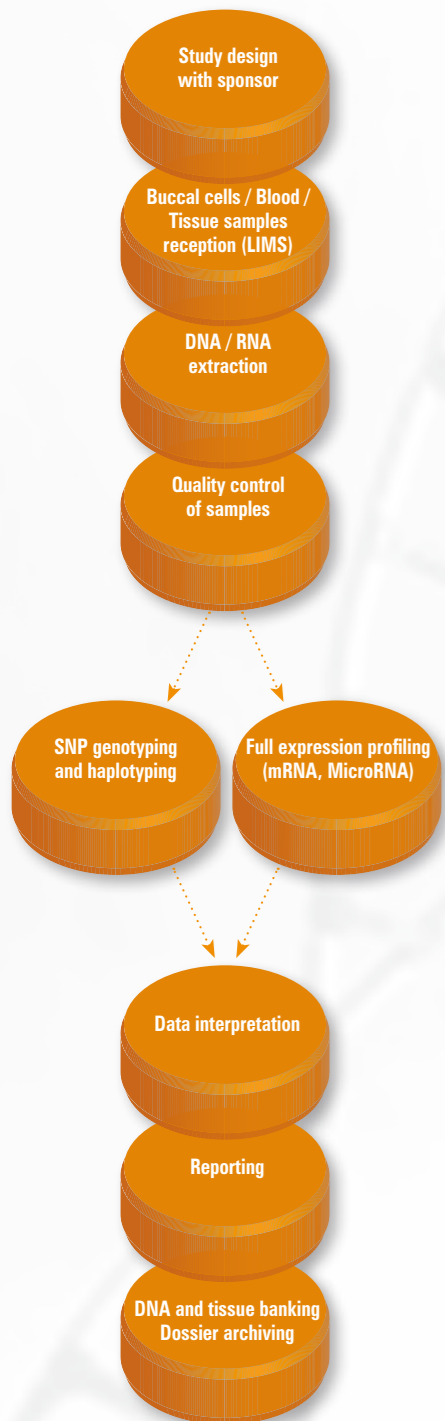


Laboratory workflow



Why choosing **DNAVISION** ?

At DNAVision, we understand the importance of «meeting the highest quality standards» when using DNA testing and expression profiling for our customer.

By choosing DNAVision, companies and research institutes involved in Animal Genetics will benefit from the **quality, expertise and flexibility.**

We provide as specialist in DNA/RNA analysis.

Quality strengths

- ▶ Laboratories dedicated to ISO 17025 and/or GLP compliant services
- ▶ All work driven by SOP and formal assay validation process
- ▶ Full traceability from sample receipt to final report (LIMS)
- ▶ Privacy and confidentiality
- ▶ Strict adherence to study plan
- ▶ Full transparency in study execution
- ▶ Sample storage, data protection and archiving
- ▶ Regular external audits

Expertise strengths

- ▶ Network of scientific experts
- ▶ Fully trained scientists and technical laboratory staff
- ▶ Study design with sponsor
- ▶ Biostatistics and Bioinformatics specialits

Flexibility strengths

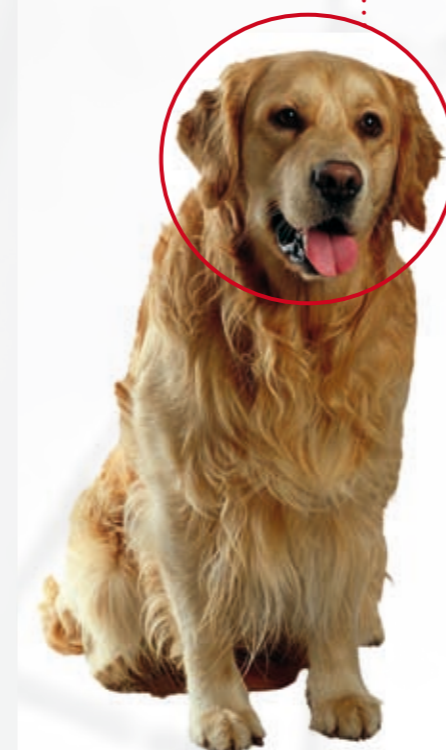
- ▶ Low and high throughput technologies
- ▶ Custom assay development and validation
- ▶ Customisable format for reporting results
- ▶ Rapid turnaround time from sample receipt to reporting
- ▶ Bioinformatics tools & custom software development
- ▶ Biobanking facilities

Your High Quality service provider for DNA genotyping, expression profiling (mRNA /microRNA) and routine diagnostic testing

DNAVision is a leading global provider in Animal Genetics services

By its unique expertise and a range of services in genetic and genomic analysis of both high and low throughputs, **DNAVISION** provides innovative solutions in Animal Genetics for researchers, breeders, farmers, veterinarians, scientists and governmental agencies.

