

1 **SUPPLEMENTARY MATERIAL**

2 **Supplementary Table S1** Basic statistics for productive traits of Yorkshire pig.

3 **Supplementary Figure S1** LD block analysis between significant markers found SSC 1 region using Haploview for
 4 (A) AGE and (B) EMA. The red horizontal line indicates the Bonferroni significance threshold 1.68×10^{-6}

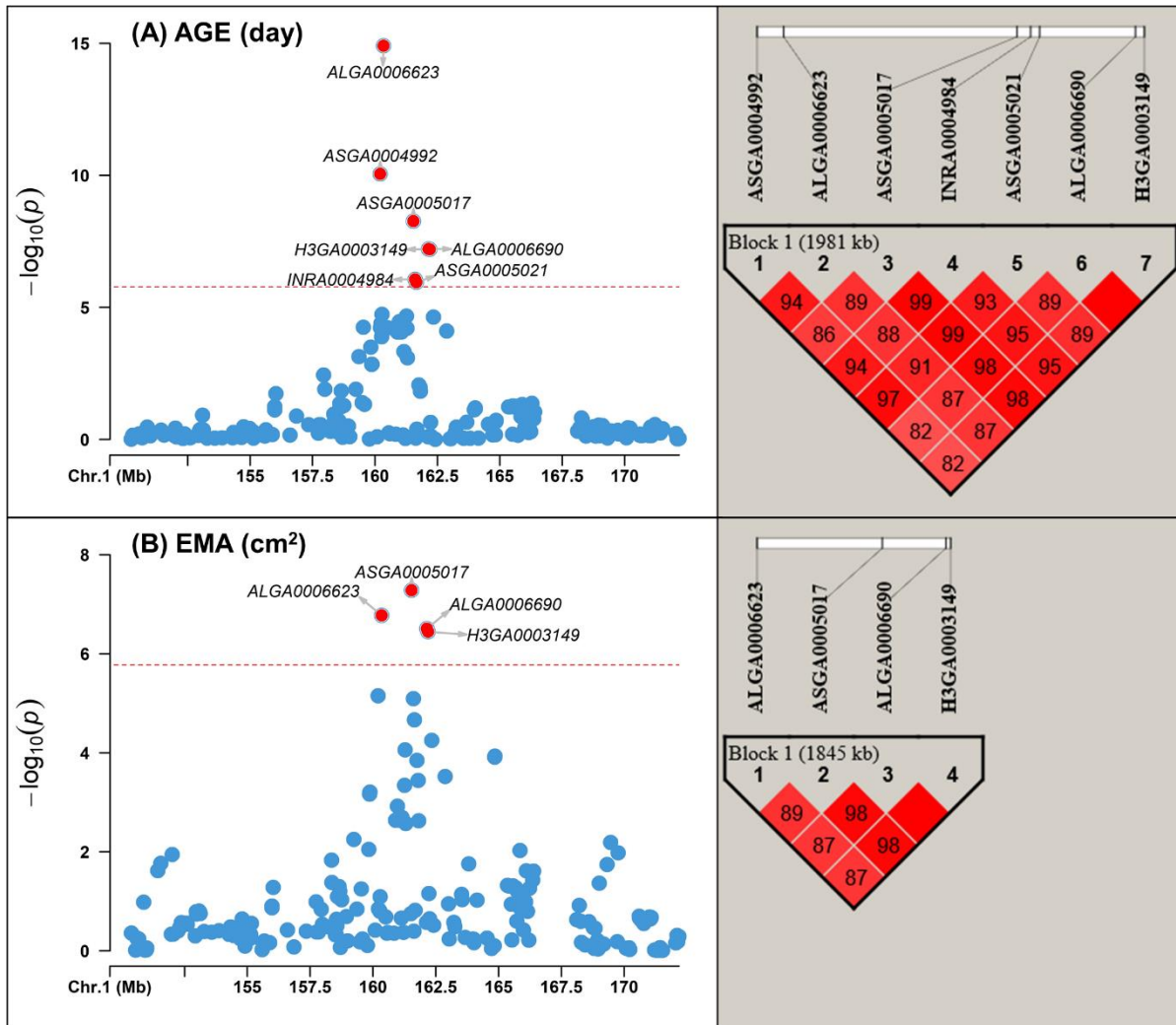
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Table S1. Basic statistics for productive traits of Yorkshire pig.

Traits	No. of records	Mean	SD ¹	Minimum	Maximum	CV (%) ³
AGE (days)	104,380	156.98	12.38	121.33	222.36	7.89
ADG (g)	104,380	672.98	52.38	472.21	865.41	7.78
BF (mm)	104,380	14.12	2.96	6.14	33.48	20.96
EMA (cm ²)	104,380	29.73	3.12	11.31	64.64	10.49

¹Standard deviation; ²coefficient of variation.

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11 **Figure S1.** LD block analysis between significant markers found SSC 1 region using Haploview for (A)
 12 AGE and (B) EMA. The red horizontal line indicates the Bonferroni significance threshold 1.68×10^{-6}

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