



An overview of the core *E. coli* metabolism. The outer and the inner blue boxes represent the outer and the inner surface of the cytoplasmic membrane. Cytosolic metabolites are represented by orange circles and the extracellular metabolites by yell circles. Reaction names are shown in blue.

The figure is adapted from -
 Orth JD, Fleming RM, Palsson BØ (2010a) 10.2.1 – Reconstruction and use of microbial metabolic networks: the core *Escherichia coli* metabolic model as an educational guide. In *EcoSal – Escherichia coli and Salmonella Cellular and Molecular Biology*, Karp PD (ed), 10.2.1. Washington DC: ASM Press