

SERVICES & SOLUTIONS

Agriculture / Evolutionary Biology
Veterinary Genomics / Food Safety
Research Healthcare

Services & Solutions

Capture-Seq

- Targeted genotyping & genome discovery
- 1,000 – 450,000+ targets
- Lower missing data vs GBS
- Greater flexibility vs genotyping arrays
- Up to 6-week turnaround time

Flex-Seq[®] Ex-L

- Ultra high-throughput targeted genotyping
- 1 – 20,000+ markers
- Greater flexibility vs genotyping arrays
- Custom panel designs in as few as 8 weeks
- Up to 2-week turnaround time

Whole-Genome Sequencing (WGS)

- Comprehensive genotyping & genome discovery
- One size fits all: any species, any sequencing depth
- Genome skimming, shotgun sequencing & de novo genome assembly
- Up to 4-week turnaround time

GD-Seq

- Enhanced marker discovery for repetitive genomes
- Cost-effective: improved recovery of low copy regions in repetitive genomes vs WGS
- Genome skimming for imputation
- Up to 4-week turnaround time

RNA-Seq

- Transcriptome sequencing & relative expression analysis
- One size fits all: any species, any # of sequencing reads per sample
- Minimum 96 samples
- Up to 8-week turnaround time

Bioinformatics & Data Analysis

- Complete molecular breeding solutions & consultations
- Marker discovery & analysis, genomic selection modeling, genome-wide association studies (GWAS)
- Custom analyses, reporting & data formatting

LEADING A NEW ERA OF GENOMICS

At Rapid Genomics, the key to improving the future is within the secrets of the genome. Our mission is to expand global access to the technologies required for uncovering those secrets with the highest standards of accuracy and reliability. We provide flexible solutions to a range of commercial and research interests focused on agriculture, veterinary genomics, healthcare, and evolutionary biology. Our customers partner with us to advance their goals and, ultimately, strengthen the industries that do everything from producing our food to curing disease.



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