



b

Breed	Meishan	Erhualian
Place of origin	Jiangshu province, China	
Litter size (the 1 st parity)	11.91 ± 0.36 (n = 100)	12.59 ± 0.95 (n = 260)
Litter size (the 2 nd parity)	14.74 ± 0.32 (n = 100)	14.51 ± 0.78 (n = 260)
Litter size (the 3 rd to 7 th parities)	16.21 ± 0.41 (n = 100)	16.13 ± 0.69 (n = 260)

Meishan and Erhualian pigs are two subpopulations of the Chinese Taihu breed, s one of the most prolific pig breeds known.

Supplemental Fig. S45. Genes harboring selected coding SNPs in Erhualian pig are enriched in fertility-related categories. (a) GO (Gene Ontology) categories enriched for genes harboring selected loci across seven domestic populations. For the Erhualian pig, 71 genes harboring 110 selected coding SNPs belonged predominantly to fertility-related categories (marked in red), which is consistent with the markedly larger litters (~3 to 5 more piglets per litter) of Erhualian breed (one of the most prolific pig breeds known) compared to other breeds worldwide¹. (b) Example photo and of the prolific Erhualian sow.