





A Comprehensive Set of Tools for DNA Analysis

APPLICATION	Sequence-Based Discovery	Whole-Genome Association/ CNV Analysis	Focused Analysis		Validation, Screening, & Standard Testing
TECHNOLOGY	Sequencing	BeadArray	BeadArray		VeraCode
PLATFORM	 Genome Analyzer	 iScan System	 iScan System		 BeadXpress Reader
ASSAY	Sequencing by Synthesis	Infinium Assay	Infinium Assay GoldenGate Assay		GoldenGate Assay Open Platform Assay
DENSITY	> 20 GB per run	300K to 1M	3K to 200K (Infinium) 96-, 384-1,536-plex (GoldenGate) Custom	Standard	48- to 384-plex (GoldenGate) 1- to 144-plex (Open Platform) Custom
PRODUCT	<ul style="list-style-type: none"> Whole-Genome Resequencing Targeted Resequencing De novo Sequencing ChIP Sequencing DNA Methylation 	<ul style="list-style-type: none"> Human1M-Duo Human1M-Duo+ Human660W-Quad HumanHap550-Quad+ HumanCytoSNP-12 	<ul style="list-style-type: none"> Infinium iSelect Genotyping Panels 3K-200K GoldenGate Genotyping Panels 96- to 1,536-plex 	<ul style="list-style-type: none"> HumanLinkage-12 HumanCVD BovineSNP50 CanineSNP20 EquineSNP50 OvineSNP50 PorcineSNP60 Human Methylation27 African American Admixture Cancer SNP MHC DNA Test Mouse Linkage 	<ul style="list-style-type: none"> VeraCode GoldenGate VeraCode GoldenGate Methylation VeraCode Universal Capture Beads VeraCode Carboxyl Beads