

Appendix A Information of experimental pig samples

Breed	Number of samples	Tissue	Source
Duroc	24	blood	Xuzhou Liuma Breeding Technology Co., Ltd
Landrace	24	ear	Xuzhou Liuma Breeding Technology Co., Ltd
Yorkshire	459	ear	Xuzhou Liuma Breeding Technology Co., Ltd
Diannan small-ear	6	ear	Small-ear pig breeding farm in Xishuangbanna Prefecture, Yunnan
Bama	6	ear	Bama Original Fragrant Pig Agriculture and Animal Husbandry Industry Co., Ltd, Guangxi
Tibetan	6	ear	Diqing, Yunnan
Meishan	24	ear	Sutai Pig Breeding Farm in Suzhou, Jiangsu
Wuzhishan	6	ear	Wuzhishan Pig Breeding Farm, Hainan
Erhualian	24	ear	Sutai Pig Breeding Farm in Suzhou, Jiangsu
Wild boar	6	ear	Purchased from the market (Northeast, Fujian, Anhui)
Fengjing	24	ear	Sutai Pig Breeding Farm in Suzhou, Jiangsu
Mi	24	ear	Yongkang Agriculture and Animal Husbandry Technology Co., Ltd, Jiangsu
Laiwu	24	ear	Laiwu Black Pig Original Breeding Farm, Shandong
Sujiang	24	ear	Sujiang Breeding Pig Co., Ltd, Jiangsu
Sicilian	24	ear	Nebrodi and Madonie Mountains, Sicily