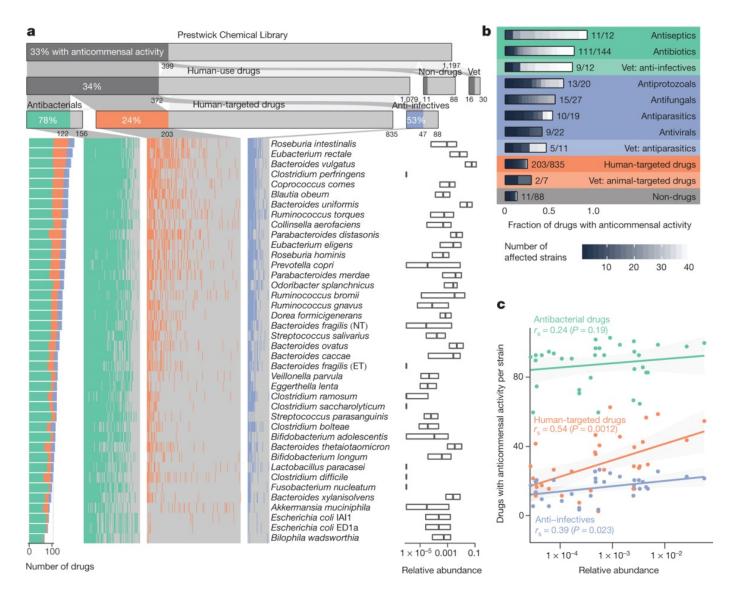
### **ARTICLE**

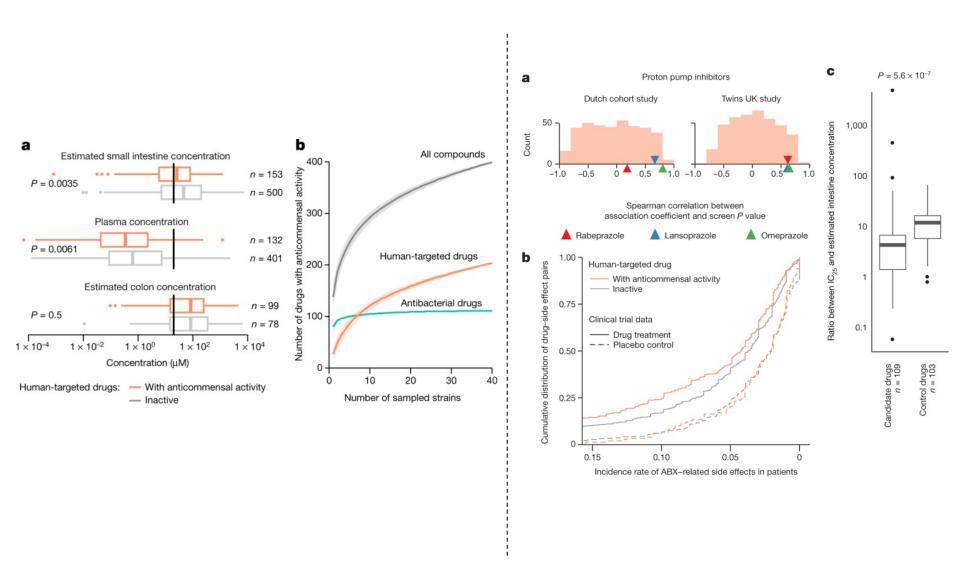
# Extensive impact of non-antibiotic drugs on human gut bacteria

Lisa Maier<sup>1</sup>\*, Mihaela Pruteanu<sup>1</sup>†\*, Michael Kuhn<sup>2</sup>\*, Georg Zeller<sup>2</sup>, Anja Telzerow<sup>1</sup>, Exene Erin Anderson<sup>1</sup>, Ana Rita Brochado<sup>1</sup>, Keith Conrad Fernandez<sup>1</sup>, Hitomi Dose<sup>3</sup>, Hirotada Mori<sup>3</sup>, Kiran Raosaheb Patil<sup>2</sup>, Peer Bork<sup>2,4,5,6</sup> & Athanasios Typas<sup>1,2</sup>

## Systematic profiling of marketed drugs on a representative panel of human gut microbial species



#### Anticommensal activity of human-targeted drugs



#### Antibiotic resistance mechanisms protect against human-targeted drugs

