**Final\_Smokescreen Imputation Process**

The Axiom Smokescreen Chip is on:

Genome Version: hg19

Genome Version UCS: hg19

Genome Version NCBI: 37

Strand: +

With that in mind the appropriate steps were used to infer haplotypes utilizing a reference set in the same version and strand. This assures that the SNPs are matched for their chromosomal coordinates and strand between the reference and target datasets.

The reference dataset used for this imputation process was: 1,000 Genomes haplotypes -- Phase 3 integrated variant set release in NCBI build 37 (hg19) coordinates

The imputation software used were: IMPUTE2 & SHAPEIT