

Table S1. Structure of validation population in Imputation.

	Duroc	Landrace	Yorkshire
Sire only	75	142	210
Dam only	2	0	0
Sire and Dam	313	355	535
No parent	0	0	0
Total	390	497	745

Table S2. Heritability of each trait for each breed.

Trait	Breed		
	DD	LL	YY
AGE	0.1502	0.2323	0.2543
BF	0.3530	0.4131	0.4139

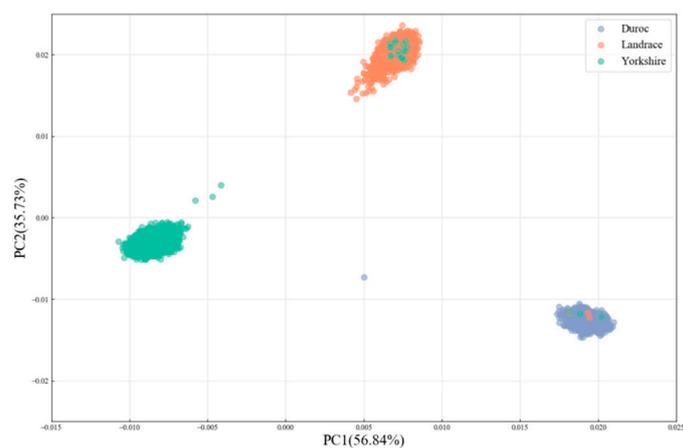


Figure S1. Principal coordinate analysis (PCA) of raw genotypes of pigs from three breeds. One point corresponds to a single animal. Duroc (DD), Landrace (LL) and Yorkshire (YY) are shown in blue, orange, and green respectively. PC1=56.84%, PC2=35.73%.