

New Results

The Landscape Of Type VI Secretion Across Human Gut Microbiomes Reveals Its Role In Community Composition

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This article is a preprint and has not been peer-reviewed [what does this mean?].

Abstract

Info/History

Metrics

 Preview PDF**Abstract** Previous

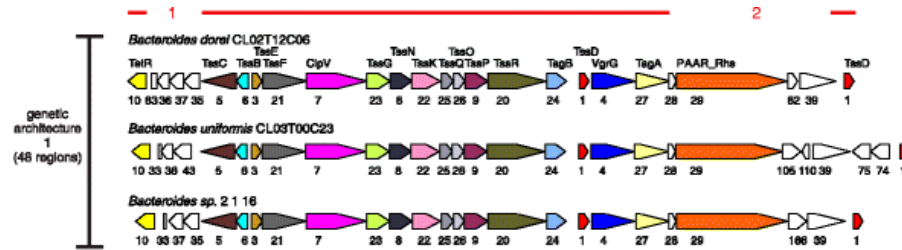
Posted May 8, 2017.

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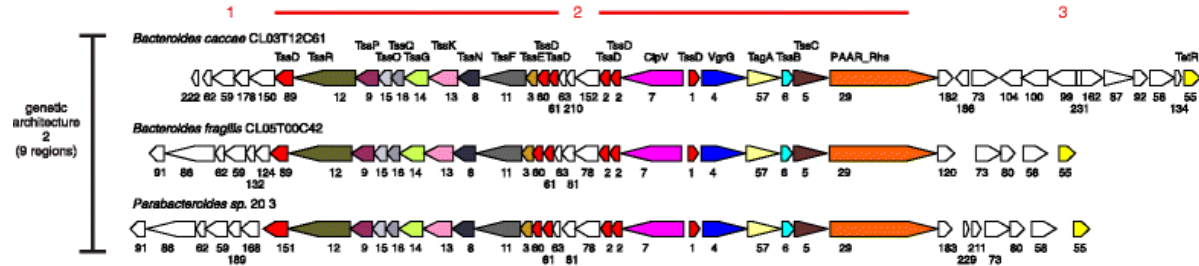
T6SS

