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ABBREVIATIONS

AFAF	Homozygous for the African horn gene
AFaf	Heterozygous for the African horn gene
ARC	Agricultural Research Council
bp	base pair
BTA1	Bovine Chromosome One
BTA2	Bovine Chromosome Two
cM	centimorgan. The distance measure on a genetic map.
df	degree freedom
DMSO	Dimethyl Sulfoxide
DNA	Deoxyribonucleic Acid
EDTA	Ethylenediaminetetraacetic acid, disodium salt
H_A	The alternative hypothesis
H_0	The hypothesis statement
HQ	High Quality Water
H_2O	Water
INRA	Institute National de' la Recherche Agronomique'
LOD	Logarithm of the Odds
MAS	Marker Assisted Selection
$MgCl_2$	Magnesium Chloride
ng	nanogram
nm	nanometer
PCR	Polymerase Chain Reaction
pMOL	pico molar
PP	Homozygous polled genotype
Pp	Heterozygous polled genotype
pp	horned genotype
p-value	The significance measure of the Chi-square test
Poll	Name used to specify the polled gene in the linkage analysis
RNA	Ribonucleic Acid
ScSc	Homozygous scurred genotype
Scsc	Heterozygous scurred genotype
SC1	Name of the first set of markers in multiplex
SC2	Name of the second set of markers in multiplex
TDT	Transmission Disequilibrium Test
θ	Recombination Fraction or *Theta.*
Tm	Melting Temperature
µl	microlitre
Z_{max}	Point at which the LOD score is maximized