Table S1. Tolerant subpopulation shows no significant difference in sensitivity to antibiotics or hydrogen peroxide. *M. extorquens* populations selected for tolerance via a 4 mM formaldehyde exposure experiment ("tolerant") and non-selected populations ("WT") were tested for sensitivity to H_2O_2 and antibiotics using a disk susceptibility test. Stressors were provided in the amount listed; test disks were purchased from Fisher Technical Company (Erythromycin, Kanamycin) or BD BBL Sensi-Disc (all others). Data shown here are from two experiments: an initial screening experiment conducted with no replicates, and a second experiment in triplicate.

Stress	Population	Replicate	Diameter (cm
blank disk	WT	A	0
	tolerant	A	0
Rifampicin, 5 mg	WT	A	35
	tolerant	A	36
Vancomycin, 30 mg	WT	A	0
	tolerant	A	0
Cefoxitin, 30 mg Novobiocin, 5 mg	WT	A	0
	tolerant	A	0
	WT	A	20
Nalidixic Acid, 30 mg	tolerant WT	A	23
	tolerant	A	0
Erythromycin, 15 mg	WT	A	0
	tolerant	A	0
Colistin, 10 mg Kanamycin, 30 mg	WT	A	0
	tolerant	A	0
	WT	A	30
	tolerant	A	32
Gentamicin, 10 mg	WT	A	17
	tolerant	A	13
H_2O_2 , 5 µL of 30% solution	WT	A	43
	tolerant	A	60
Ciprofloxacin, 10 mg	WT	A	0
	tolerant	A	8
Second experiment triplicates			
Second experiment, triplicates		Replicate	Diameter (cm
Second experiment, triplicates Stress	Population	Replicate	Diameter (cm
	Population		
Stress		A	53
	Population	A B	53 55
Stress	Population	A B C A B	53 55 55 55
Stress	Population WT	A B C A	53 55 55 60
Stress	Population WT tolerant	A B C A B C A A	53 55 55 60 60 55 20
Stress	Population WT	A B C A B C A B C A B	53 55 55 60 60 55 20 17
Stress H_2O_2 , 3 µL of 30% solution	Population WT tolerant	A B C A B C A B C C C	53 55 55 60 60 55 20 17 18
Stress	Population WT tolerant WT	A B C A B C A B C C A A A	53 55 55 60 60 55 20 17 18 20
Stress H_2O_2 , 3 µL of 30% solution	Population WT tolerant	A B C A B C A B C A B C A B C A B C A B C A B C	53 55 55 60 60 55 20 17 18 20 18
Stress H_2O_2 , 3 µL of 30% solution	Population WT tolerant WT	A B C A B C A B C A B C A B C A B C C A B C C A B C C A B C C C C C C C C C C C C C	53 55 55 60 55 20 17 18 20 18 18 18 18
Stress H_2O_2 , 3 µL of 30% solution	Population WT tolerant WT tolerant VOT tolerant	A B C A B C A B C A B C A B C A A A A	53 55 55 60 60 55 20 17 18 20 18 18 20 18 26
Stress H ₂ O ₂ , 3 μ L of 30% solution	Population WT tolerant WT	A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A	53 55 55 60 55 20 17 18 20 18 20 18 20 21 20 20 20 18 26 25
Stress H ₂ O ₂ , 3 μL of 30% solution Gentamicin, 10 mg	Population WT tolerant WT tolerant VOT tolerant	A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A	53 55 55 60 60 55 20 17 18 20 18 20 18 20 21 22 23 24 25 27
Stress H_2O_2 , 3 µL of 30% solution	Population WT tolerant WT tolerant WT tolerant WT	A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A	53 55 55 60 60 55 20 17 18 20 18 20 18 20 20 18 20 30
Stress H ₂ O ₂ , 3 μL of 30% solution Gentamicin, 10 mg	Population WT tolerant WT tolerant VOT tolerant	A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B	53 55 55 60 60 55 20 17 18 20 18 20 18 20 21 20 30 28
Stress H ₂ O ₂ , 3 μL of 30% solution Gentamicin, 10 mg	Population WT tolerant WT tolerant WT tolerant WT	A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C	53 55 55 60 60 55 20 17 18 20 18 18 26 25 27 30 28 28
Stress H ₂ O ₂ , 3 μL of 30% solution Gentamicin, 10 mg	PopulationWTtolerantWTtolerantWTtolerantUTtolerant	A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A	53 55 55 60 60 55 20 17 18 20 18 26 25 27 30 28 28 28 16
Stress H ₂ O ₂ , 3 μL of 30% solution Gentamicin, 10 mg Kanamycin, 30 mg	Population WT tolerant WT tolerant WT tolerant WT	A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B	53 55 60 60 55 20 17 18 20 18 26 25 27 30 28 28 28 16 15
Stress H ₂ O ₂ , 3 μL of 30% solution Gentamicin, 10 mg Kanamycin, 30 mg	PopulationWTtolerantWTtolerantWTtolerantUTtolerant	A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C	53 55 55 60 60 55 20 17 18 20 18 26 25 27 30 28 28 28 16 15 17
Stress H ₂ O ₂ , 3 μL of 30% solution Gentamicin, 10 mg	PopulationWTtolerantWTtolerantWTtolerantUTtolerant	A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B	53 55 60 60 55 20 17 18 20 18 26 25 27 30 28 28 28 16 15