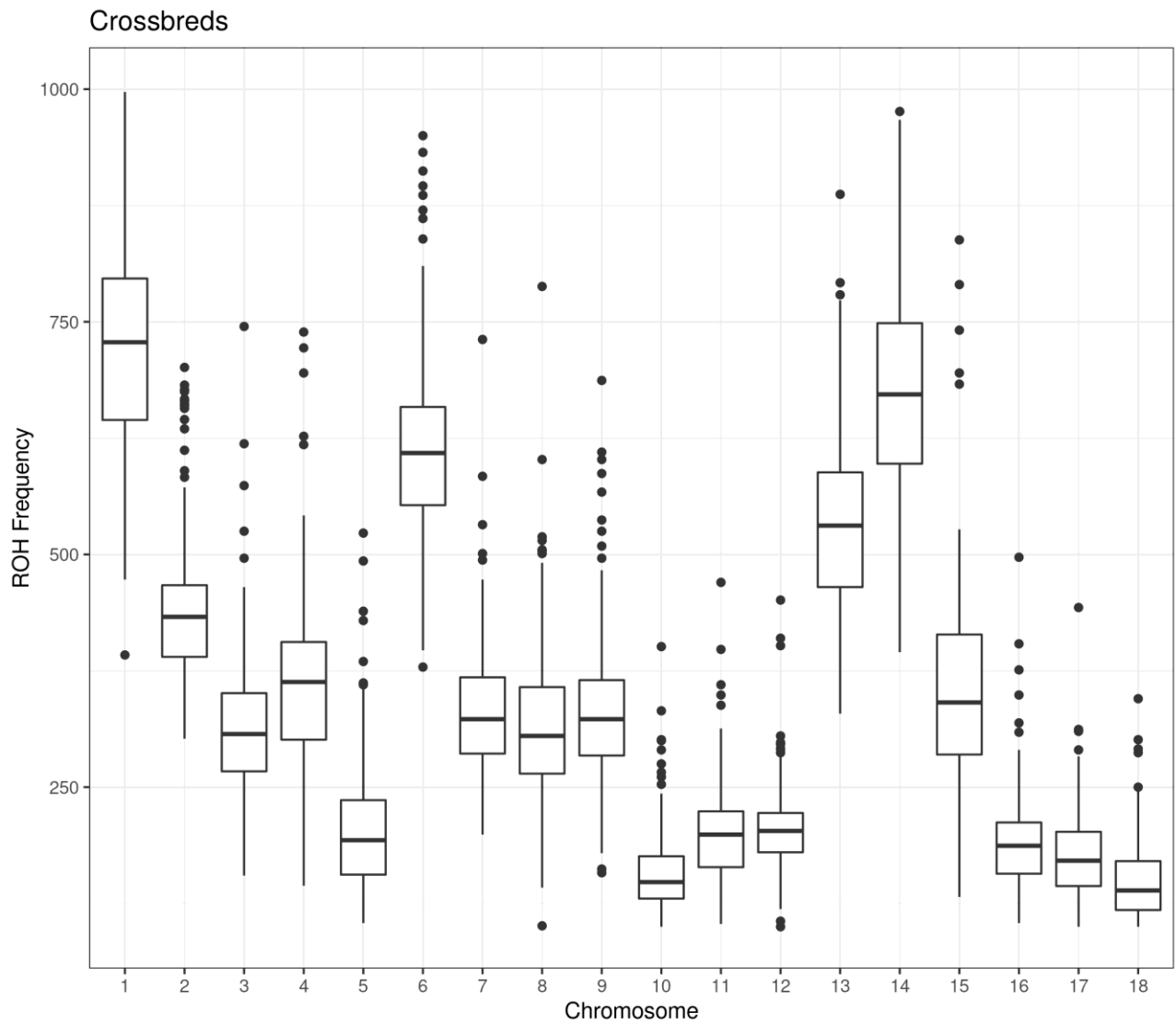


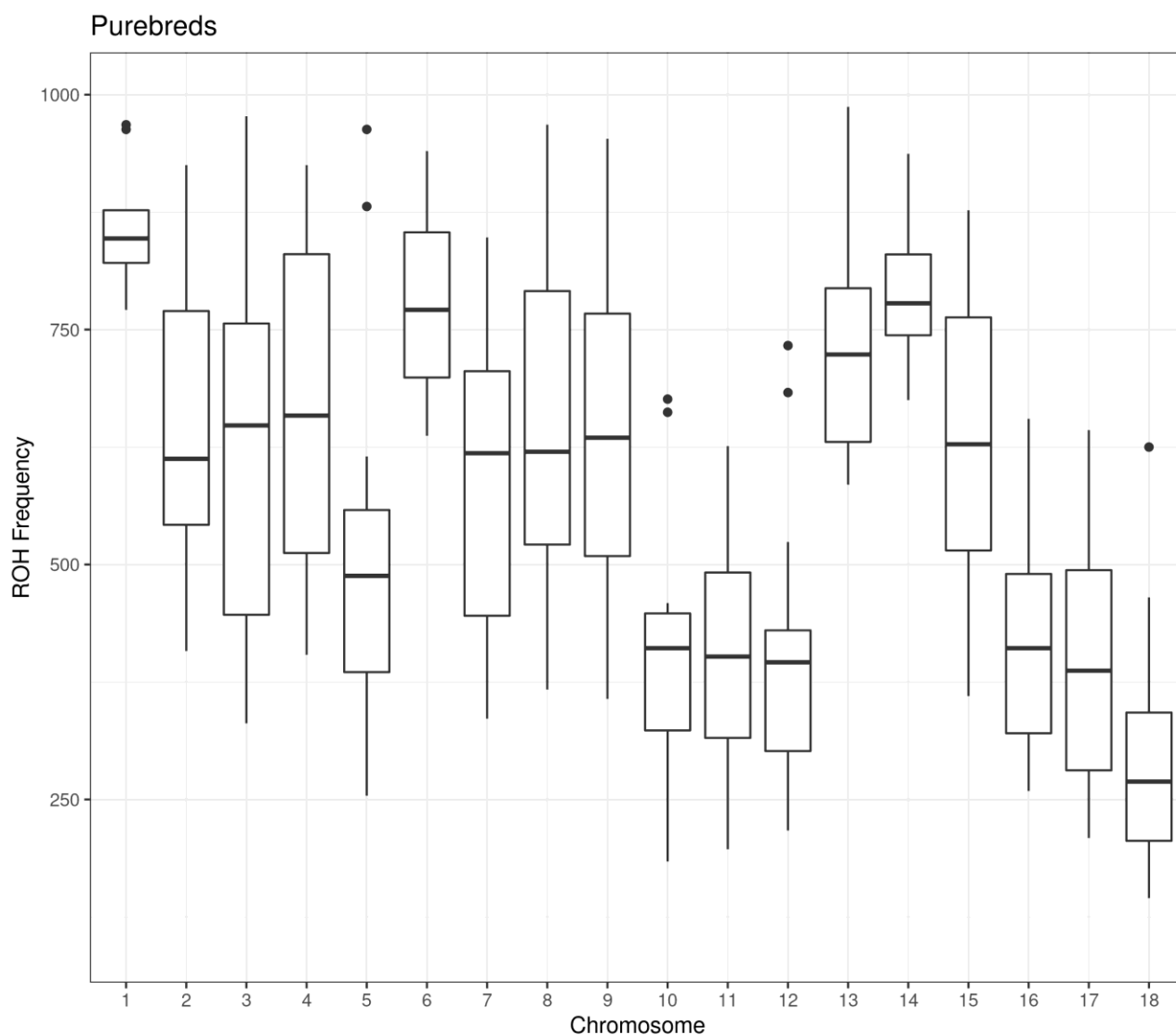
**Persistence of autozygosity in crossbreds between autochthonous and cosmopolitan breeds of swine: a simulation study**

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**Supplementary Figure S1:** Runs of Homozygosity (ROH) frequency distribution in pig crossbreds for each chromosome.



