# Gene Chip® Human Exon 1.1 ST Array (Affymetrix)
## Acute Myeloid Leukemia (AML) - Gene Expression

*Protocols were performed at Hudson Alpha, Inc., and the Fred Hutchinson Cancer Research Center.

All microarray experiments were performed according to manufacturer's protocol using the Ambion WT Expression Kit, the GeneChip WT Terminal Labeling and Controls Kit, and the GeneTitan. The arrays were hybridized according to manufacturer's protocol to the Human Gene 1.1 ST 96-Array Plate using the Affymetrix GeneTitan.

Arrays were scanned and raw image data (intensity files) were generated using Affymetrix GeneChip Command Console Software.

Raw intensity files were imported into Affymetrix Expression Console Software and normalized using the Robust Multichip Analysis-sketch workflow to assess quality control parameters and ensure uniform performance across the data set.  All raw files were uploaded into Partek Genomics Suite (St. Louis, MO) and RMA normalized upon import.

To assign a single value per gene ID, multiple cluster IDs mapping to the same gene ID were averaged into one value.  The level 3 file represents the average (if multiple cluster IDs are represented) value per gene.