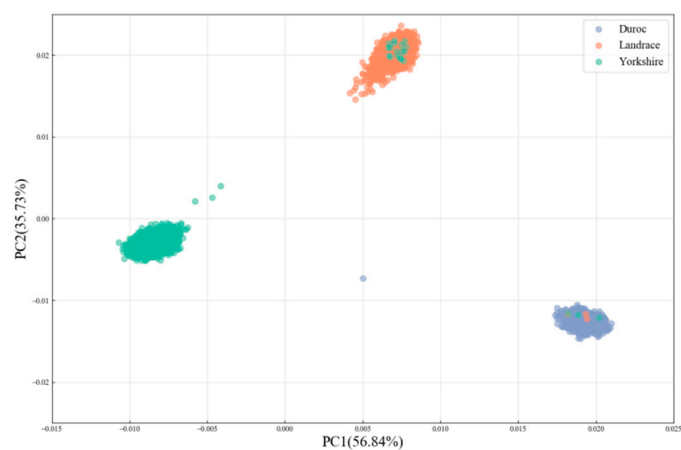


**Table S1.** Structure of validation population in Imputation.

	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%.