Antibiotic	CFU/ml				
	WT	Δ*rel*$_{Msm}$	*rel*Comp	Δ*dcpA*	*dcpA*Comp
Ampiciliin	8.83*10^5	1.336*10^^{7}	2.156* 10^^{6}	1.79* 10^^{7}	2.4* 10^^{6}
Amoxicillin	102000	103000	104400	102600	114200
Rifampicin	ND	ND	ND	ND	ND
Streptomycin	ND	ND	ND	ND	ND
Erythromycin	ND	ND	ND	ND	ND
Tetracycline	ND	ND	ND	ND	ND
Norfloxacin	ND	ND	ND	ND	ND

Table S1 An aliquot of culture from the wells with highest concentration of antibiotics or the wells in which color of the resazurin did not change was plated to detect any surviving CFUs

ND: Not detected

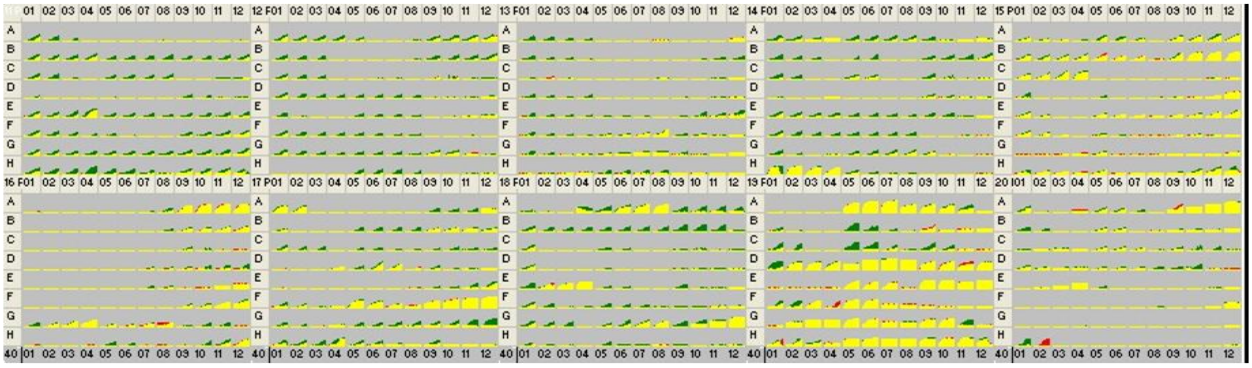

Figure S1 Comparison of the growth profiles of the WT and the Δ*rel*$_{Msm.}$ Comparison of the AUCs of the WT and the Δ*rel*$_{Msm}$ using PM parametric software results in a red-green-yellow display in which phenotypes that are unchanged are yellow in color, phenotypes that are gained are green in color and phenotype that are lost are red in color. Plate PM11is on the top left corner, while plate PM20 was is at bottom right corner. For most of the wells, the AUCs for the Δ*rel*$_{Msm}$ are higher than those for the WT indicating that the Δ*rel*$_{Msm}$ has gained phenotypes for those compounds. Number of phenotypes lost or gained is mentioned in Table 2 in the main text

and the list of compounds for which phenotype is lost or gained is mentioned in supplementary dataset1. The PM analysis of the WT and the Δ*rel*$_{Msm}$ was carried out at least four times .

