

The transfer figure of various kinds of pigs among different pig houses

The transfer situation of various kinds of pigs among different pig houses is shown in Figure S1. After birth, piglets are kept in the delivery room from 1 to 5 weeks. After the fifth week, the piglets are either sold or transferred to a nursery house and become nursery pigs. The nursery pigs continue to be raised in the nursery house for 7 weeks (6 – 12 weeks old), then they are transferred to the fattening house and become fattening pigs. At 24 weeks old, fattening pigs are either selected as replacement gilts to be transferred to reserve house from fattening house, or selected as reserve boars to be transferred to breeding boar station from fattening house, or sold directly at 25 weeks old. At 37 weeks old, good quality replacement gilts begin to be bred and are transferred to the pregnancy room after pregnancy. After about 16 weeks of pregnancy, the pregnant sows are transferred to the delivery room to produce and lactate piglets. After 5 weeks of lactation, the sows are transferred to the pregnancy room. After about one week of rest, the sows are bred again. The sows that do not meet the requirements or produce more than 8 litters are eliminated. At 37 weeks old, excellent reserve boars are selected as breeding boars. Breeding boars that do not meet the requirements and are older than 4 years are eliminated.

