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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