



**Figure S8. Ethylene emission by SA187 on synthetic medium.**

(A) Ethylene emission of *in vitro* SA187 cultures at different stages after inoculation. Average OD<sub>600</sub> values at each time point are given. Grey bar: LB medium without SA187; Green bars: LB medium with SA187. (B) Ethylene emission corrected for background ethylene levels emitted by controls and standardized per unit OD<sub>600</sub>. Measurements based on 3 biological replicates per time point. Experiment was repeated three times with similar results; a representative experiment is shown. Error bars represent SD. For (A) no significant differences were found between each time point versus the control based on the Mann-Whitney U test ( $P < 0.05$ ).