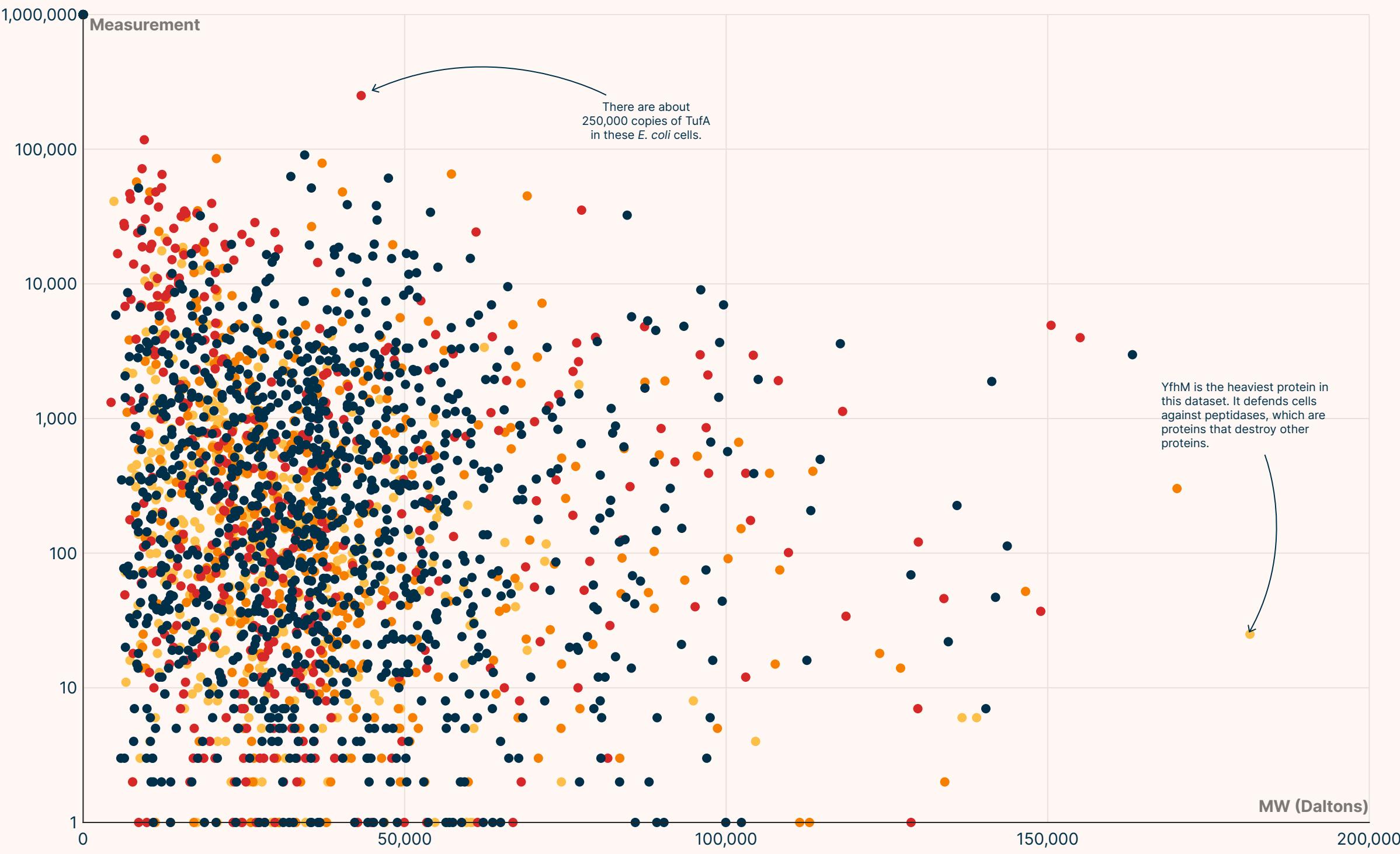


Abundance of proteins in *E. coli*, colored by cellular function

Concentration of more than 2,300 proteins in *E. coli* bacteria grown in media containing glucose at 42°C. The most abundant protein in this dataset is TufA (also known as elongation factor Tu, or EF-Tu), which aids in protein synthesis.

● Metabolism ● Poorly characterized functions ● Cellular maintenance and signaling ● Information storage and processing



All protein concentrations were measured using high-resolution mass spectrometry. Data does not include all membrane or ribosomal proteins, which are often difficult to extract and quantify. Hover over a dot to view more details.

Chart: Niko McCarty • Source: Schmidt A. et al. (2015)