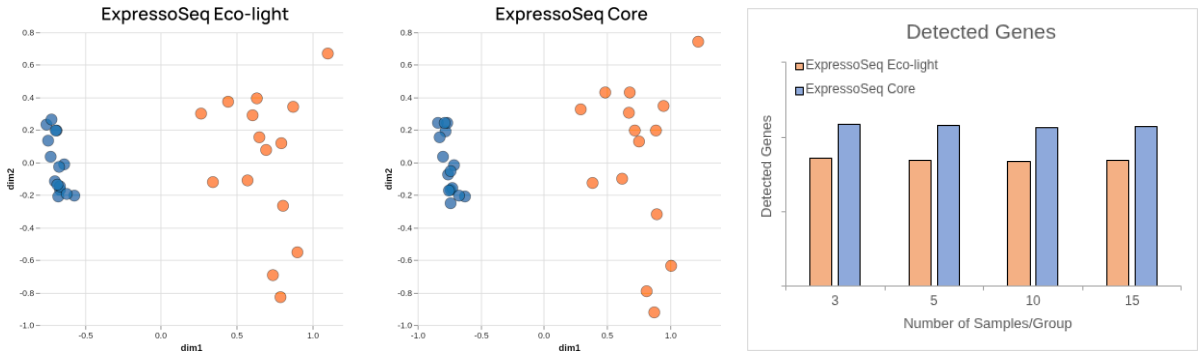
ExpressoSeq Eco-light vs. Core

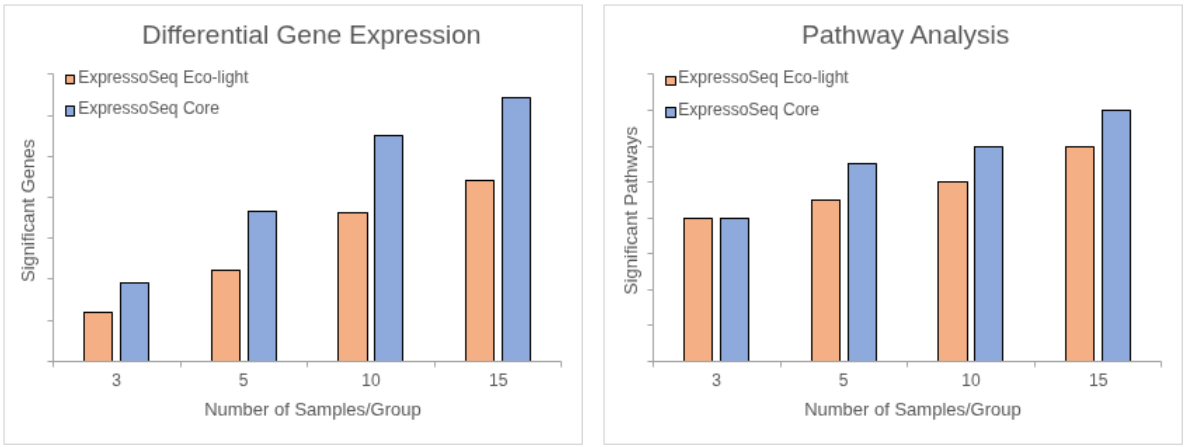
To ensure you can trust our new Eco-light service (1M reads), we ran a direct comparison against our Core service (5M reads).

Consistent Sample Clustering and Overall Gene Detection



Sample clustering is consistent, with both services cleanly separating experimental groups. This makes Eco-light ideal for identifying outliers and checking experimental success before deeper sequencing. Furthermore, Eco-light retains ~70-80% of detectable genes, with missed transcripts mostly restricted to lowly expressed genes.

Stable Overall Gene Detection



ExpressoSeq Eco-light consistently captures 60-70% of the significant genes and over 80% of the significant pathways found by the Core service. Because Eco-light is highly cost-effective, you can easily offset the reduced depth by sequencing larger sample sizes (like an N=5 instead of N=3) to achieve greater statistical reliability while saving money. This ensures you reliably capture the critical functional responses required to advance your research on budget.