**Supplementary Figure S2:** Runs of Homozygosity (ROH) frequency distribution in pig purebreds for each chromosome.

**Supplementary Table S1:** Runs of homozygosity (ROH) frequency for each pig crossbred.

Crosses	N. ROH
ALE_ALE	14935
ALE_APU	6084
ALE_BIS	6105
ALE_BAS	6993
ALE_BLA	6272
ALE_CAS	5759
ALE_CIS	7262
ALE_DUR	4766
ALE_GAS	6202
ALE_IBE	13732
ALE_KRS	5407
ALE_LAN	4816

ALE_LAR	4558
ALE_LIN	5786
ALE_LIW	4783
ALE_MAJ	8175
ALE_MOR	6039
ALE_MKA	6126
ALE_NER	6733
ALE_SAR	5975
ALE_SCH	5048
ALE_SWM	7845
ALE_TUR	7341
APU_APU	9859
APU_BIS	6248
APU_BAS	5517
APU_BLA	6092
APU_CAS	5942
APU_CIS	6589
APU_DUR	6423
APU_GAS	5885
APU_IBE	5998
APU_KRS	6151
APU_LAN	6572
APU_LAR	6677
APU_LIN	6516
APU_LIW	6889
APU_MAJ	6067
APU_MOR	6269
APU_MKA	6014
APU_NER	6455
APU_SAR	6306
APU_SCH	5864
APU_SWM	5525
APU_TUR	5697
BIS_BIS	9370
BIS_CAS	6185
BIS_CIS	6207
BIS_DUR	5337
BIS_GAS	6639
BIS_IBE	6021
BIS_KRS	6606
BIS_LAN	7489
BIS_LAR	7383
BIS_LIN	7305
BIS_LIW	7329
BIS_MAJ	5967
BIS_MOR	5953
BIS_MKA	6657
BIS_NER	6335
BIS_SAR	6352

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BIS_SCH	6473
BIS_SWM	5675
BIS_TUR	5736
BAS_BIS	6253
BAS_BAS	17020
BAS_BLA	6306
BAS_CAS	5509
BAS_CIS	6276
BAS_DUR	4717
BAS_GAS	9546
BAS_IBE	6954
BAS_KRS	5906
BAS_LAN	5666
BAS_LAR	5839
BAS_LIN	6335
BAS_LIW	5920
BAS_MAJ	6739
BAS_MOR	5665
BAS_MKA	6138
BAS_NER	6062
BAS_SAR	6022
BAS_SCH	5645
BAS_SWM	6629
BAS_TUR	6016
BLA_BIS	6051
BLA_BLA	8240
BLA_CAS	6010
BLA_CIS	6823
BLA_DUR	5813
BLA_GAS	6293
BLA_IBE	6180
BLA_KRS	6439
BLA_LAN	6296
BLA_LAR	5955
BLA_LIN	6670
BLA_LIW	6094
BLA_MAJ	6227
BLA_MOR	6247
BLA_MKA	6654
BLA_NER	6040
BLA_SAR	6337
BLA_SCH	5768
BLA_SWM	6954
BLA_TUR	6507
CAS_CAS	8238
CAS_CIS	6093
CAS_DUR	5548
CAS_GAS	5693
CAS_IBE	5713

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CAS_KRS	5691
CAS_LAN	6177
CAS_LAR	6347
CAS_LIN	6419
CAS_LIW	6250
CAS_MAJ	6075
CAS_MOR	6061
CAS_MKA	5842
CAS_NER	6049
CAS_SAR	6151
CAS_SCH	5796
CAS_SWM	5843
CAS_TUR	5644
CIS_CIS	11255
CIS_DUR	6057
CIS_GAS	6503
CIS_IBE	7190
CIS_KRS	5863
CIS_LAN	5815
CIS_LAR	6105
CIS_LIN	6481
CIS_LIW	6025
CIS_MAJ	7190
CIS_MOR	7033
CIS_MKA	6363
CIS_NER	6385
CIS_SAR	6319
CIS_SCH	5513
CIS_SWM	6625
CIS_TUR	6733
DUR_DUR	17532
DUR_GAS	5318
DUR_IBE	5363
DUR_KRS	6894
DUR_LAN	4857
DUR_LAR	5376
DUR_LIN	5820
DUR_LIW	4898
DUR_MAJ	4862
DUR_MOR	10039
DUR_MKA	5644
DUR_NER	4881
DUR_SAR	6061
DUR_SCH	4540
DUR_SWM	4704
DUR_TUR	4914
GAS_GAS	13156
GAS_IBE	6257
GAS_KRS	6148