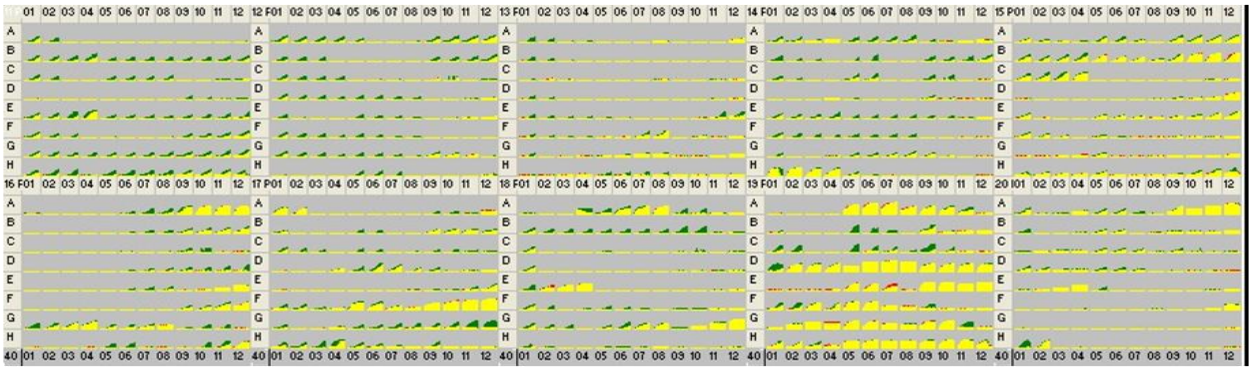

Figure S2 Comparison of the growth profiles of the WT and the Δ*dcpA*. For most of the wells, AUCs for the Δ*dcpA* are higher than those for the WT indicating that the Δ*dcpA* has gained phenotypes for those compounds. Number of phenotypes lost or gained is mentioned in Table 2 in the main text and the list of compounds for which phenotype is lost or gained is mentioned in supplementary dataset1.The PM analysis of the WT and the Δ*dcpA* was carried out at least four times.

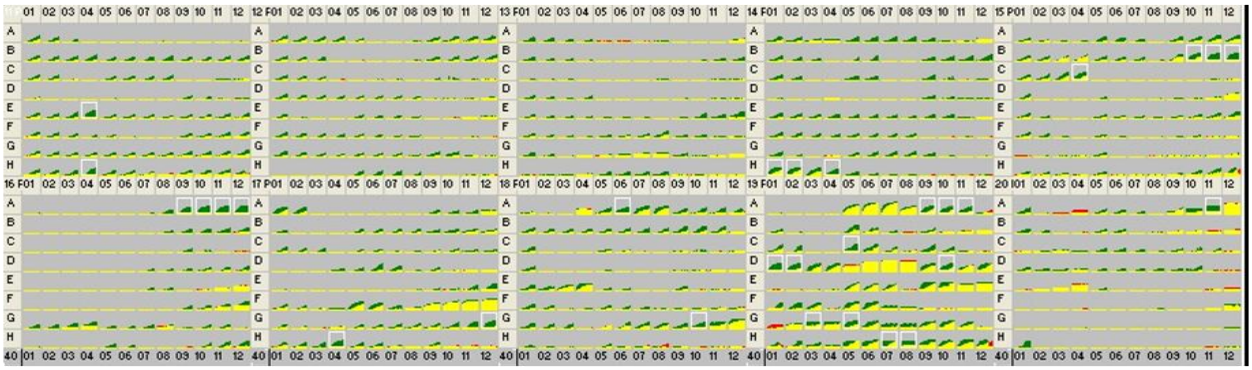

Figure S3 Comparison of the growth profiles of the Δ*rel*$_{Msm}$ strain against the *rel*Comp strain. For most of the wells, the AUCs for the Δ*rel*$_{Msm}$ are higher than those for the *rel*Comp indicating that the Δ*rel*$_{Msm}$ has gained phenotypes for those compounds. Number of phenotypes

lost or gained is mentioned in Table 2 in the main text and the list of compounds for which phenotype is lost or gained is mentioned in supplementary dataset1. The PM analysis of Δ*rel*$_{Msm}$ was carried out at least four times and that of *rel*Comp twice.

