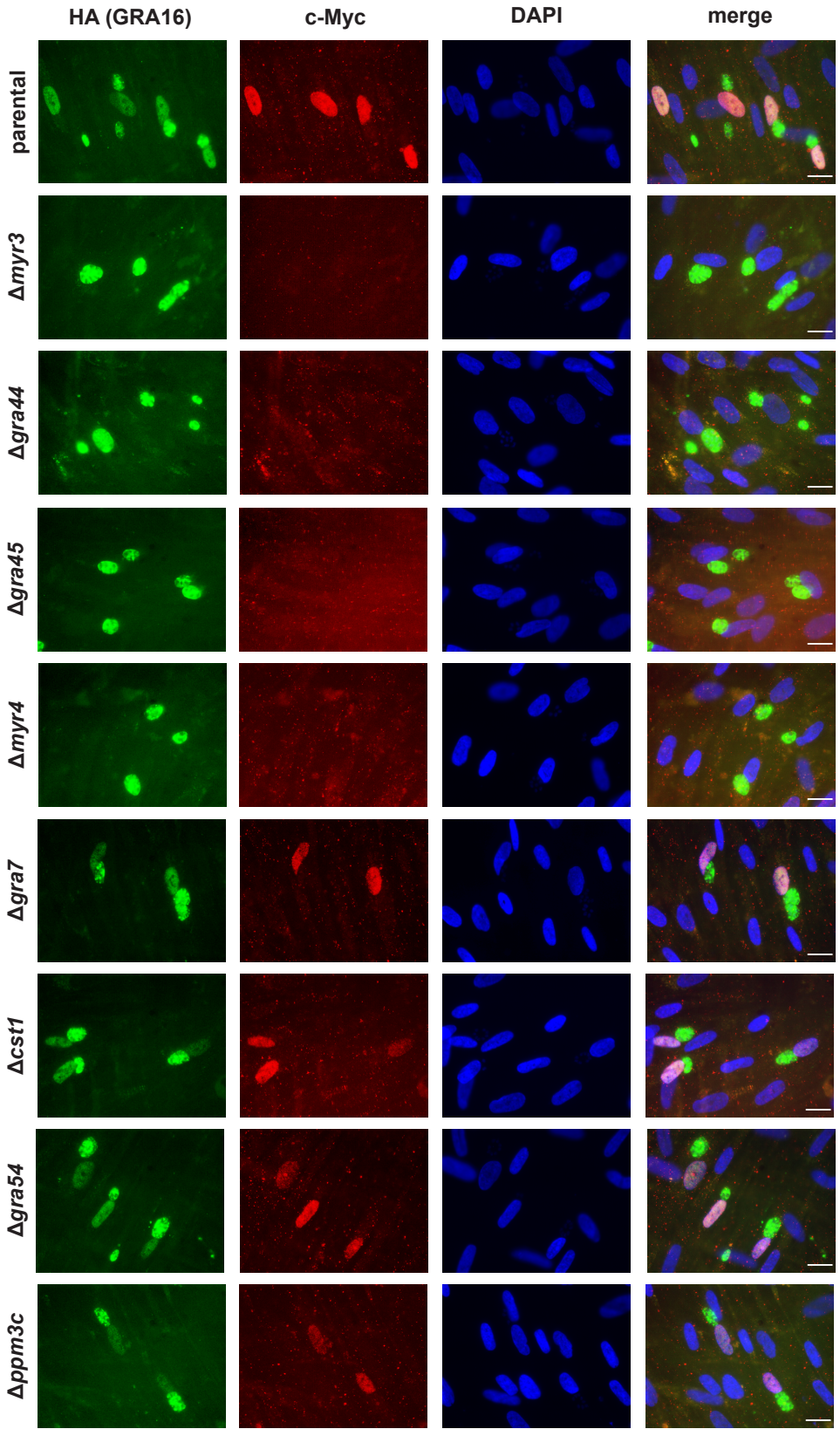


Supplemental Figure 1.

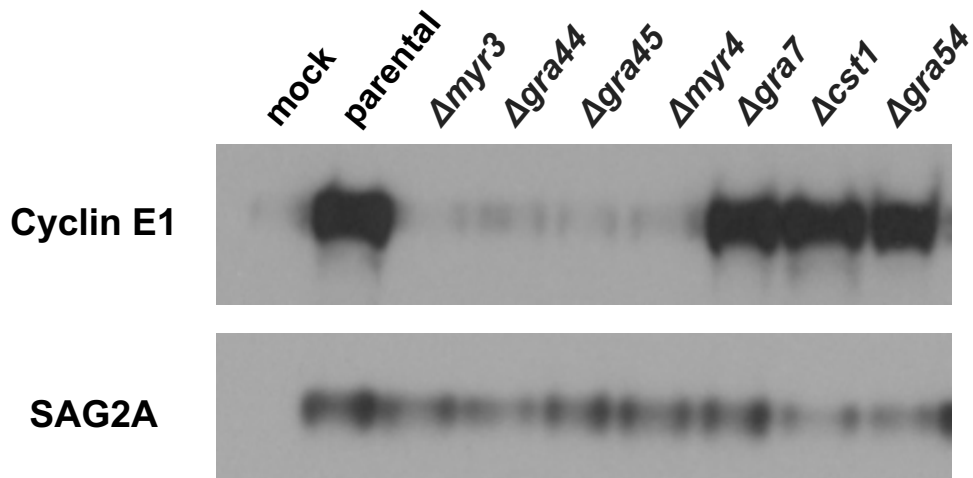


Supplemental Figure 2.

A**B****Supplemental Figure 3.**



Supplemental Figure 4.



Supplemental Figure 5.