

Human Single Nucleotide Polymorphism (SNP) Determination

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SNPs are single nucleotide polymorphisms; they represent the simplest type of genetic variation between individuals. A SNP refers to a specific location in the genome where at least 1% of the individuals in a population have a different nucleotide. This Mini Workshop was a follow-up to the Major Workshop "Human Single Nucleotide Polymorphism (SNP) Determination." I presented an overview of the student lab procedures and we interpreted results from ABLE participants' DNA analyses. We discussed published population data for this particular SNP and saw how ABLE members' data compared. I briefly described our use of a case study developed to set the context for students' understanding of SNP analysis. For additional information about the human SNP determination lab exercise, please refer to the major workshop information in this volume of the *ABLE Proceedings*.