



AXIOM

THE FRENCH GENETICS

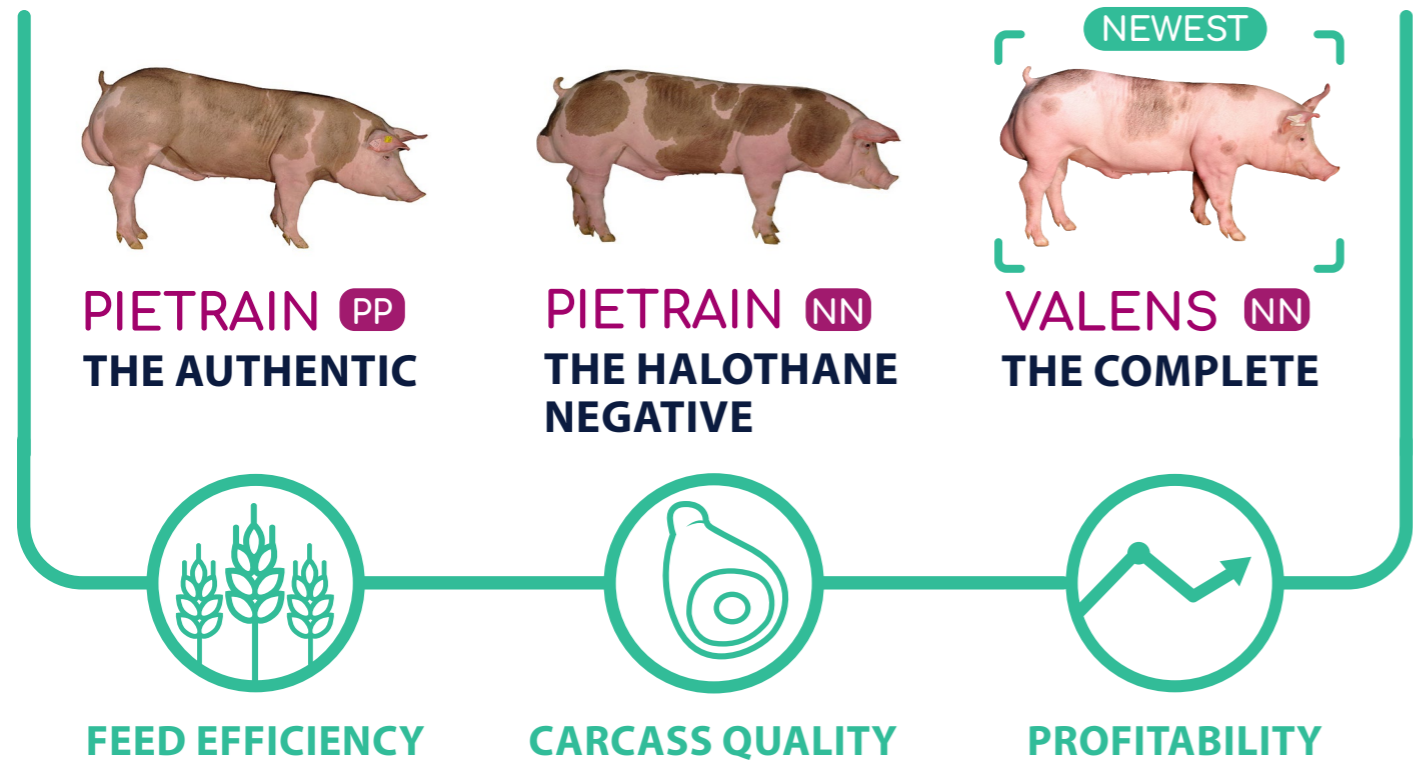


THE FRENCH LEADER
OF SWINE GENETICS

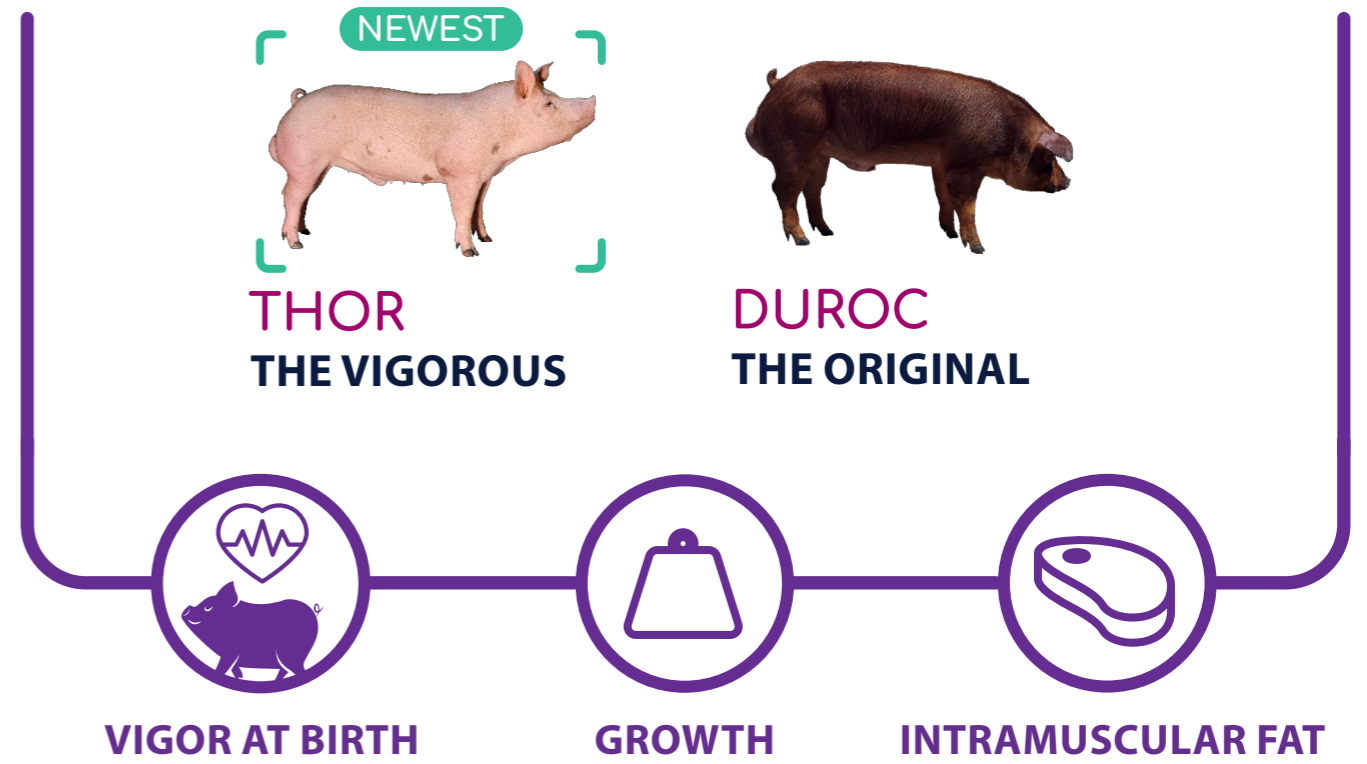
♂ 3 LINES, 5 BOARS A PRODUCT FOR ANY MARKET



AXIOM PIETRAIN:
HEAVY, NUMEROUS, HOMOGENEOUS AND PROFITABLE PIGS



HYBRID & DUROC:
SELECTED ON MEAT QUALITY, FOR VERY SPECIFIC MARKET



THE **LARGEST** BOARS STATION IN EUROPE

160 FEEDERS NEDAP
8,000 BOARS TESTED /YEAR

GUARANTEEING THE CONTROL OF **CONSUMPTION, ADG, FAT AND MUSCLE** ON EVERY AXIOM LINES

ADG_{ADC} (average daily consumption)
AN AXIOM EXCLUSIVE CRITERION

An Axiom indicator, with high heritability of 0.23, identifying animals with:

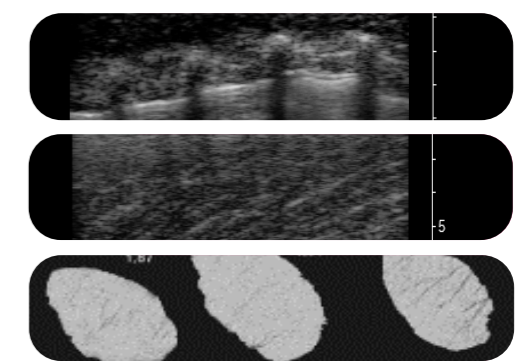
ADG_{ADC} = ADG fattening corrected by ADC

THE BEST GROWTH + THE SMALLEST CONSUMPTION

MEAT QUALITY

SELECTION FOR INTRAMUSCULAR FAT

- MARBLED MEAT IS ESSENTIAL TO THE MEAT QUALITY
- IN VIVO MEASURES IN FARM AT 100 KG WITH ULTRASOUND
- CONTROL METHOD WITH MRI SCANNER



