

Table S3a: Significant windows for intercept term on number of piglets born alive (NBA) as regressed on average THI 86 to 93 days into pregnancy in the Landrace population of the Maschhoffs breeding company (TML_LR).

Location	Var(%) and N SNPs in brackets	Positional genes	QTL traits
SSC1: 67,951,385- 71,151,381	0.47(37)	<i>ENSSSCG00000004361 (GRIK2), ENSSSCG000000046266, ENSSSCG000000047827, ENSSSCG000000041890, ENSSSCG00000004364 (HACE1)</i>	Obesity index, backfat between 3 rd and 4 th last ribs, CD4-positive
SSC11: 79,931,895- 80,427,841	0.34(17)	.	Hind leg conformation, platelet count
SSC1: 266,158- 2,322,507	0.34(38)	<i>ENSSSCG000000043002, ENSSSCG000000050193, ENSSSCG000000046031, ENSSSCG000000042397, ENSSSCG000000035944, ENSSSCG000000047845, ENSSSCG00000004010 (ERMARD), ENSSSCG00000004009 (TCTE3), ENSSSCG000000030155 (PHF10), ENSSSCG000000038931 (C6orf120), ENSSSCG00000004008, ENSSSCG000000045488, ENSSSCG000000048735, ENSSSCG000000049501, ENSSSCG00000004012 (THBS2), ENSSSCG000000035661, ENSSSCG000000032192, ENSSSCG000000044353, ENSSSCG000000041157, ENSSSCG000000050693, ENSSSCG000000042085, ENSSSCG000000045916, ENSSSCG00000004013 (SMOC2), ENSSSCG000000043714, ENSSSCG000000031703 (DACT2), ENSSSCG000000044594, ENSSSCG000000048580, ENSSSCG00000004017, ENSSSCG000000049642, ENSSSCG00000004016, ENSSSCG00000004018 (AFDN), ENSSSCG000000038097, ENSSSCG000000047676, ENSSSCG000000047753, ENSSSCG000000051018, ENSSSCG000000049134, ENSSSCG000000045280, ENSSSCG000000043317, ENSSSCG000000051690, ENSSSCG000000027404 (UNC93A), ENSSSCG000000051474, ENSSSCG000000022580,</i>	Arachidonic acid to dihomogamma-linolenic acid ratio, Arachidonic acid to eicosadienoic acid ratio, backfat at rump, drip loss

		<i>ENSSSCG00000032403, ENSSSCG00000037137, ENSSSCG00000024562 (CCR6), ENSSSCG00000034196, ENSSSCG00000004023 (FGFR1OP), ENSSSCG00000043814, ENSSSCG00000004024, ENSSSCG00000048164, ENSSSCG00000043922, ENSSSCG0000004022 (RPS6KA2)</i>	
SSC9: 43,064,592- 43,794,001	0.34(17)	<i>ENSSSCG00000051653, ENSSSCG00000049753, ENSSSCG00000041196</i>	.
SSC2: 19,873,884- 20,805,003	0.33(16)	<i>ENSSSCG00000047796, ENSSSCG00000047142, ENSSSCG00000045282, ENSSSCG00000042424</i>	Body depth, rib shape, coping behavior
SSC8: 871,763- 1,716,574	0.33(20)	<i>ENSSSCG00000030827 (FGFR3), ENSSSCG00000008675 (LETM1), ENSSSCG00000051354, ENSSSCG00000049380, ENSSSCG00000008682 (NSD2), ENSSSCG00000020173 (SCARNA22), ENSSSCG00000008681 (NELFA), ENSSSCG00000008686, ENSSSCG00000033541 (NAT8L), ENSSSCG00000008684 (POLN), ENSSSCG00000027718 (HAUS3), ENSSSCG00000008687 (MXD4), ENSSSCG00000008689 (ZFYE28), ENSSSCG00000034633 (CFAP99), ENSSSCG00000008690 (RNF4), ENSSSCG00000029745 (FAM193A), ENSSSCG00000008691 (TNIP2), ENSSSCG00000022004 (SH3BP2), ENSSSCG00000044393, ENSSSCG00000008692 (ADD1), ENSSSCG00000008695 (MFSD10), ENSSSCG00000008693 (NOP14)</i>	Days to 115 kg
SSC1: 71,950,726- 73,330,274	0.32(22)	<i>ENSSSCG00000042384, ENSSSCG00000045922, ENSSSCG00000034393, ENSSSCG00000049688, ENSSSCG00000043520, ENSSSCG0000004370 (ATG5), ENSSSCG0000004369 (PRDM1), ENSSSCG0000004371 (CRYBG1), ENSSSCG00000035339, ENSSSCG00000046528, ENSSSCG00000041504, ENSSSCG0000004373 (RTN4IP1), ENSSSCG0000004374 (QRSL1), ENSSSCG00000049906, ENSSSCG00000043597, ENSSSCG00000031023, ENSSSCG00000037071, ENSSSCG00000037985 (MTRES1), ENSSSCG00000031159, ENSSSCG00000036168 (PDSS2)</i>	CD4-positive, time spent lying

