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Research article

Sensitivity of *Deinococcus grandis rodZ* deletion mutant to calcium ions results in enhanced spheroplast size

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Table S1. Pairwise comparisons using Wilcoxon rank sum test with Bonferroni adjustment

	WT 16.2 mM $CaCl_2$	WT 50 mM $CaCl_2$	WT 100 mM $CaCl_2$	WT 200 mM $CaCl_2$	WT 300 mM $CaCl_2$	Δ*rodZ* 16.2 mM $CaCl_2$	Δ*rodZ* 50 mM $CaCl_2$	Δ*rodZ* 100 mM $CaCl_2$	Δ*rodZ* 200 mM $CaCl_2$
WT 50 mM $CaCl_2$	$p < 0.05$								
WT 100 mM $CaCl_2$	$p < 0.05$	$p < 0.05$							
WT 200 mM $CaCl_2$	$p < 0.05$	$p < 0.05$	$p > 0.05$						
WT 300 mM $CaCl_2$	$p < 0.05$	$p < 0.05$	$p < 0.05$	$p < 0.05$					
Δ*rodZ* 16.2 mM $CaCl_2$	$p > 0.05$	$p < 0.05$	$p < 0.05$	$p < 0.05$	$p < 0.05$				
Δ*rodZ* 50 mM $CaCl_2$	$p < 0.05$	$p < 0.05$	$p > 0.05$	$p > 0.05$	$p < 0.05$	$p < 0.05$			
Δ*rodZ* 100 mM $CaCl_2$	$p < 0.05$	$p < 0.05$	$p > 0.05$	$p > 0.05$	$p < 0.05$	$p < 0.05$	$p > 0.05$		
Δ*rodZ* 200 mM $CaCl_2$	$p < 0.05$	$p < 0.05$	$p > 0.05$	$p > 0.05$	$p < 0.05$	$p < 0.05$	$p > 0.05$	$p > 0.05$	
Δ*rodZ* 300 mM $CaCl_2$	$p < 0.05$	$p < 0.05$	$p < 0.05$	$p < 0.05$	$p < 0.05$	$p < 0.05$	$p < 0.05$	$p < 0.05$	$p < 0.05$

Table S2. Pairwise comparisons between cytoplasm sizes using Wilcoxon rank sum test with Bonferroni adjustment

	WT 100 mM $CaCl_2$	WT 200 mM $CaCl_2$	WT 300 mM $CaCl_2$	Δ*rodZ* 50 mM $CaCl_2$	Δ*rodZ* 100 mM $CaCl_2$	Δ*rodZ* 200 mM $CaCl_2$
WT 200 mM $CaCl_2$	$p < 0.05$					
WT 300 mM $CaCl_2$	$p < 0.05$	$p < 0.05$				
Δ*rodZ* 50 mM $CaCl_2$	$p < 0.05$	$p < 0.05$	$p < 0.05$			
Δ*rodZ* 100 mM $CaCl_2$	$p > 0.05$	$p < 0.05$	$p < 0.05$	$p < 0.05$		
Δ*rodZ* 200 mM $CaCl_2$	$p > 0.05$	$p < 0.05$	$p < 0.05$	$p < 0.05$	$p > 0.05$	
Δ*rodZ* 300 mM $CaCl_2$	$p < 0.05$	$p > 0.05$	$p > 0.05$	$p < 0.05$	$p < 0.05$	$p < 0.05$