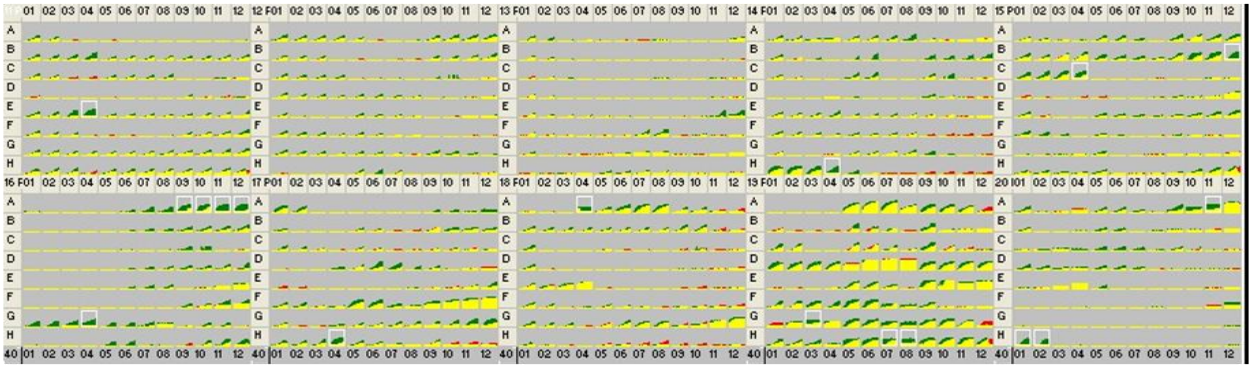

Figure S4 Comparison of growth profiles of the Δ*dcpA* against the *dcpA*Comp . For most of the wells, the AUCs for the Δ*dcpA* are higher than those for the *dcpA*Comp indicating that the Δ*dcpA* has gained phenotypes for those compounds. Number of phenotypes lost or gained is mentioned in Table 2 in the main text and the list of compounds for which phenotype is lost or gained is mentioned in supplementary dataset1. The PM analysis of Δ*dcpA* was carried out at least four times and that of *dcpA*Comp twice.

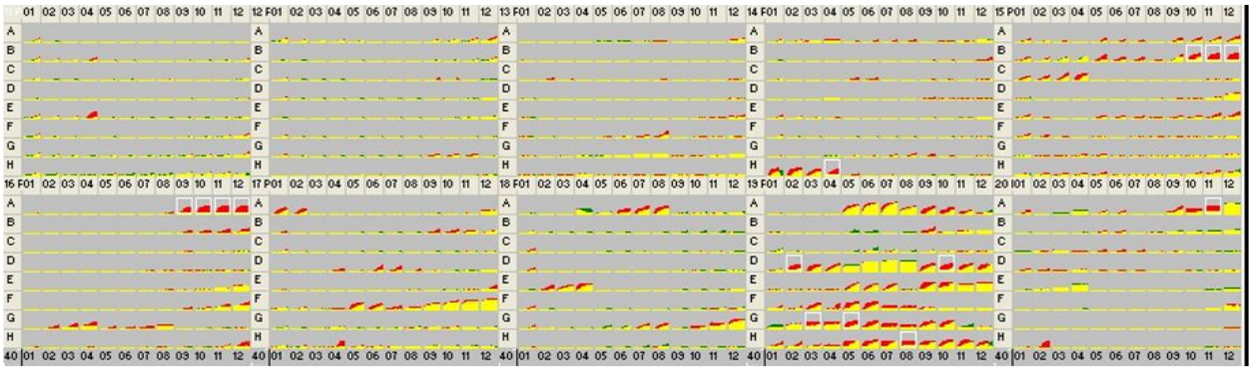

Figure S5 Comparison of growth profiles the *rel*Comp against the WT strain. Phenotypes lost by the *rel*Comp are red in color while gained are green in color. Number of phenotypes lost or

gained is mentioned in Table 2 in the main text and the list of compounds for which phenotype is lost or gained is mentioned in supplementary dataset1.

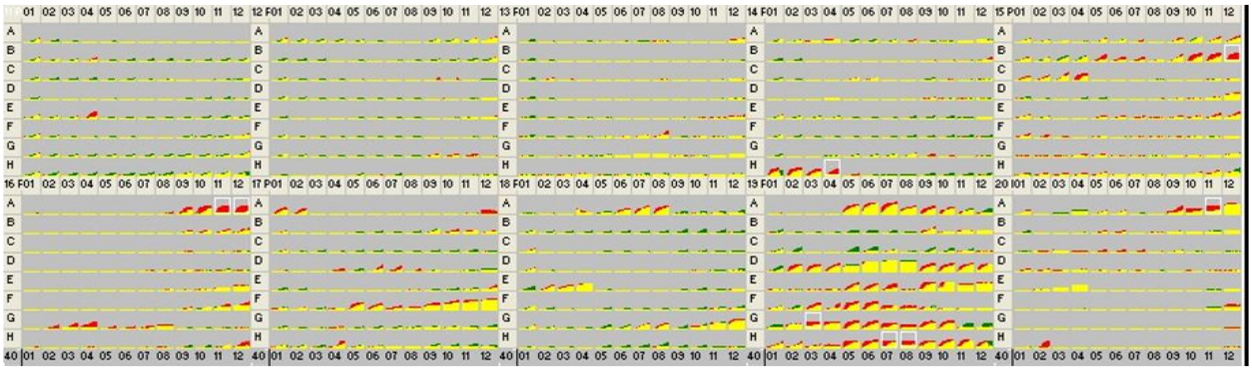

Figure S6 Comparison of growth the profiles of the *dcpA*Comp strain against the WT. Phenotypes lost by the *dcpA*Comp are red in color while gained are green in color. Number of phenotypes lost or gained is mentioned in Table 2 in the main text and the list of compounds for which phenotype is lost of gained is mentioned in supplementary dataset1.

