

A PCA plot showing the separation of various cell components along the first principal component (PC1, 47.71% variance). The x-axis ranges from -0.8 to 0.2. The y-axis is unlabeled. Data points are colored by component and grouped by ellipses. A legend in the bottom left identifies the components:

- 40S Ribosome (red)
- 60S Ribosome (blue)
- Actin cytoskeleton (green)
- Cytosol (orange)
- Endoplasmic reticulum/Golgi apparatus (yellow)
- Endosome (grey)
- Extracellular matrix (cyan)
- Lysosome (brown)
- Mitochondrion (pink)
- Nucleus – Chromatin (purple)
- Nucleus – Non-chromatin (light green)
- Peroxisome (light blue)
- Plasma membrane (dark blue)
- Proteasome (dark grey)
- unknown (white)

