



COAT Key:

ED - homozygous dominant black
ED/e - dominant black/recessive red
ED/ E+ - dominant black/wildtype
E+/e - wildtype/recessive red
E+/ E+ - homozygous wildtype
e/e - homozygous recessive red

HornPoll Key:

HH HORNED No copies of the Polled molecular marker are present.
HPc POLLED One copy of the Polled-Celtic molecular marker is present.
PcPc POLLED Two copies of the Polled-Celtic molecular marker are present.
HPf POLLED One copy of the Polled-Friesian molecular marker is present.
PcPf POLLED One copy of the Polled-Celtic and one copy of the Polled-Friesian molecular marker are present
PfPf POLLED Two copies of the Polled-Friesian molecular marker are present

Myostatin Panel Key:

TEST	WILDTYPE	MUTATION
F94L	C	A
S105C	C	G
NT419	D	I
D182N	G	A
Q204X	C	T
E226X	G	T
NT821	I	D
E291X	G	T
C313Y	G	A

TENDER Key:

Increase in “tenderness” is associated with favorable alleles seen within the selected marker panel. In this report, the combined genotype results have been scored between 1 to 10, where 10 has the most favorable number of alleles present.

SCD Key:

Results presented above reflect the allelic variation at a specific site in the SCD gene that changes the corresponding amino acid from Valine (V) to Alanine (A) which has a significant relationship to the melting point of fat in Wagyu, and hence enhances palatability. There are three possible genotypes for SCD, these are AA, AV and VV. AA is the preferred type