

Table S2. Quantitative H<sub>2</sub>O<sub>2</sub> determination of *E. coli* culture supernatants after a treatment with 1 mM after priming bacteria with 0.1 mM H<sub>2</sub>O<sub>2</sub> in comparison to naïve cells. H<sub>2</sub>O<sub>2</sub> concentrations were determined for 0, 15 and 30 minutes after the addition of H<sub>2</sub>O<sub>2</sub> using the Pierce Quantitative Peroxide kit (Thermo Scientific, Germany). The shown values represent the mean of the supernatant from three individual cultures and their standard deviations.

Time (min)	Treatment [H <sub>2</sub> O <sub>2</sub> ] μM ( <i>mean</i> ± <i>sd</i> )		Statistical inferences	
	Naive	Primed	Fold-change ratio (naive/primed)	<i>p</i> -value
0	1062.03±44.90	1053.97± 69.58	0.99	0.4380
15	723.68±62.43	140.46±33.45	5.15	0.00014
30	379.02±49.56	22.37 ±23.06	16.94	0.00035