



Igenity[®]

Igenity Select

Benefits:

- Streamlined genomic profile
- Excellent decision-making tool for commercial dairy
- Provides highly reliable results for cost-conscious producers
- Powered by a custom 65,000 SNPs content chip
- Supported by the Council on Dairy Cattle Breeding (CDCB) to give accurate results

Breeds Supported:

Holstein, Jersey, Ayrshire, Guernsey, and Brown Swiss.

Submission Information

Animal ID, permanent ID (e.g. registration number or RFID), sex, breed, birthdate, and multiple birth status are required for submission. Turnaround time for this profile is approximately 3–4 weeks.

Profile Detail

Results from Igenity Select include over 50 traits received from the CDCB evaluation and includes content for coat color, milk components and genetic conditions.

Igenity[®] Select includes the Following Traits Plus Additional Add-on Content:

Key Traits		
Parentage verification	Net merit	Milk yield
Fat (lbs.)	Protein (lbs.)	Somatic cell score
Productive life (months)	Daughter pregnancy rate	Daughter calving ease*
Igenity performance index (IPI)*	Final score (PTAT)	Genomic future inbreeding
Health Traits		
Cow livability	Hypocalcemia (Milk fever)*	Displaced abomasum*
Ketosis*	Mastitis*	Metritis*
Retained placenta*		
Yield Traits		
Fat (%)	Protein (%)	Cheese merit
Fluid merit	Grazing merit	
Fertility Traits		
Sire calving ease*	Heifer conception rate	Cow conception rate
Daughter stillbirth*	Sire stillbirth*	Gestation length
Haplotype status*	Early first calving	



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Type Traits		
Feet/legs composite*	Udder composite*	Stature
Strength	Body depth*	Dairy form
Rump angle	Thurl width	Rear legs side view
Rear legs rear view*	Foot angle	Feet and leg score*
Fore udder attachment	Rear udder height	Rear udder width
Udder cleft	Udder depth	Front teat placement
Rear teat placement*	Teat length	
Genetic Conditions		
Coat color (including black/red)*	Dominant red coat color*	Haplotype polled
Haplotype brachyspina*	Haplotype CVM*	Haplotype HCD
BLAD*	DUMPS*	Haplotype mulefoot
Kappa-casein	Beta-casein	Beta-lactogloblin
SMA†	SDM†	Weaver†
Breed Composition		
Ayrshire (%)	Brown Swiss (%)	Guernsey (%)
Holstein (%)	Jersey (%)	

Add-on Content Available with Igenity Select
BVD diagnostic testing, causative horned or polled, causative brachyspina, caustative CVM
A2 beta casein

*Traits available for Holstein animals, but may not be available for all breeds.

†Traits available for Brown Swiss animals only.