# Agilent 1 Channel Microarray Processing Overview

Load Raw Data ▲ limma → Raw Data Quality Control Plots ▲ limma → Background Correction ▲ limma → Normalize Using Quantile Method ▲ limma → Normalized Data Quality Control Plots ▲ limma

▲ R Library

▢ Database Table

Add Additional Gene Annotations ▢ GeneLab Reference Annotations ← Probe Differential Expression ▲ limma ← Map to Biomart Gene Annotations ▲ limma
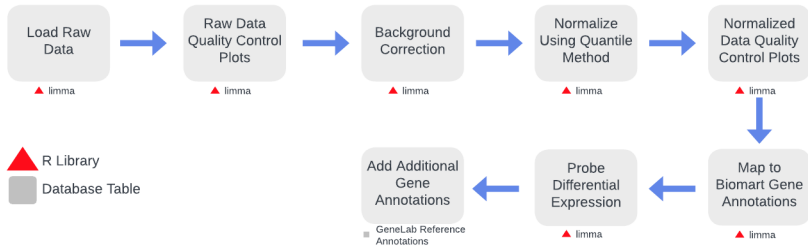
**Primary Outputs:**
- Quality Control Report Including Density Plots, MA Plots and Pseudoimages
- Raw and Normalized Expression Tables
- Differential Expression Table