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GeneSeek is a preferred provider of high-throughput Illumina-based Infinium and GoldenGate genotyping as well as Sequenom-based Mass Spec genotyping. We can perform genotyping after processing a wide variety of sample types, including blood, blood spots, hair, nasal swabs, ear-tag punches, muscle and semen.

GeneSeek has been a trusted genotyping and sample management service provider for more than 10 years. We look forward to contributing our expertise initially to help you and your collaborators achieve your research goals, and subsequently to help you apply your findings in a manner that may allow a significant value proposition.

Our use of multiple platforms, flexibility in sample types, and state-of-the-art robotics enables us to assist with genotyping of any project regardless of size or scope. This includes efficient genotyping with Illumina's BovineSNP50 array and the upcoming iSelect arrays for pig, sheep, chicken and horse. GeneSeek has been commercially offering service for Illumina's BovineSNP50 Genotyping BeadChip since February 2008 and has already successfully processed thousands of samples.

**GeneSeek is the first Illumina certified CSPro genotyping lab dedicated to animal agribusiness and veterinary medicine.** *Illumina CSPro Providers undergo a rigorous two-phase certification process that includes minimum data generation, data certification, and an on-site audit of the facility and processes.*

GeneSeek has also developed a unique mechanism for cost-effective use of positive controls to help maintain QC of sample identity throughout the potentially extensive and convoluted chain of custody. This involves independent genotyping of GeneSeek's Seek-TRACE SNP products using the MassArray platform. This cross-platform genotyping of common SNPs enables highly effective and simultaneous project QC to manage integrity of sample ID from the farm and through the various labs that are processing the sample until final genotypes are used for analysis.

***A message from our CEO, Dr. Abe Oommen: "GeneSeek is the leading provider of genotyping services for agribusiness, and we are now thrilled to add Illumina's high density Infinium SNP arrays to our diverse and powerful service product line. We are excited to be the first Illumina CSPro Provider focusing on livestock and companion animals. We can now provide our global customer base with the high SNP-number genotyping needed to make DNA-based discoveries, as well as the subsequent lower SNP-number genotyping required to implement such discoveries on a cost-effective basis across very large populations of agricultural species."***