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GAS_LAN	6460
GAS_LAR	6997
GAS_LIN	6934
GAS_LIW	6827
GAS_MAJ	6032
GAS_MOR	5770
GAS_MKA	6661
GAS_NER	6316
GAS_SAR	6350
GAS_SCH	5922
GAS_SWM	5880
GAS_TUR	6086
IBE_IBE	14538
IBE_KRS	5385
IBE_LAN	4588
IBE_LAR	4639
IBE_LIN	5639
IBE_LIW	4815
IBE_MAJ	7978
IBE_MOR	6200
IBE_MKA	5985
IBE_NER	6774
IBE_SAR	5937
IBE_SCH	5127
IBE_SWM	7825
IBE_TUR	7347
KRS_KRS	8612
KRS_LAN	7265
KRS_LAR	6795
KRS_LIN	6695
KRS_LIW	6823
KRS_MAJ	5566
KRS_MOR	6387
KRS_MKA	6687
KRS_NER	5839
KRS_SAR	6465
KRS_SCH	6642
KRS_SWM	5481
KRS_TUR	5843
LAN_LAN	12107
LAN_LAR	7138
LAN_LIN	6870
LAN_LIW	6881
LAN_MAJ	5300
LAN_MOR	5932
LAN_MKA	7294
LAN_NER	5857
LAN_SAR	6588
LAN_SCH	7409

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LAN_SWM	4997
LAN_TUR	5155
LAR_LAR	12351
LAR_LIN	8862
LAR_LIW	10482
LAR_MAJ	4912
LAR_MOR	6086
LAR_MKA	6834
LAR_NER	6243
LAR_SAR	7296
LAR_SCH	6472
LAR_SWM	4657
LAR_TUR	5009
LIN_LIN	10132
LIN_LIW	9218
LIN_MAJ	5886
LIN_MOR	6258
LIN_MKA	6677
LIN_NER	6403
LIN_SAR	7020
LIN_SCH	6523
LIN_SWM	5351
LIN_TUR	5968
LIW_LIW	11674
LIW_MAJ	5069
LIW_MOR	5920
LIW_MKA	6732
LIW_NER	6183
LIW_SAR	7165
LIW_SCH	6981
LIW_SWM	4832
LIW_TUR	5168
MAJ_MAJ	13475
MAJ_MOR	5988
MAJ_MKA	6112
MAJ_NER	6475
MAJ_SAR	6086
MAJ_SCH	5344
MAJ_SWM	7084
MAJ_TUR	7115
MOR_MOR	11437
MOR_MKA	5909
MOR_NER	6038
MOR_SAR	6225
MOR_SCH	5289
MOR_SWM	5761
MOR_TUR	5569
MKA_MKA	8082
MKA_NER	6211

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MKA_SAR	6316
MKA_SCH	6512
MKA_SWM	6750
MKA_TUR	6224
NER_NER	7916
NER_SAR	6264
NER_SCH	5914
NER_SWM	6166
NER_TUR	6291
SAR_SAR	6924
SAR_SCH	5910
SAR_SWM	5804
SAR_TUR	5856
SCH_SCH	9485
SCH_SWM	4705
SCH_TUR	5619
SWM_SWM	12766
SWM_TUR	7616
TUR_TUR	12795

Abbreviations: ALE = Alentejana; APU = Apulo Calabrese; BAS = Basque; BLA = Black Slavonian; BIS = Bisara; CAS = Casertana; CIN = Cinta Senese; DUR = Duroc; GAS = Gascon; IBE = Iberian; KRS = Krskopolje; LAN = Landrace; LAR = Large White; LIN = Lithuanian Native; LIW = Lithuanian White Old Type; MAJ = MajorcanBlack; MOR = Mora Romagnola; MKA = Moravka; NER = Nero Siciliano; SAR = Sarda; SCH Schwäbisch-Hällisches Schwein; SWM = Swallow-Bellied Mangalitsa; TUR = Turopolje.

**Supplementary TableS2:** Average of genomic inbreeding coefficient ( $F_{ROH}$ ) for each pig crossbred.

breed1	breed2	Average $F_{ROH}$	SD $F_{ROH}$
MOR	MOR	0.502	0.061
TUR	TUR	0.467	0.170
BAS	BAS	0.425	0.041
DUR	DUR	0.334	0.040
GAS	GAS	0.293	0.038
APU	APU	0.289	0.105
SWM	SWM	0.272	0.066
LIW	LIW	0.255	0.071
LIN	LIN	0.251	0.061
CIN	CIN	0.248	0.096
CAS	CAS	0.224	0.159
LAR	LAR	0.219	0.052
ALE	ALE	0.206	0.057

