Neogen Australasia Test Results Key

General Results:

N	Non-Carrier; DNA analysis is consistent with the subject NOT carrying the mutation tested
C	Carrier; DNA analysis is consistent with the subject CARRYING the mutation tested
A	Affected; DNA analysis is consistent with the subject carrying two copies of the mutation tested
NR	No Result

Coat:

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

Horn Poll:

Result	Interpretation	Animal's Appearance
PcPc **PcPf** **PfPf**	Homozygous Poll (PP)	Predominately Polled (occasional scurs)
HPc **HPf**	Heterozygous Poll (PH)	Polled or Scurred
HH	Horned (HH)	Horned
NR	due failed test OR due to unresolved haplotype (combination of HornPoll markers fail to produce a valid result).	

LEPTIN2FB:

TT is the preferred leptin genotype associated with increased fat accumulation relative to CC genotypes.
CT genotypes have one copy of the preferred leptin gene.

SCD:

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

TENDERNESS Key:

Increase in "tenderness" is associated with favourable 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 favourable number of alleles present.

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