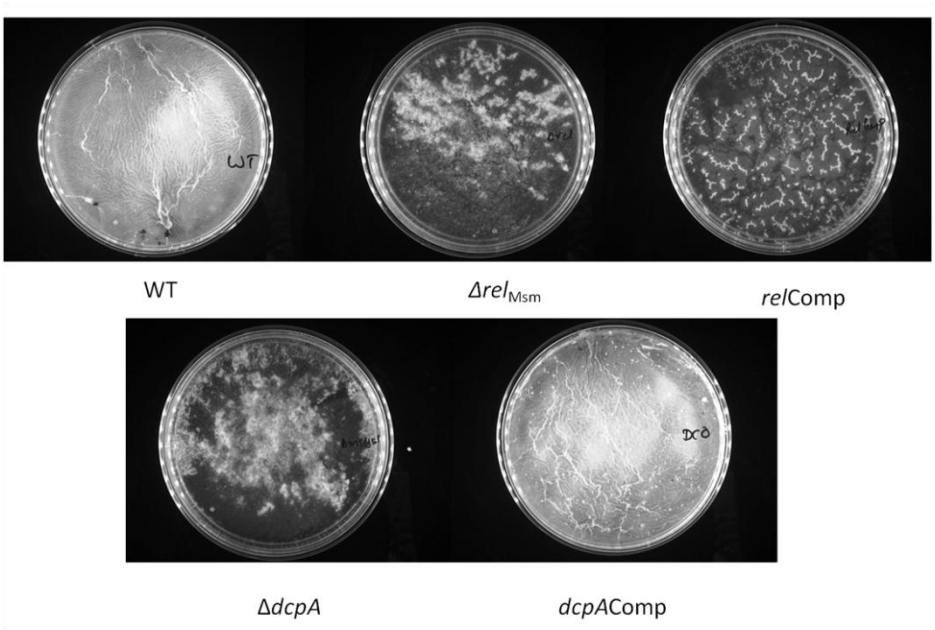

Figure S7 Assessment of biofilm formation on sauton's medium supplemented with 2% glucose.

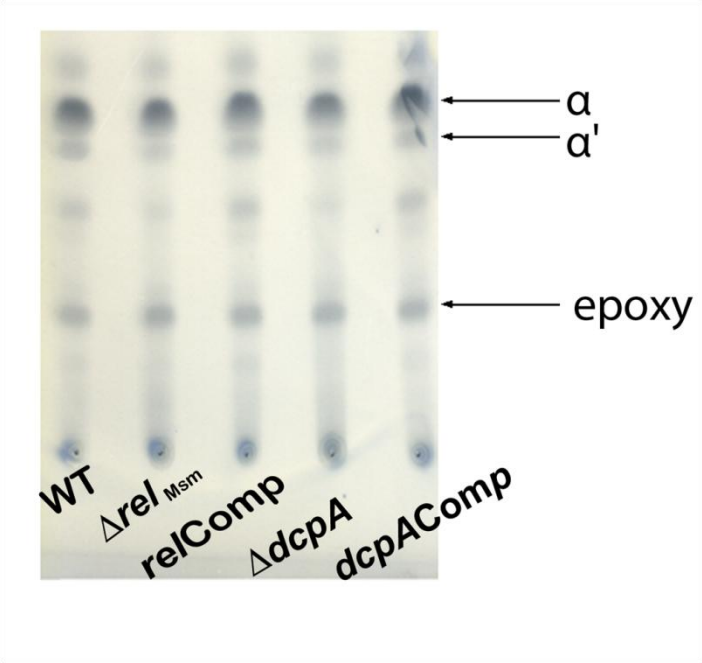

Figure S8 Thin layer chromatogram of mycolic acids methyl esters.

