

# The McDermott Center Sequencing Core

Requirements for Genotyping and SNP assays:

For either genotyping or SNP assays three ul high quality genomic DNA should be supplied at a concentration of 10 ug/ml for each assay. For example: a genome wide scan (811 markers) would require about 2.5 ml DNA per sample, and to assay 15 SNPs would require about 50 ul per sample.

Genotyping is provided at a cost of \$1.00 per marker per sample. The five centimorgan map set from ABI is our basic marker set.

SNP assays are provided at a cost of \$0.30 per sample plus the cost of the ABI probes. We can help you order the TaqMan probes (Assays-By-Design) from ABI. The cost for the probes should be \$0.52 per sample or less. The minimum size order from ABI is sufficient for 600 samples.