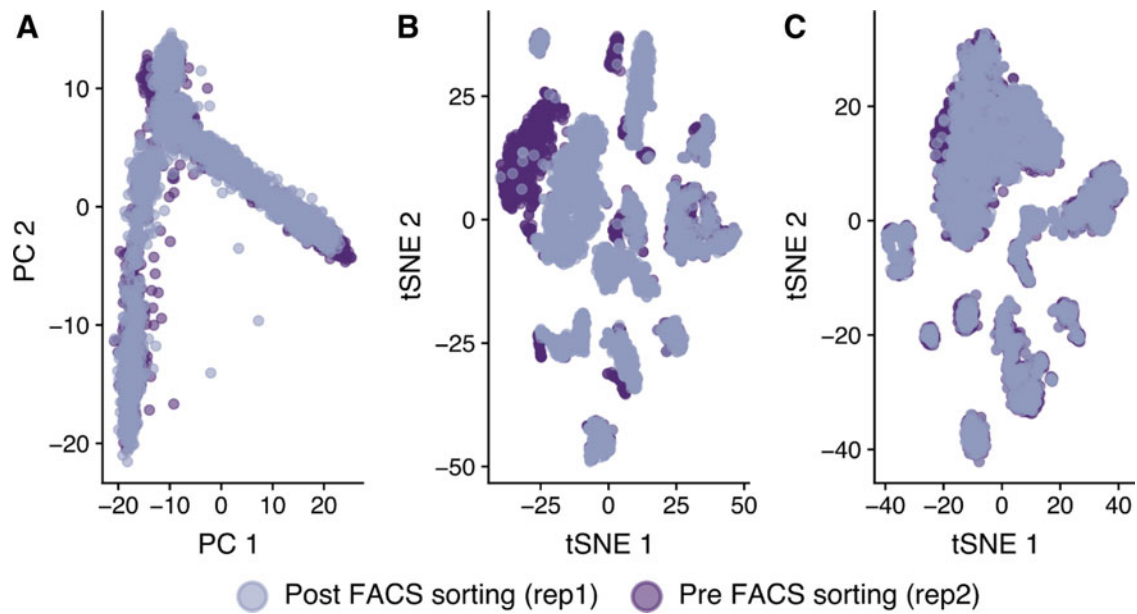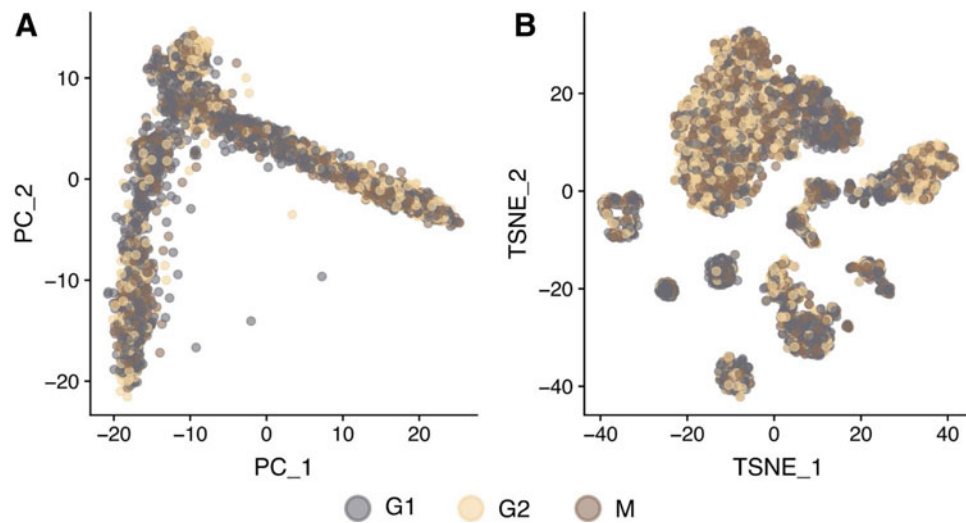# Supplementary Data

SUPPLEMENTARY FIG. S1. Batch effect exploration for replicates. **(A)** PCA plot on uncorrected data for the first two principal components showing batch effect for replicates 1 and 2. **(B)** t-SNE plot (perplexity = 30) on uncorrected data showing batch effect for replicates 1 and 2. **(C)** t-SNE plot (perplexity = 30) on fastMNN corrected data showing batch effect for replicates 1 and 2. PCA, principal component analysis; t-SNE, t-distributed stochastic neighbor embedding.

SUPPLEMENTARY FIG. S2. Cell cycle effect exploration. **(A)** PCA plot on uncorrected data for the first two principal components showing cell cycle effect. **(B)** t-SNE plot (perplexity = 30) on fastMNN corrected data showing cell cycle effect.