

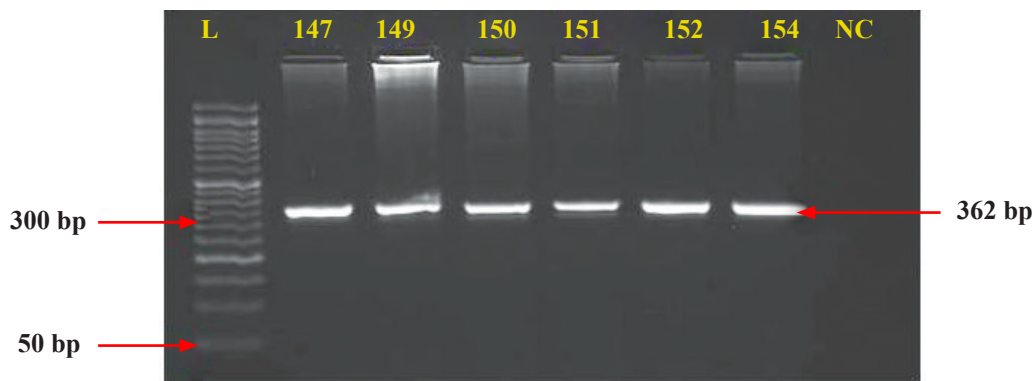


Polymorphisms within Intron-4 and Exon-4 regions of *SPP1* gene and their association with milk traits in Gaolao cattle

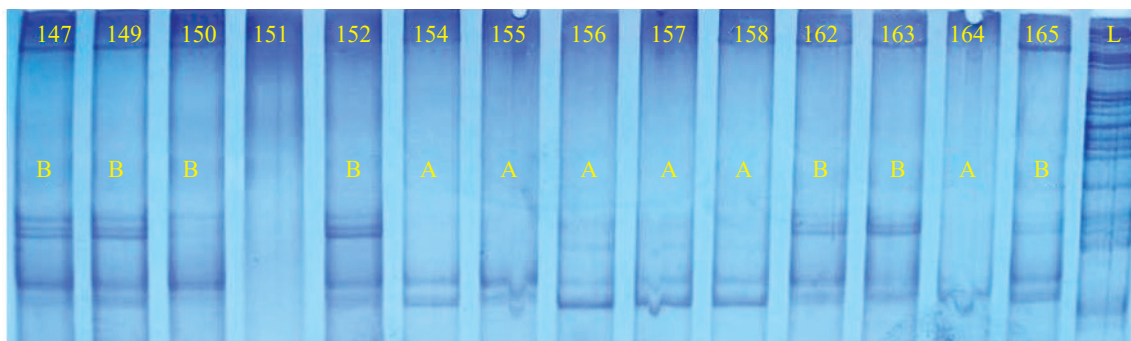
RUJUTA KATE¹, DEEPAK KALE^{1✉}, JAYA SINGH¹, DINESH PATIL¹ and KRUSHNA BAHIRAM¹

Nagpur Veterinary College, Maharashtra Animal and Fishery Sciences University, Nagpur, Maharashtra 440 006 India

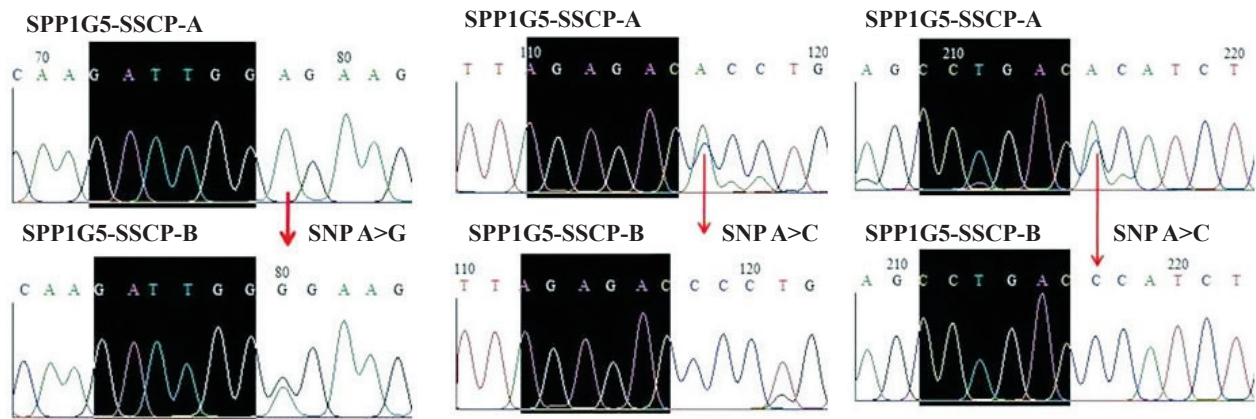
Received: 12 February 2022; Accepted: 21 November 2022



Supplementary Fig. 1. PCR Amplification of 362 bp *SPP1G5* Exon 4 gene fragment (*SPP1G5* Primer) resolution in 2% agarose gel electrophoresis in Gaolao Cattle; Where, GB147-154=Gaolao Cattle numbers, NC - Negative Control, L = 50 bp DNA Ladder (Himedia).



Supplementary Fig. 2. Polymorphic *SPP1G5*-SSCP patterns in Exon-4 region of 362 bp gene fragment of *SPP1* gene (*SPP1G5* primer) in Gaolao Cattle and visualised using 8% non-denaturing PAGE stained by silver staining; Where, A-SSCP Pattern-1, B-SSCP Pattern-2 and L- Ladder, GB147-GB165- Gaolao Cattle sample numbers.



Supplementary Fig. 3. SNPs A-G at 71st, A-C at 109th and A-C at 208th position in 322 bp sequence of *SPP1G5* amplicon in polymorphic *SPP1G5*-SSCP Patterns-A and B in Gaolao Cattle population.