♀ 3 SOWS, 2 GILTS
 ♀ HEAVY, NUMEROUS, HOMOGENEOUS AND PROFITABLE PIGLETS

PURE LINES
 THREE GPs AXIOM WITH UNDENIABLE QUALITIES



16.6 AVERAGE NUMBER OF FUNCTIONAL TEATS

OUR LINES OF WORK,
 WITH AXIOM EXCLUSIVE CRITERIA

BEHAVIOUR



WELL-BORN INDEX

PIGLET QUALITY



NEW SELECTION INDEX
 "PIGLET QUALITY"

ABILITY TO WEAN

ADG_{MATQ}

IMPACT OF EPIGENETICS

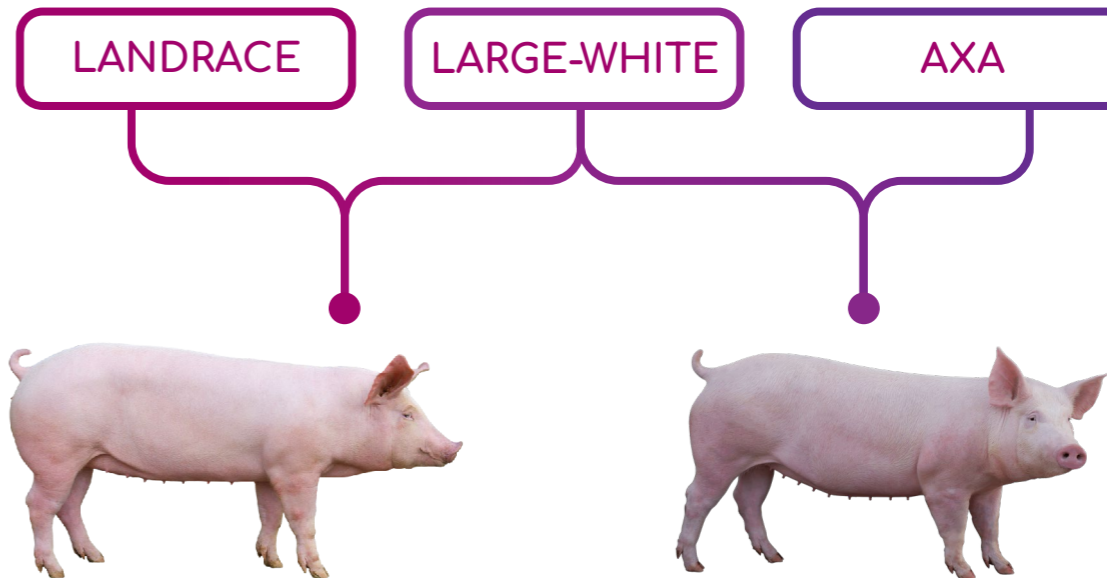
TAKING PART IN GERONIMO, A PIONEER EUROPEAN PROJECT

ADG_{MATQ}: FOR EXCEPTIONAL MILK QUALITY

- A unique & exclusive criterion
- Improves for 10 years
- 1 MILLION+ weighings
- High heritability of 0.26

This criterion is **pivotal** in selecting ever more maternal sows, limiting piglet health risks or mortality.
 Overall, ADG_{MATQ} improve piglet uniformity and weaning weight, easing your work.

F1 GILTS
 EXCELLENCE COMBINED WITH GROUND-BREAKING GENETICS



ADENIA
 THE BALANCED GILT



- 1** High-quality piglets: weight and homogeneity at birth
- Pigs with **high growth potential** and feed conversion ratio
- Carcass quality with **good slaughterhouse classification**

VENUS
 THE WELLNESS GILT



- A **true serenity of work** for the breeder
- Quality piglets and **exceptional weaning ability**
- Guaranteed** technical and economical performance



→ OUR SELECTION STRATEGY

Axiom's R&D approach, from fundamental research to the development of concrete applications, is **based on 4 lines that directly address your professional needs:**



Maternal qualities

Produce large litters of heavy, uniform and cost-effective pigs
* associated with sow behaviors



Feed efficiency

Greater profitability regardless of the food



Meat qualities

Meeting the needs of various markets



Immunity & strength

Express the potential of animals under varied conditions

→ OUR HEALTH CONTROL

SPF breeding sites → Reinforced biosecurity on site → Farms with air filtration

Transport under filtered air ← Drastic epidemio-surveillance plan ←

→ WHEN TECHNOLOGIES MEET OUR GENETICS

In addition to the research lines, AXIOM gets the best from technology by developing exclusive tools:



BLUP evaluation

A reference method to estimate the genetic value of a sire, managed by AXIOM. A program connected to the different pyramids in the world, which enables 50,000 candidates to be evaluated each year.



