

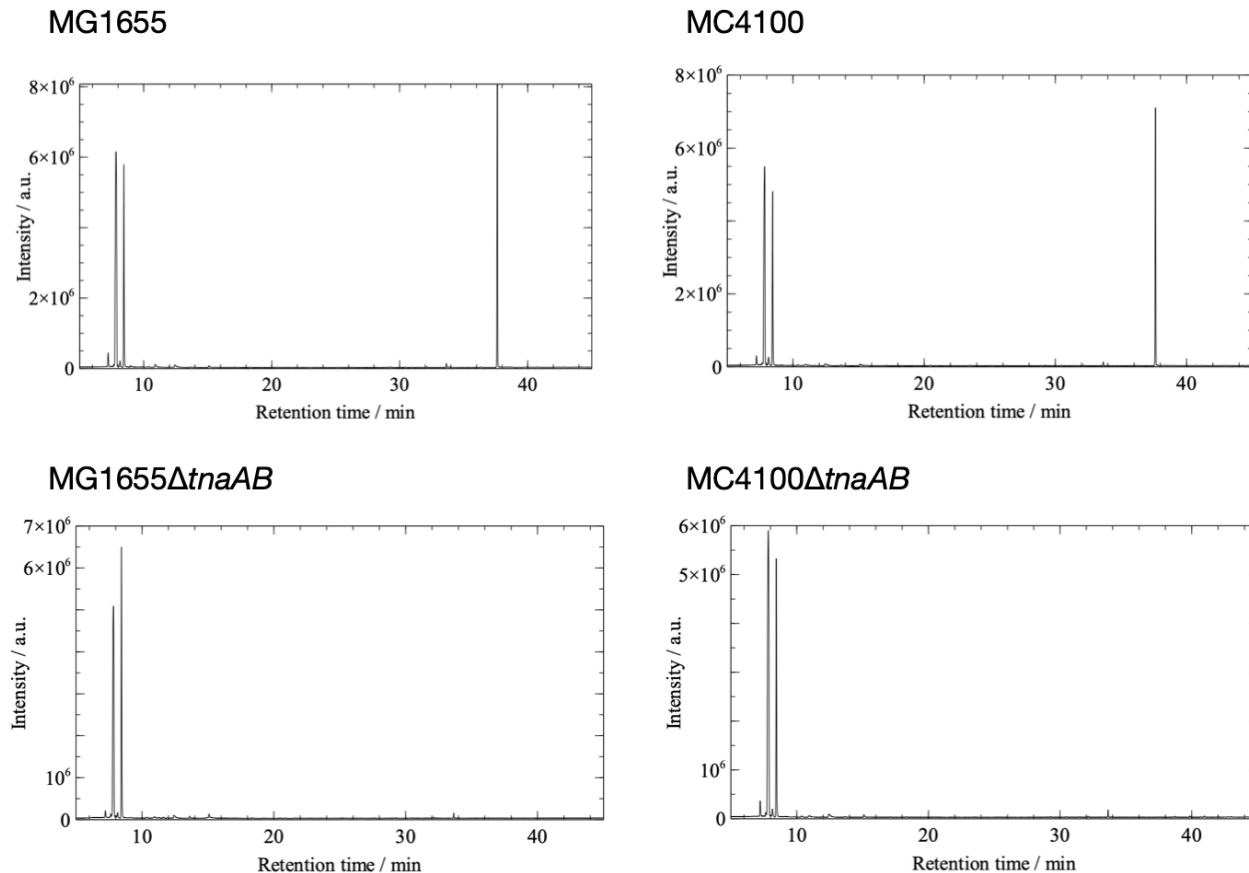
Supplementary Material

Identification of Genetic Variants via Bacterial Respiration Gas Analysis

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Supplementary Figures



Supplementary Figure 1. Repeats of the GC-MS chromatograms of the gas released from different *Escherichia coli* strains. Chromatograms of the gas present in the absorbent for all four strains MC4100, MG1655, MC4100 Δ tnaAB, and MG1655 Δ tnaAB. The detected organic species were identified from their mass/charge ratio.

Supplementary Table 1

	MC4100	MG1655	MC4100 $\Delta tnaAB$	MG1655 $\Delta tnaAB$
Amount of adsorbed indole (nmol)	1.5	1.4	0	0

Adsorbed amount of indole calculated by GC-MS analyses using a calibration standard.