



Information about Haplotypes

What is the link between SNPs and Haplotypes?

If your question is “What is the definition of haplotypes in terms of SNPs?” here is the answer:

The word "Haplotype" has two definitions. The first definition is the one most people think of—a haplotype is the genetic constitution of an individual chromosome (in diploid species); one member of a pair of alleles for each loci.

When haplotypes are defined with relation to SNPs, the definition changes: a haplotype is a set of SNPs found to be statistically associated on a single chromatid. That is, adjacent SNPs that are inherited together on the basis of linkage disequilibrium. A good site to go to for a more detailed definition is the [International HapMap Project \(11/13/06\)](#)

What is a Haplotig?

A Haplotig is a "contig of clones with the same haplotype". You can find the original reference to this word in *Genome Biology* 2007, **8**:R114, which is available [online](#). (7/13/07)