

# **Discovering Genotypes for Common Complex Disease through DNA-pooling**

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DNA pooling is a powerful and efficient tool for high throughput association analysis of complex disease. Large collections of individuals are required to investigate the association of commonly occurring genetic variation with complex disease. However, analyses of large samples are often impractical due to the expense of individual genotyping. The use of DNA pooling can be an extremely effective method for conserving DNA, and can significantly reduce the number of genotyping reactions required; hence reducing the cost of large-scale case-control association studies. Here, we discuss the design and analysis of DNA pooling genetic association studies.