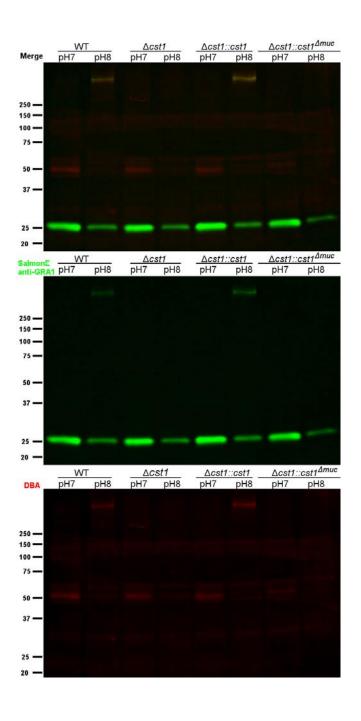
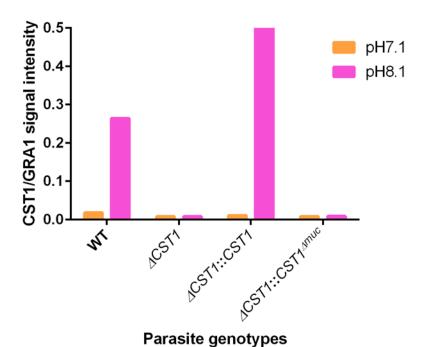
## Figure S2. (A) mAb SalmonE and DBA

Parasite total lysate (same membrane as Figure 4B) was probed with DBA lectin. Both mAb SalmonE (green) and DBA lectin (red) reacts with the same high molecular band (CST1). Lower green bands (at the 25 kDa marker) are GRA1 used as a parasite loading control.



## FIGURE S2 (B) mAb SalmonE Densitometry

Densitometry measurements for each band and the normalized CST1 expression level (CST/GRA1) for each lane are shown in the following table and figure



	WT pH7	WT pH8	ΔCST1 pH7	ΔCST1 pH8	ΔCST1::C ST1 pH7	ΔCST1::C ST1 pH8	ΔCST1::C ST1Δmuc pH7	ΔCST1::C ST1Δmuc pH8
CST1/GRA1	0.018	0.264	0.008	0.008	0.011	0.503	0.008	0.009
CST1	21400	102000	8520	2770	14100	194000	9110	2300
GRA	1180000	386000	1070000	343000	1270000	386000	1080000	259000