Application of genomics

Complements and enhances the precision of the BLUP evaluation. Through genomics, the value of animals can be estimated more accurately on non-assessed criteria. Typically, it is routinely applied to several lineages.



OCS, Optimal Contribution Selection

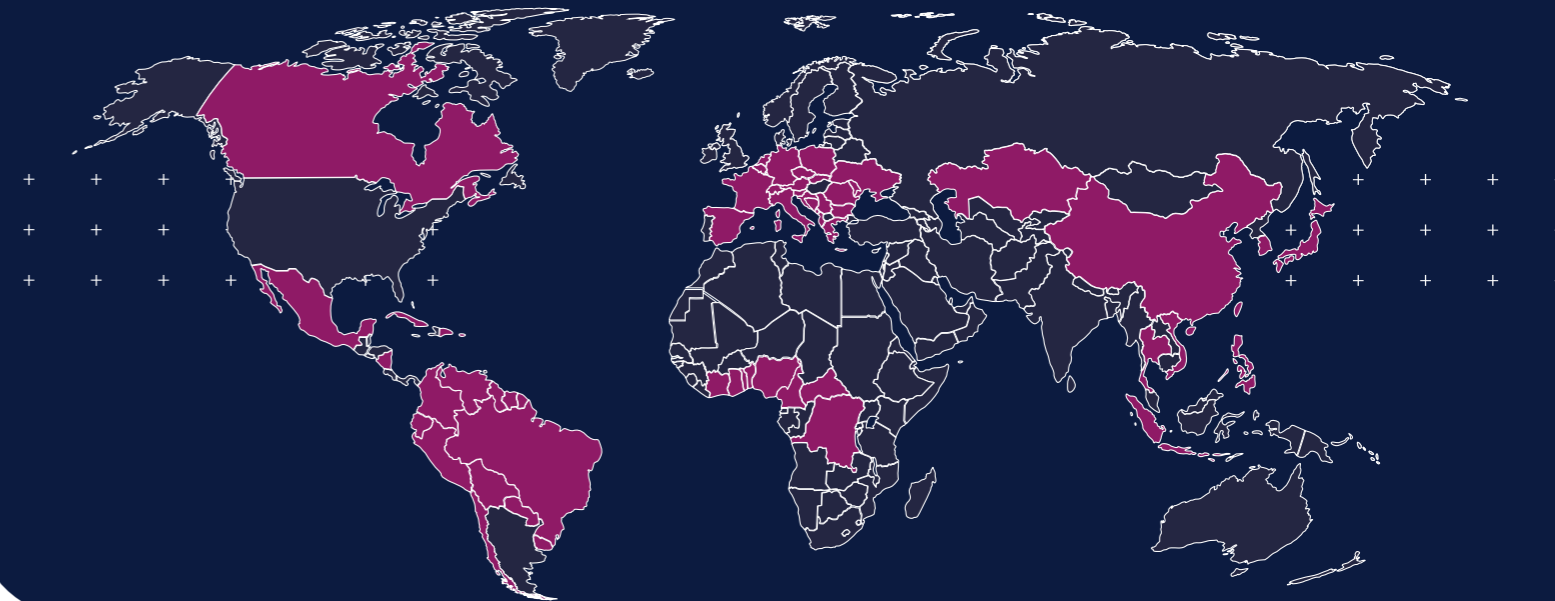
An effective selection tool developed by AXIOM that allows significant genetic progress while anticipating the evolution of the genetic inbreeding of the livestock.

→ WHO IS AXIOM?

With **30 years of progress and genetic evolution**, AXIOM is nowadays the **French leader** in pig genetics. Genetic selection, R&D, innovations and the dissemination of **high-quality genes drive all of our teams** every day.

Our common goal: **providing the best genetic potential for your breeding**, which meets both the expected technical and economic performance and your working comfort.

→ AXIOM, WORLDWIDE



→ PLEASE TAKE OUR CONTACT CARD





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FEEL FREE TO WRITE!

