



**Supplementary Figure 5:** Correlation between  $F_{IS}$  and  $F_{ST}$  and between  $F_{IS}$  and the number of blanks. (A) Correlation between  $F_{IS}$  and  $F_{ST}$  for selected 9 loci across all samples. (B) Correlation between  $F_{IS}$  and number of blanks for selected nine loci across all samples. C: Correlation between  $F_{IS}$  and number of blanks for four selected loci (Gb5 [Nb: 0], Gb66 [Nb: 1], Gb73 [Nb: 3] and Gb35 [Nb:6]) across all samples.