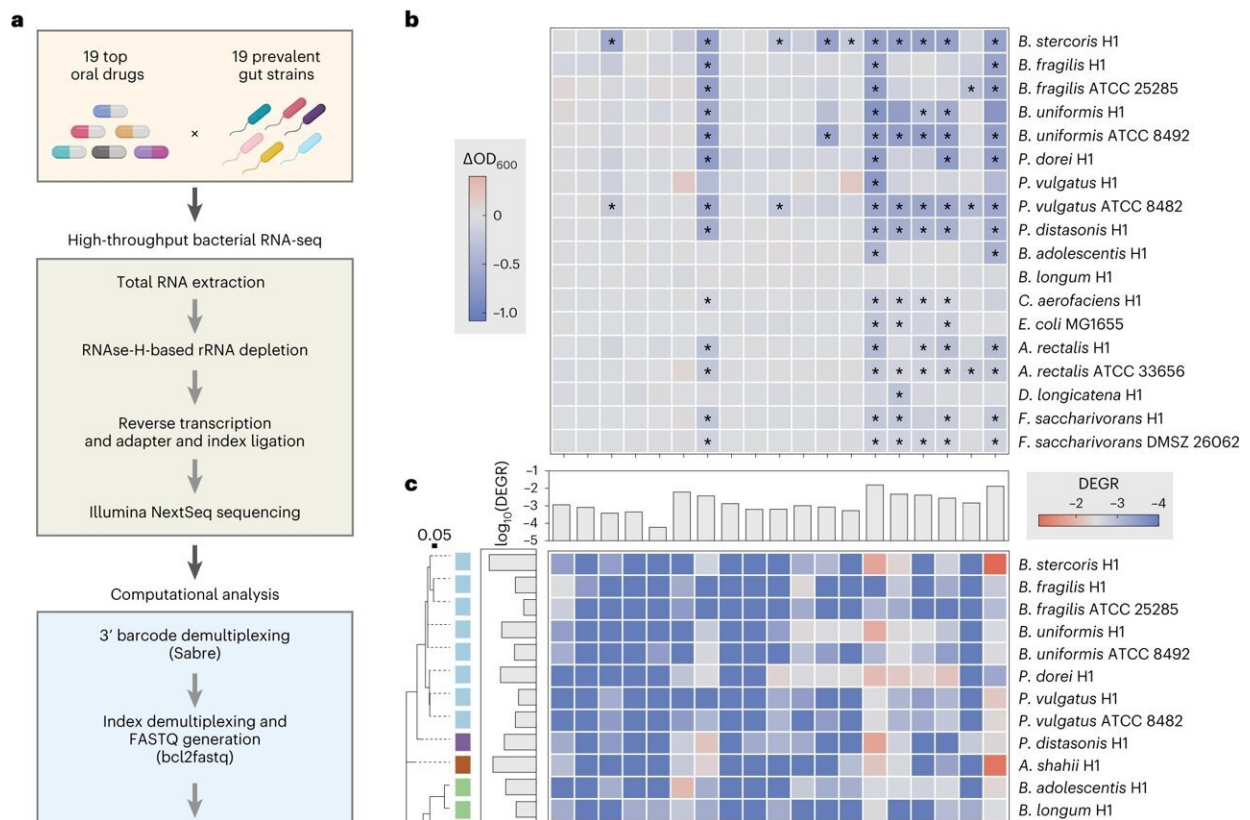


# Q&A: Prescription drugs and the gut microbiome—getting the right balance

March 8 2024



Top-prescribed drugs elicit rich transcriptomic responses from prevalent gut bacterial species. **a**, Schematic of our high-throughput transcriptomic pipeline for non-model gut microorganisms. **b**, The heat map color indicates the delta in average OD at 48 h of bacterial strain growth in mGAM supplemented with different pharmaceuticals at 100  $\mu\text{M}$  as compared to a same-volume solvent control ( $n = 3$  per condition). Drug condition is indicated on the  $x$ -axis, and strain identity is indicated on the  $y$ -axis. Asterisks indicate  $>0.3$  average absolute change in growth with  $P_{\text{adj}}$

Citation: Q&A: Prescription drugs and the gut microbiome—getting the right balance (2024, March 8) retrieved 27 April 2024 from <https://medicalxpress.com/news/2024-03-qa-prescription-drugs-gut-microbiome.html>

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