<https://www.youtube.com/watch?v=aQIU5Cvsljw>

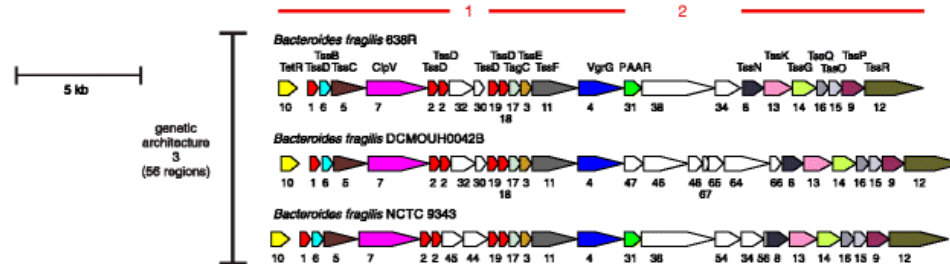
GA1 *Bacteroidales*



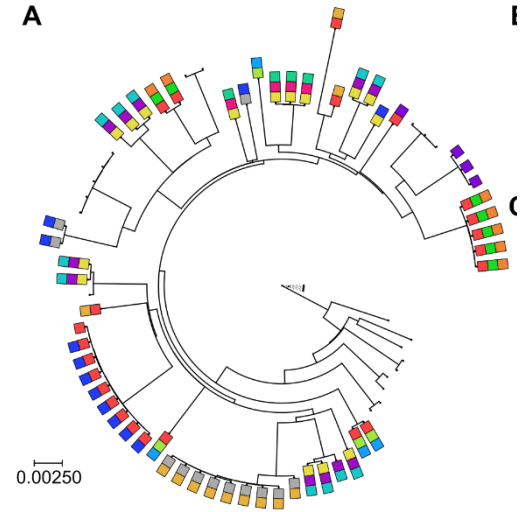
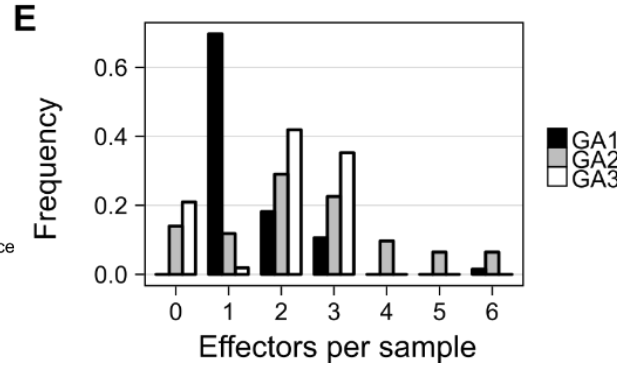
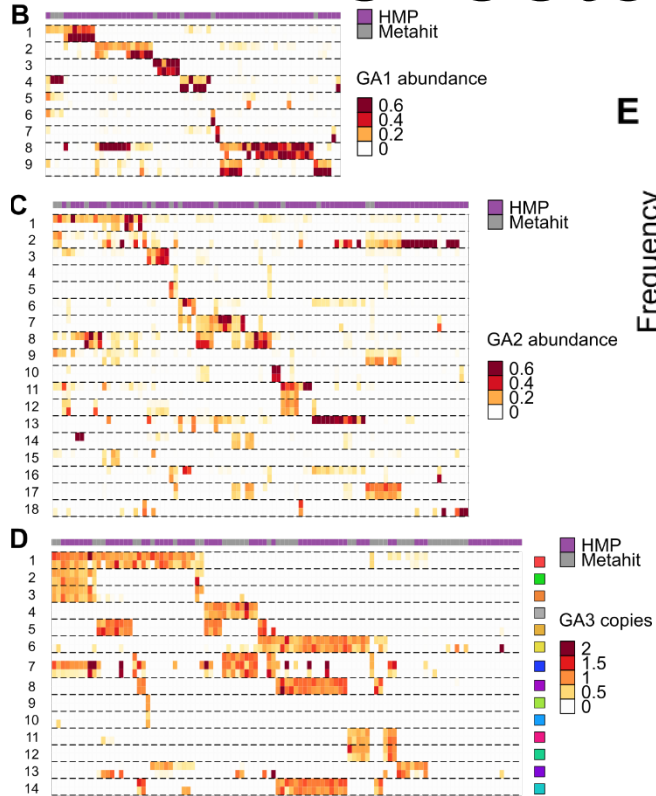
GA2 *Bacteroidales*



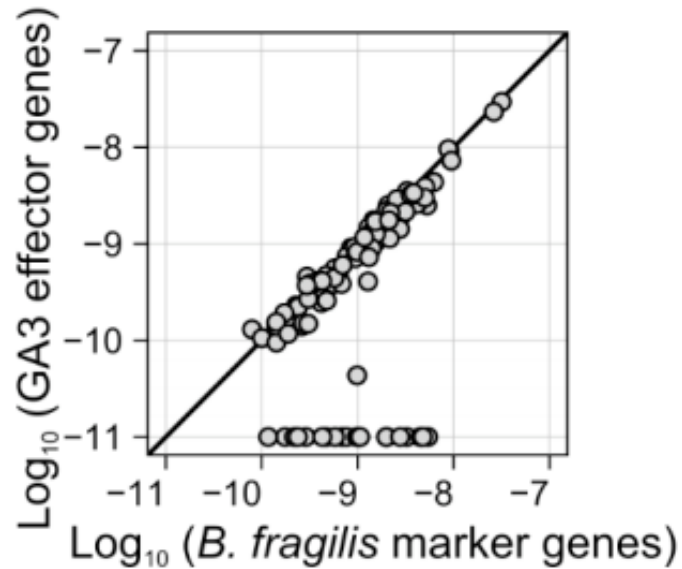
GA3 *B. fragilis* only



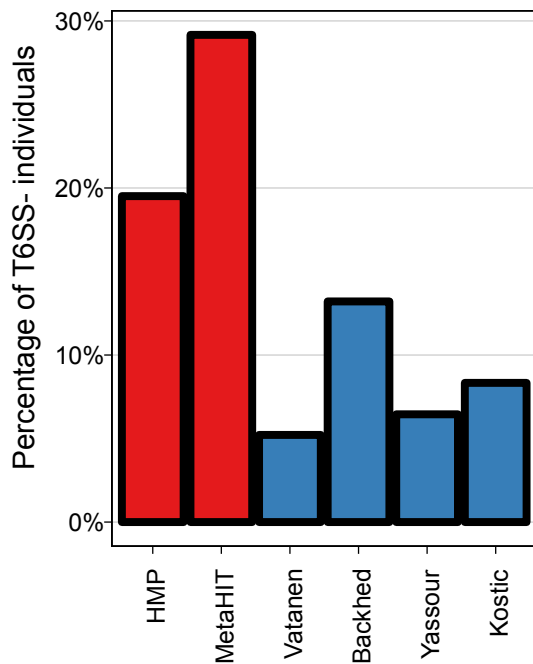
Metagenomes have few effector/immunity pairs