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LAN	LAN	0.204	0.041
SCH	SCH	0.201	0.078
MAJ	MAJ	0.197	0.037
KRS	KRS	0.188	0.056
IBE	IBE	0.188	0.042
BIS	BIS	0.163	0.056
BLA	BLA	0.159	0.083
ALE	IBE	0.156	0.020
MKA	MKA	0.155	0.069
DUR	MOR	0.145	0.025
LAR	LIW	0.142	0.028
BAS	GAS	0.129	0.018
LIN	LIW	0.123	0.020
LAR	LIN	0.112	0.018
NER	NER	0.098	0.038
SAR	SAR	0.094	0.056
LAN	SCH	0.094	0.020
BIS	LAN	0.093	0.015
LAN	MKA	0.091	0.017
LAR	SAR	0.090	0.020
KRS	LAN	0.090	0.015
LAN	LAR	0.090	0.016
BIS	LAR	0.090	0.013
BIS	LIW	0.088	0.015
DUR	KRS	0.088	0.017
BLA	CIN	0.087	0.068
GAS	LAR	0.087	0.014
KRS	SCH	0.087	0.030
LAN	LIW	0.086	0.016
LIW	SAR	0.086	0.016
APU	LAN	0.085	0.015
APU	LIW	0.085	0.012
LAN	LIN	0.083	0.013
LIN	SAR	0.083	0.014
GAS	LIW	0.083	0.014
BIS	LIN	0.082	0.012
GAS	LIN	0.082	0.011
LIW	SCH	0.081	0.014
APU	DUR	0.081	0.014
KRS	LIW	0.081	0.011
APU	LAR	0.081	0.013
BLA	TUR	0.080	0.094
CIN	MOR	0.080	0.013
LAN	SAR	0.079	0.016
KRS	LAR	0.079	0.013
GAS	LAN	0.079	0.012
LAR	MKA	0.079	0.014
CIN	DUR	0.077	0.029
LIW	MKA	0.077	0.013

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KRS	LIN	0.077	0.013
ALE	MAJ	0.077	0.009
BIS	KRS	0.077	0.011
APU	LIN	0.077	0.011
KRS	SAR	0.076	0.016
SWM	TUR	0.076	0.009
KRS	MKA	0.076	0.012
MKA	SWM	0.076	0.020
BIS	MKA	0.075	0.013
IBE	MAJ	0.075	0.009
CAS	LAR	0.075	0.012
CAS	LAN	0.075	0.013
LIN	MKA	0.075	0.012
LIN	SCH	0.075	0.018
BIS	GAS	0.075	0.012
GAS	MKA	0.074	0.011
MKA	SCH	0.074	0.015
DUR	SAR	0.074	0.017
BLA	MKA	0.074	0.011
KRS	MOR	0.074	0.013
BLA	LIN	0.074	0.012
LAR	MOR	0.074	0.017
ALE	SWM	0.073	0.008
IBE	SWM	0.073	0.007
LAR	SCH	0.073	0.018
APU	CIN	0.073	0.012
APU	MOR	0.073	0.011
GAS	SAR	0.073	0.012
CAS	LIW	0.073	0.011
APU	BIS	0.073	0.013
CAS	LIN	0.072	0.011
APU	CAS	0.072	0.017
CIN	LAR	0.072	0.014
LAR	NER	0.072	0.017
LIN	MOR	0.072	0.012
BLA	LAN	0.072	0.015
APU	KRS	0.072	0.012
BLA	DUR	0.071	0.018
BIS	SCH	0.071	0.012
BLA	KRS	0.071	0.012
BLA	SWM	0.071	0.011
APU	SAR	0.071	0.013
MOR	SAR	0.071	0.013
MKA	SAR	0.070	0.014
BIS	CAS	0.070	0.013
CIN	LIN	0.070	0.009
LIN	NER	0.070	0.013
LIW	NER	0.070	0.015
LIW	MOR	0.070	0.011

