



Fig. 1. Core and pan metabolic capabilities of the *E. coli* species. The core and pan metabolic content was determined for genome-scale metabolic models (GEMs) of 55 unique *E. coli* strains. (A) The core content, illustrated by the intersection of the Venn diagram, is shared with all strains. The pan content consists of all content in any model and includes the core content. The Venn diagram is not to scale. (B) Classification of reactions in the core and pan reactomes by metabolic subsystem.