Our commitment to continuously innovate following the **highest Quality** standards allows us to build strategic alliance and collaborative partnerships with leading companies providing high-quality molecular products and cutting-edge technologies.



Our complete solution

1
Genotyping

2
Marker Identification

3
Expression profiling
mRNA/miRNA

4
Routine diagnostic

1 Genotyping

Applications :

- Whole Genome association studies
- Genome-wide selection
- Determination of genetic merit
- Identification of quantitative trait loci
- Comparative genetic studies

Technologies :

- High to low throughput SNP genotyping
- Microsatellite analysis

2 Marker identification

Reliable service provider
throughout process :

- Target identification
- Target validation
- Analytical validation
- Routine test service provider

3 Expression profiling mRNA/miRNA

From single gene to whole transcriptome
analysis miRNA profiling

Monitoring gene expression linked to :

- Disease resistance/susceptibility
- Meat and dairy production
- Developmental stages
- Stress response

4 Routine diagnostic

Fast turnaround

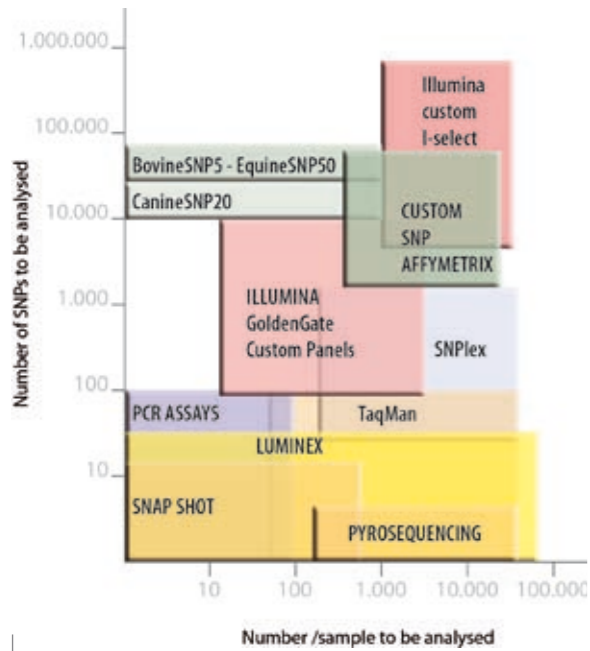
Highest quality standard (ISO 17025 accredited tests)

Quality controls throughout sample processing

Flexibility in result delivery

Standard test and custom-made tests for :

- Traceability
- Parentage analysis
- Single gene genotyping



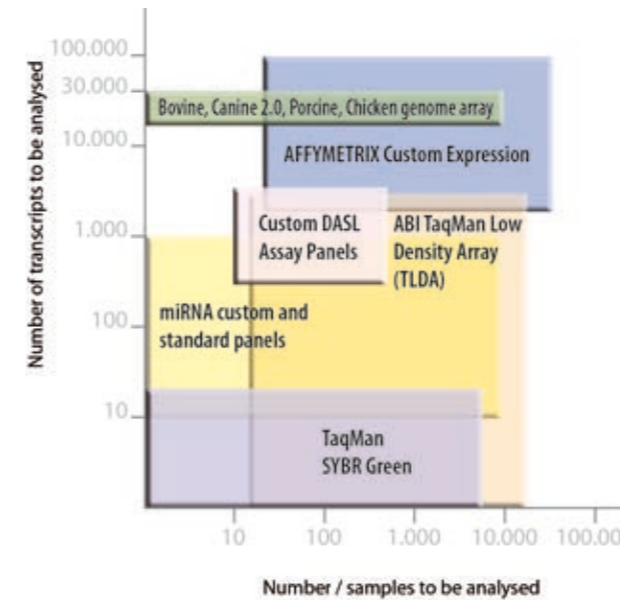
Key assets :

- Low and high throughput SNP genotyping
- Custom assay development and validation
- Biostatistics and bioinformatics services
- High quality standard



SNPs : Single Nucleotide Polymorphism

Important role in phenotypic variation and are useful tools to for interrogating genetic variation and useful tools for interrogating genetic variations



Mi(cro)RNAs

Untranslated RNAs which regulate mRNA translation without inducing mRNA degradation



DNAVISION now offers the powerful combination of different technologies in expression profiling and SNP genotyping.