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CIN	GAS	0.070	0.009
CIN	MKA	0.070	0.010
BLA	SAR	0.070	0.012
BIS	SAR	0.070	0.012
LAN	MOR	0.069	0.011
BLA	GAS	0.069	0.012
CAS	SAR	0.069	0.012
APU	NER	0.069	0.011
ALE	CIN	0.069	0.010
GAS	NER	0.069	0.011
BLA	MOR	0.069	0.012
DUR	LIN	0.069	0.012
CIN	IBE	0.069	0.009
APU	MKA	0.069	0.012
BLA	LAR	0.069	0.015
DUR	MKA	0.069	0.018
GAS	KRS	0.069	0.010
CIN	SAR	0.068	0.011
BAS	MAJ	0.068	0.008
ALE	TUR	0.068	0.007
SAR	SCH	0.068	0.017
IBE	TUR	0.068	0.008
NER	SAR	0.068	0.012
CIN	MAJ	0.068	0.009
GAS	SCH	0.068	0.017
BIS	NER	0.067	0.011
BIS	CIN	0.067	0.010
MAJ	TUR	0.067	0.008
BAS	LIN	0.067	0.009
CIN	LIW	0.067	0.012
MAJ	SWM	0.067	0.008
APU	GAS	0.067	0.010
CAS	DUR	0.067	0.013
BAS	IBE	0.067	0.007
MOR	MKA	0.067	0.009
APU	SCH	0.067	0.017
ALE	BAS	0.067	0.008
CAS	CIN	0.066	0.010
MKA	NER	0.066	0.011
APU	BLA	0.066	0.011
BIS	MOR	0.066	0.012
LAN	NER	0.066	0.014
BLA	LIW	0.066	0.013
BAS	MKA	0.066	0.009
CIN	KRS	0.066	0.009
CAS	MOR	0.066	0.012
BAS	BIS	0.066	0.009
CAS	KRS	0.066	0.010
CAS	MKA	0.065	0.011

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CIN	TUR	0.065	0.012
BLA	BIS	0.065	0.010
CIN	LAN	0.065	0.011
BAS	CIN	0.065	0.008
BLA	CAS	0.065	0.011
BLA	SCH	0.064	0.017
NER	SCH	0.064	0.014
MOR	NER	0.064	0.010
BAS	LIW	0.064	0.010
DUR	LAR	0.064	0.038
BIS	DUR	0.064	0.012
BAS	LAR	0.064	0.008
CIN	SWM	0.064	0.009
MKA	TUR	0.064	0.010
CIN	NER	0.064	0.010
ALE	NER	0.064	0.010
BLA	NER	0.064	0.011
BAS	BLA	0.063	0.009
CAS	NER	0.063	0.011
BAS	KRS	0.063	0.009
BAS	SAR	0.063	0.010
IBE	NER	0.063	0.009
KRS	NER	0.063	0.013
CAS	SCH	0.063	0.015
GAS	MOR	0.063	0.009
CAS	GAS	0.062	0.010
BAS	SWM	0.062	0.007
BAS	LAN	0.062	0.010
MAJ	NER	0.062	0.010
BLA	MAJ	0.062	0.009
BAS	NER	0.062	0.010
GAS	TUR	0.062	0.009
MAJ	MKA	0.062	0.010
GAS	IBE	0.061	0.008
ALE	GAS	0.061	0.008
ALE	BLA	0.061	0.010
MAJ	MOR	0.061	0.009
GAS	MAJ	0.061	0.009
LIN	TUR	0.060	0.010
NER	TUR	0.060	0.009
IBE	MOR	0.060	0.008
MAJ	SAR	0.060	0.010
LIN	MAJ	0.060	0.010
CAS	MAJ	0.060	0.009
GAS	SWM	0.060	0.008
BAS	SCH	0.060	0.012
BIS	MAJ	0.060	0.010
DUR	IBE	0.059	0.015
DUR	GAS	0.059	0.009

