Α	•	control			CFW (10 µg/ml)				CFW (20 µg/ml)				CFW (40 µg/ml)				CFW (60 µg/ml)				CFW (80 µg/ml)			CFW (100 µg/mL)				
	10 ⁶	10 ⁵	10 ⁴	10 ³	10 ⁶	10 ⁵	104	10 ³	10 ⁶	10 ⁵	10 ⁴	10 ³	10 ⁶	10) ⁵ 10 ⁴	10 ³	10 ⁶	10 ^ŧ	⁵ 10 ⁴	10 ³	10	° 10 ⁵	10 ⁴	10 ³	10 ⁶	10 ⁵	10 ⁴	10 ³
wt			0	0	\bigcirc		0	0				0	(00) 0	8	0	0	0	۶P	C	0	0	4	C	0	0	a.
pkcA ^{G579R}	0	0	0	0	0	0	0	0	0	•	*		C) .			0	*	•		0	1			0			
∆ rlmA	\mathcal{C}	\mathbb{O}	0	ծ	0	D	0	0			0	0	() 🥳		C) 0	ŝ.		0	۲						
∆ mpkA	\bigcirc	0	6	0	0	-	3.) -		۲		988.																	
∆rlmA pkcA ^{G579R}	0	0	0	8	0	0	۵	B 19	0	•			(0	*		0	•	. *		0	学校			•			
∆mpkA pkcA ^{G579R}	0	00			\bigcirc			•	۲	*		•.																
∆mpkA ∆rlmA	\bigcirc	00	3	9	0	*	λy.	1	•	•	4-																	

Β.

	control	CR (15 µg/mL)	CR (25 µg/mL)	CR (75 μg/mL)	CR (100 µg/mL)	CR (200 µg/mL)					
	10 ⁶ 10 ⁵ 10 ⁴ 10 ³	10 ⁶ 10 ⁵ 10 ⁴ 10 ³	10 ⁶ 10 ⁵ 10 ⁴ 10 ³	10 ⁶ 10 ⁵ 10 ⁴ 10 ³	10 ⁶ 10 ⁵ 10 ⁴ 10 ³	10 ⁶ 10 ⁵ 10 ⁴ 10 ³					
wt	()		0000	$\bigcirc \bigcirc \diamond \diamond$	• •						
pkcA ^{G579R}	0000	000	0 .	•	8	93					
∆ rlmA	000%	0000	00 .	🌒 📣 🔅	۲	\$					
∆ mpkA	0000										
∆rlmA pkcA ^{G579R}	000 %	0000	000	 A 100 - 100 	÷.						
∆mpkA pkcA ^{G579R}	0000	*									
∆mpkA ∆rlmA	0000	••									

C.	control			CASP (2.5 ng/ml)			CASP (5 ng/ml)				CASP (10 ng/ml)				CASP (40 ng/ml)				CASP (80 ng/ml)				CASP (100 ng/ml)				
	10 ⁶ 10	0 ⁵ 10 ⁴	10 ³	10 ⁶	10 ⁵	104	10 ³	106	10 ⁸	⁵ 10 ⁴	10 ³	10 ⁶	10 ⁵	104	10 ³	10 ⁶	10 ⁵	10 ⁴	10 ³	10 ⁶	10 ⁵	10 ⁴	10 ³	10 ⁶	10 ⁵	10 ⁴	10 ³
wt		00	0	Ö	0	Q		0	0	0	8	0	0	\bigcirc	88	0	0	۲	8°°°,	0	0	۲	°N°	0	\bigcirc	۰ ؛	4.0
pkcA ^{G579R}	00	00	0	O	0	0	*	0	۲	19 19		\bigcirc	٠	9 2	•	0	۲	See.	••	۲	٠	12	•.•	۲	*	<u>_</u>	
∆ rlmA	α	00	3	0	0	0	*	0	0	8	•0	0	0	Ø	•	0	۲	ŝ;	;	0		耆		٠	٠	9)	
∆ mpkA	$\mathbf{O}($	0	0	۲	۲			•			7																
∆rlmA pkcA ^{G579R}	00	00	0	\bigcirc	0	0	*	0	٥	•		٥	*	-	0	۲	*	÷.	·.	0	豪	ie.		۲	*	<i>?</i> #	
∆ <i>mpkA pkcA</i> ^{G579R}	00	00			. 6	*:		•							i i												
∆mpkA ∆rlmA	00		¢0	0	8	••																					

D.



Figure S6 Genetic analysis of the CWI pathway single and double mutants. (A-D) *rImA*, *pkcA* and *mpkA* interact genetically during cell wall stress in the presence of CFW, CR, caspofungin and SDS.