Affymetrix Microarray Processing Overview

Load Raw Data → Raw Data Quality Control Plots → Background-Correct/Normalize/Summarize Using RMA → Normalized Data Quality Control Plots

▲ oligo   ▲ oligo   ▲ oligo   ▲ oligo

Map to Biomart Gene Annotations → Probeset Differential Expression → Add Additional Gene Annotations

▲ biomaRt   ▲ limma   ▪ GeneLab Reference Annotations

▲ R Library

▪ Database Table
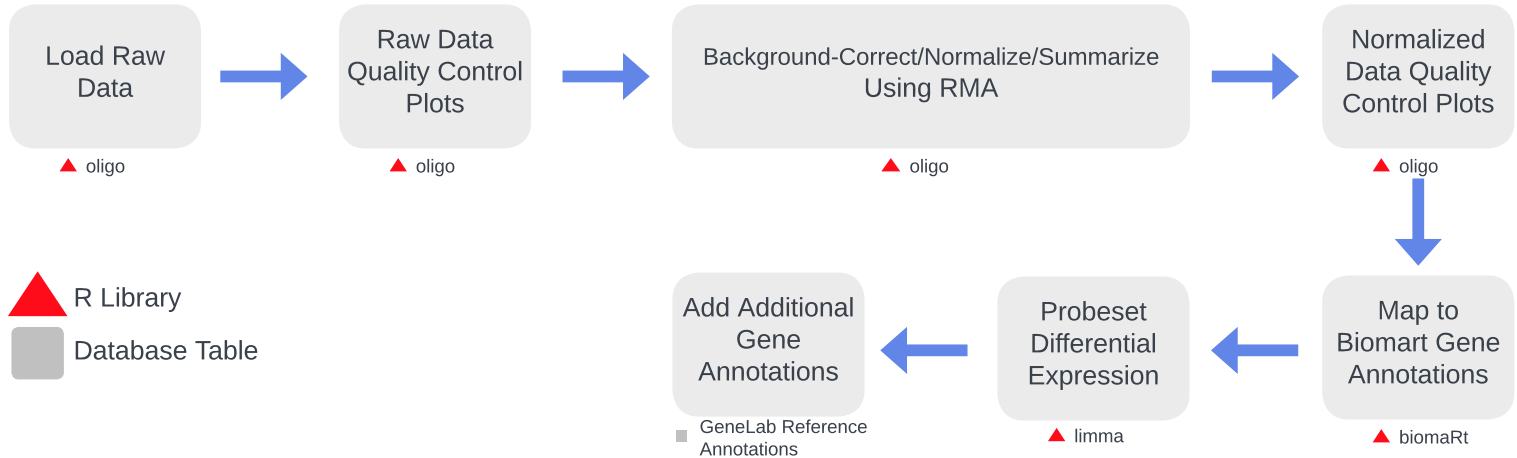
Primary Outputs:
- Quality Control Report Including Density Plots, MA Plots and Pseudoimages
- Raw and Normalized Probe Intensity Tables
- Normalized Probeset Expression Table
- Differential Expression Table