Inducible gene expression system for commensal bacteria

**OCR Number:** OCR 7209

**Description:**

- A powerful and versatile gene expression system for *Bacteroides*, the most common genus of bacteria in the human gut.

- Expression of the gene-of-interest can be induced 5 orders of magnitude above background.

- Works in the 11 *Bacteroides* species tested.

- Works in mice solely colonized with the modified *Bacteroides* and mice carrying the modified *Bacteroides* with a complete microbial community.

- Can be potentially used to deliver therapeutic agents through commensal bacteria as well as a research tool.


- **Intellectual Property:** Patent Application Pending

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