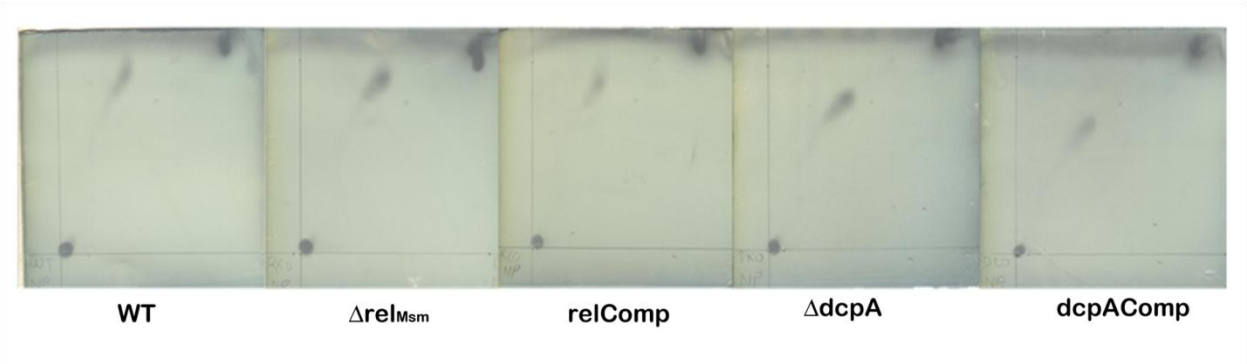

Figure S9 2D- Thin layer chromatogram of apolar lipids. First dimension was developed in chloroform-methanol (96:4) and the second dimension in toluene-acetone (80:20).

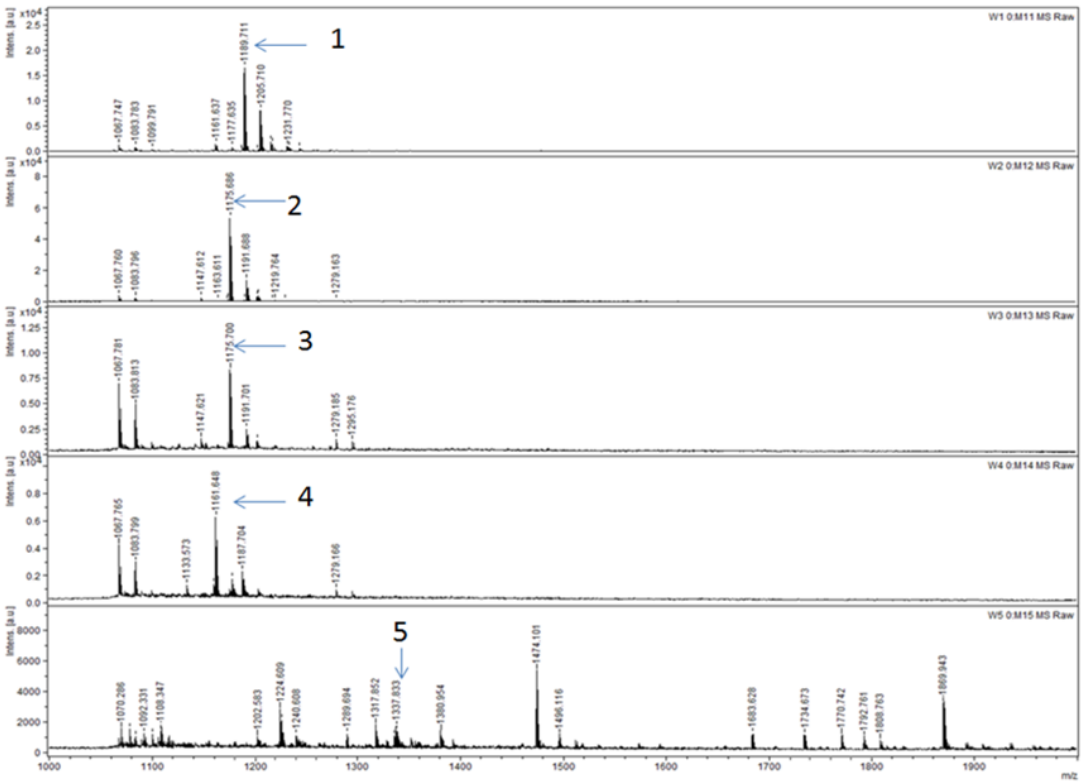

Figure S10 MALDI-TOF mass spectrum of all five deacetylated GPL bands visible on TLC plate.

Band no.	$[M+Na]^+$ (m/z) in Daltons
1	1189.711
2	1175.686
3	1175.70
4	1161.648
5	1137.833