

**Gene Chip® Human Exon ST Array (Affymetrix)
Osteosarcoma (OS) – Gene Expression**

*Protocols performed at the Children’s Hospital of Los Angeles and Texas Children’s Hospital.

RNA labeled using labeling protocol described by Affymetrix and reagents from Affymetrix.

Samples were hybridized using Affymetrix hybridization kit materials and protocols on the Affymetrix Fluidics Station 450.

Scanning of the microarrays was performed according to Affymetrix's recommended protocol for the Affymetrix Genechip Scanner 3000 7G.

Data preprocessing and normalization done using the affymetrix APT package with RMA.

Exon level data (L2) transformed into gene level data (L3) by averaging the probesets per gene.