

Supplemental table 1. Information of donor sows

Sows ID	Breed	Parity	Age/day	Thickness of backfat, cm	Litter size, n	Litter size alive, n	Litter weight of born, kg
617-1	Landrace × Large White	2	468	18	18	18	21.32
798-7	Landrace × Large White	2	455	19	12	12	16.08
860-1	Landrace × Large White	2	451	16	15	15	19.8
875-3	Landrace × Large White	2	450	19	19	19	23.27
948-6	Landrace × Large White	2	444	16	18	18	22.28
980-3	Landrace × Large White	2	440	17	16	16	21.6

Supplemental table 2. Parity and litter size of experimental sows

Item	AB	CON	FMT	FMT+C	FMT+S	FMT+C+S	SEM	<i>P</i> -value
Sows, n	21	18	21	22	19	20		
Parity	3.76	3.94	3.71	3.59	3.84	3.8	0.12	0.9764
Litter Size, n	11.24	10.94	11.71	11.41	10.89	11	0.12	0.3463