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BLA	IBE	0.059	0.009
APU	BAS	0.059	0.008
ALE	MKA	0.058	0.009
SAR	TUR	0.058	0.008
BAS	MOR	0.058	0.008
ALE	BIS	0.058	0.008
APU	MAJ	0.058	0.009
CIN	SCH	0.058	0.010
ALE	MOR	0.058	0.007
KRS	TUR	0.057	0.009
NER	SWM	0.057	0.009
IBE	MKA	0.057	0.008
BIS	IBE	0.057	0.008
ALE	APU	0.057	0.009
APU	IBE	0.057	0.008
MOR	SCH	0.057	0.012
ALE	LIN	0.057	0.009
SAR	SWM	0.057	0.009
APU	TUR	0.057	0.009
KRS	MAJ	0.056	0.009
BAS	CAS	0.056	0.009
IBE	SAR	0.056	0.008
BIS	SWM	0.056	0.009
CAS	SWM	0.056	0.008
ALE	SAR	0.056	0.008
MOR	SWM	0.056	0.008
SCH	TUR	0.056	0.014
LAN	MAJ	0.056	0.010
CAS	TUR	0.055	0.009
BIS	TUR	0.055	0.008
BAS	TUR	0.054	0.007
ALE	CAS	0.054	0.008
KRS	SWM	0.054	0.009
DUR	LIW	0.054	0.008
MOR	TUR	0.054	0.007
CAS	IBE	0.054	0.008
LAN	TUR	0.054	0.011
IBE	KRS	0.053	0.008
IBE	LIN	0.053	0.008
APU	SWM	0.053	0.008
DUR	LAN	0.053	0.009
ALE	KRS	0.053	0.007
LIN	SWM	0.052	0.009
MAJ	SCH	0.052	0.013
LIW	MAJ	0.052	0.010
DUR	NER	0.052	0.013
LAN	SWM	0.052	0.010
LAR	MAJ	0.051	0.009
LAR	TUR	0.051	0.010

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LIW	TUR	0.050	0.008
BAS	DUR	0.049	0.008
DUR	SWM	0.049	0.010
ALE	SCH	0.049	0.012
DUR	SCH	0.049	0.012
DUR	MAJ	0.049	0.010
DUR	TUR	0.048	0.007
ALE	LAN	0.047	0.009
ALE	DUR	0.047	0.009
IBE	SCH	0.047	0.010
LIW	SWM	0.047	0.008
LAR	SWM	0.047	0.008
SCH	SWM	0.046	0.011
ALE	LIW	0.044	0.007
IBE	LIW	0.044	0.009
IBE	LAN	0.044	0.008
IBE	LAR	0.043	0.008
ALE	LAR	0.043	0.008

Abbreviations: ALE = Alentejana; APU = Apulo Calabrese; BAS = Basque; BLA = Black Slavonian; BIS = Bisara; CAS = Casertana; CIN = Cinta Senese; DUR = Duroc; GAS = Gascon; IBE = Iberian; KRS = Krskopolje; LAN = Landrace; LAR = Large White; LIN = Lithuanian Native; LIW = Lithuanian White Old Type; MAJ = MajorcanBlack; MOR = Mora Romagnola; MKA = Moravka; NER = Nero Siciliano; SAR = Sarda; SCH Schwäbisch-Hällisches Schwein; SWM = Swallow-Bellied Mangalitsa; TUR = Turopolje.





2	80998774	80998778	Body depth QTL			X														
2	80998774	80998778	Body width QTL			X														
2	81346163	64363151	Percentage type IIa fibers QTL			X														
2	81409631	81409635	Hip structure QTL			X														
2	81409631	81409635	Front foot size QTL			X														
2	81629716	81629720	Chest width QTL			X														
2	81675736	81675740	Right teat number QTL			X														
2	82281459	82429137	Scrotal/inguinal hernia QTL			X														
2	87106231	87106235	Triglyceride level QTL			X														
2	87163626	87163630	Age at puberty QTL			X														
2	87274371	87274375	Number of stillborn QTL			X														
2	87495573	87495577	Rump circumference QTL			X														
2	87768391	87768395	Conductivity 45 minutes post-mortem QTL			X														
2	87792346	87792350	Coping behavior QTL			X														
2	88055466	88055470	Dihomo-gamma-linolenic acid content QTL			X														
2	96840084	97000069	tenderness score QTL			X														
2	96840084	97000069	Humerus length QTL			X														
2	106976773	106976777	Shear force QTL				X													
2	106976876	106976880	Juiciness score QTL				X													
2	106976876	106976880	tenderness score QTL				X													
2	106976876	106976880	chew score QTL				X													
2	106976876	106976880	Off-flavor score QTL				X													
2	106976876	106976880	Flavor score QTL				X													
2	106976876	106976880	Cooking loss QTL				X													
2	106976876	106976880	Drip loss QTL				X													
2	134560511	134560515	Meat color L* QTL						X											
2	134993754	134993758	Meat color a* QTL						X											
2	16645930	16645934	Immunoglobulin G level QTL							X										
2	9820610	9968289	Percentage type I fibers QTL								X									
2	9943676	10017515	Salmonella count in spleen QTL									X								
2	9943676	10017515	Salmonella count in liver QTL										X							
2	9943676	10017515	Salmonella shedding status QTL											X						
2	10286570	10286574	Backfat at first rib QTL											X						
2	10286570	10286574	Obesity index QTL											X						
2	10352121	10352125	muscle protein percentage QTL											X						
2	18558247	18669006	pH 24 hr post-mortem											X						



