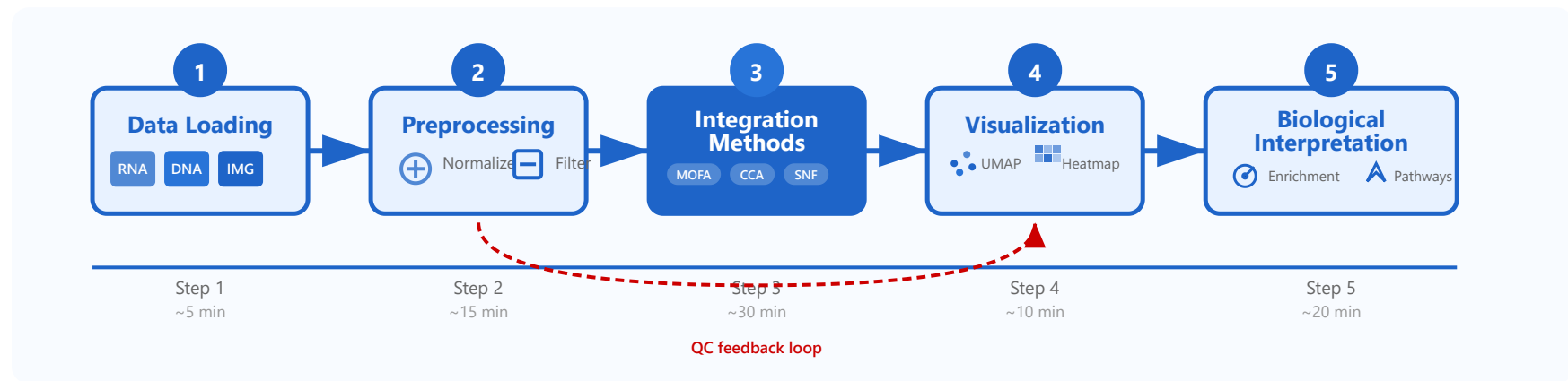# Hands-on: Integration Workflow

Data Loading

Reading multi-modal datasets

Preprocessing

Normalization and quality control

Integration Methods

Applying different integration approaches

Visualization

UMAP, t-SNE, heatmaps

Biological Interpretation

Functional enrichment analysis