

Supplemental Table S17. Summary of predicted protein-coding genes in the ten pig genomes compared with reference pig genome, human, cow and mouse genomes.

Species / Breed	Gene model number	Average gene model length (bp)	Average CDS length (bp)	Average intron length (bp)	Average intron number per gene	Average exon length (bp)	Average exon number per gene
Human	20,548	50,969	1,592	5,924	8.34	171	9.34
Cow	19,970	35,523	1,599	3,951	8.59	167	9.59
Mouse	22,852	36,340	1,528	4,597	7.57	178	8.57
Reference genome	21,566	27,438	1,370	3,506	7.44	162	8.44
Pig							
Hampshire	20,850	24,805	1,451	3,333	7.01	181	8.01
Berkshire	20,842	25,226	1,448	3,386	7.03	180	8.03
Landrace	20,792	25,266	1,452	3,380	7.05	180	8.05
Piétrain	20,842	25,392	1,449	3,409	7.03	180	8.03
Large White	20,724	25,721	1,462	3,412	7.11	180	8.11
Bamei	20,943	25,340	1,444	3,409	7.01	180	8.01
Jinhua	20,830	25,095	1,459	3,350	7.06	181	8.06
Meishan	20,898	25,051	1,445	3,366	7.02	180	8.02
Rongchang	20,646	25,750	1,461	3,422	7.10	180	8.10
Tibetan wild boar	20,453	25,496	1,441	3,408	7.06	179	8.06

Genes with alternative splicing-induced premature termination and defective codon events were not considered.