3	57180689	57180693	CD3-negative, CD8-negative leukocyte percentage QTL		X															
3	57187515	57187519	CD8-positive leukocyte percentage QTL		X															
3	57187515	57187519	CD8-negative leukocyte percentage QTL		X															
3	86105720	86105724	Mean platelet volume QTL		X															
3	86301290	86458059	Hemoglobin QTL		X															
3	86301290	86458059	Daily feed intake QTL		X															
3	55915177	55915181	CD8-positive leukocyte percentage QTL			X														
3	55949227	55949231	CD8-negative leukocyte percentage QTL			X														
3	56746315	56746319	CD8-negative leukocyte percentage QTL				X													
3	72434494	72434498	CD3-negative, CD8-negative leukocyte percentage QTL				X													
3	72477090	72477094	CD8-positive leukocyte percentage QTL				X													
3	56074356	56074360	CD8-negative leukocyte percentage QTL					X												
3	56106381	56106385	Mycoplasma pneumonia susceptibility QTL						X											
3	56106381	56106385	CD8-positive leukocyte percentage QTL						X											
3	56106381	56106385	CD3-negative, CD8-negative leukocyte percentage QTL						X											
3	67376788	67376792	CD8-positive leukocyte percentage QTL							X										
3	67376788	67376792	CD3-negative, CD8-negative leukocyte percentage QTL							X										
3	67376788	67376792	Backfat at rump QTL							X										
3	67377828	67377832	CD8-negative leukocyte percentage QTL							X										
3	48519673	48519677	CD8-negative leukocyte percentage QTL								X									
3	48555584	48555588	CD8-positive leukocyte percentage QTL								X									
3	72758698	72758702	CD8-negative leukocyte percentage QTL									X								
3	72758698	72758702	CD3-negative, CD8-negative leukocyte percentage QTL										X							





































15	133836469	133836473	PH for Longissimus dorsi QTL																X			
15	133929896	133929900	Drip loss QTL																X			
15	133929896	133929900	pH 24 hr post-mortem																X			
15	133964453	133964457	pH 24 hr post-mortem																X			
15	135199208	135199212	Juiciness score QTL																X			
15	135199208	135199212	tenderness score QTL																X			
15	135199208	135199212	Shear force QTL																X			
15	150958164	58734142	Salmonella count in liver and spleen QTL																X			
15	150958164	58734142	Salmonella count in spleen QTL																X			
15	150958164	58734142	Salmonella count in liver and spleen QTL																	X		
15	150958164	58734142	Salmonella count in spleen QTL																	X		
15	37205128	37205132	Left teat number QTL																		X	
15	37382665	37382669	Feed intake per feeding QTL																		X	
15	51139395	51139399	Hair amount QTL																			X
15	53826516	53826520	Hematocrit QTL																			X
15	53936602	53936606	Mean corpuscular hemoglobin concentration QTL																			X
16	6619647	6619651	Plateletcrit QTL			X																
16	6890888	6890892	Sperm motility QTL			X																
16	35111311	35111315	Meat color a* QTL			X																
16	35111311	35111315	Feed conversion ratio QTL			X																
16	18720493	18720497	Cortisol level QTL						X													
16	19022066	19022070	Thoracolumbar vertebra number QTL						X													
16	19421725	19514964	Hind leg conformation QTL									X										
16	19442050	19442054	Monocyte number QTL									X										
16	59316873	59316877	Oleic acid to stearic acid ratio QTL										X									
16	59605945	59605949	Eicosenoic acid to eicosanoic acid ratio QTL											X								
16	59605945	59605949	Arachidic acid to stearic acid ratio QTL												X							
16	38745956	38745960	Eicosenoic acid to eicosanoic acid ratio QTL													X						
16	40783783	40783787	Arachidic acid to stearic acid ratio QTL														X					
16	40932268	40932272	Cis-11-Eicosenoic acid to oleic acid ratio QTL															X				
16	40932268	40932272	Cis-11-Eicosenoic acid to arachidic acid ratio QTL																X			
16	41222724	41222728	Loin muscle area QTL																X			