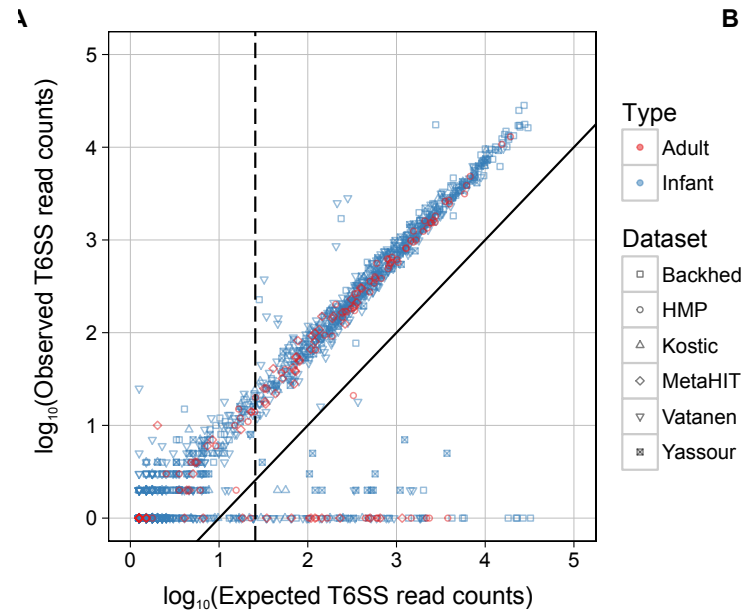
GA3 appears to come only
from *B. fragilis*



Adults with *B. fragilis* are more likely to be lacking a GA3 T6SS system

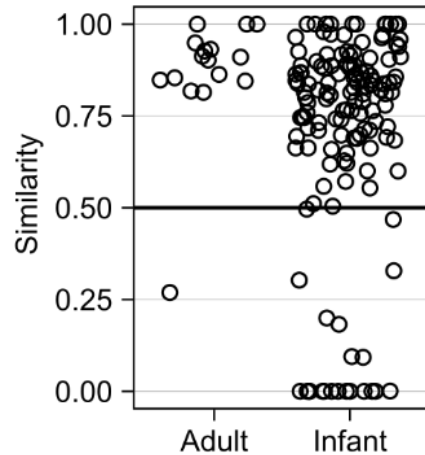


Our data: 16%
lack GA3

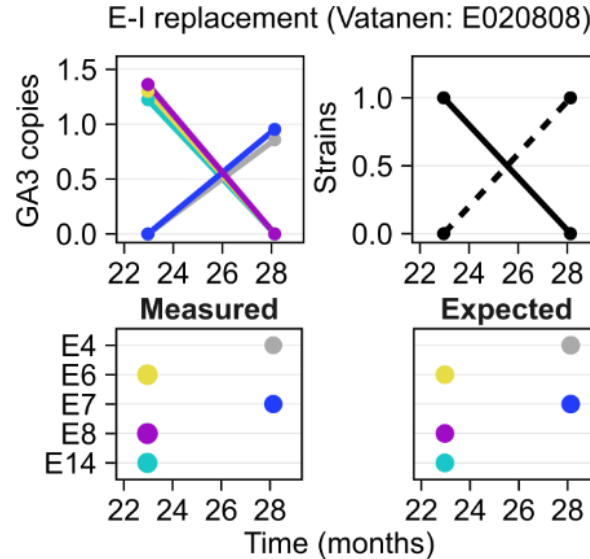


GA3 immunity pairs and *B. fragilis* strains turnover in infant gut

B



C



22 of 117 infants
had turnover

People with *B. fragilis* but no GA3 have
lower abundance of *Bacteroides*