SSC8: 4,941-465,122	0.32(13)	<i>ENSSSCG00000047999, ENSSSCG00000039991 (PIGG),</i> <i>ENSSSCG00000043358 (TMEM271), ENSSSCG00000036645</i> <i>(PDE6B), ENSSSCG00000023903, ENSSSCG00000027502 (MYL5),</i> <i>ENSSSCG00000026084 (SLC49A3), ENSSSCG00000019544,</i> <i>ENSSSCG00000029983 (PCGF3), ENSSSCG00000037527 (CPLX1),</i> <i>ENSSSCG00000046122, ENSSSCG00000021289 (GAK),</i> <i>ENSSSCG00000038234 (TMEM175), ENSSSCG00000027286 (DGKQ),</i> <i>ENSSSCG00000032262 (IDUA), ENSSSCG00000035739 (SLC26A1),</i> <i>ENSSSCG00000036512 (FGFRL1), ENSSSCG00000045703,</i> <i>ENSSSCG00000032808, ENSSSCG00000039488 (SPON2)</i>	
SSC2: 7,190,662-7,921,973	0.32(16)	<i>ENSSSCG00000023178 (BATF2), ENSSSCG00000040674,</i> <i>ENSSSCG00000013015 (GPHA2), ENSSSCG00000013016 (PPP2R5B),</i> <i>ENSSSCG00000023890 (ATG2A), ENSSSCG00000045555,</i> <i>ENSSSCG00000019906, ENSSSCG00000046741,</i> <i>ENSSSCG00000018349, ENSSSCG00000013017 (EHD1),</i> <i>ENSSSCG00000013018 (CDC42BPG), ENSSSCG00000013019</i> <i>(MEN1), ENSSSCG00000013020 (MAP4K2), ENSSSCG00000013022</i> <i>(PYGM), ENSSSCG00000013023, ENSSSCG00000033229 (NRXN2),</i> <i>ENSSSCG00000051519, ENSSSCG00000013024,</i> <i>ENSSSCG00000013025 (SLC22A12), ENSSSCG00000020831</i> <i>(SLC22A11), ENSSSCG00000043801, ENSSSCG00000050721,</i> <i>ENSSSCG00000044804, ENSSSCG00000028806 (RPS6KA4),</i> <i>ENSSSCG00000013042, ENSSSCG00000013030,</i> <i>ENSSSCG00000013029 (TRMT112), ENSSSCG00000013028 (ESRRA),</i> <i>ENSSSCG00000013027, ENSSSCG00000013031 (KCNK4),</i> <i>ENSSSCG00000013032 (GPR137), ENSSSCG00000013033 (BAD),</i> <i>ENSSSCG00000013034 (PLCB3), ENSSSCG00000037999,</i> <i>ENSSSCG00000033757, ENSSSCG00000013038,</i> <i>ENSSSCG00000013039 (NUDT22), ENSSSCG00000013040 (TRPT1),</i> <i>ENSSSCG00000013041 (FERMT3), ENSSSCG00000021620 (STIP1)</i>	Average daily gain, loin and neck weight, backfat at rump
SSC1: 65,183,502-66,336,428	0.31(21)	<i>ENSSSCG00000042619, ENSSSCG00000051730,</i> <i>ENSSSCG00000047707, ENSSSCG00000044402,</i> <i>ENSSSCG00000047909, ENSSSCG00000049009,</i>	Conductivity 45 minutes post-mortem, mummified

		<p><i>ENSSSCG00000018969, ENSSSCG00000044799,</i> <i>ENSSSCG00000046887, ENSSSCG00000047992,</i> <i>ENSSSCG00000043225, ENSSSCG00000041445,</i> <i>ENSSSCG00000049318, ENSSSCG0000004347 (FBXL4),</i> <i>ENSSSCG0000004349 (FAXC), ENSSSCG00000037594 (PNISR)</i></p>	pigs, maternal infanticide, Hemoglobin
SSC3:			
141,963,034- 142,766,769	0.29(16)	.	.
SSC8:			Body weight (birth), front leg conformation, front feet conformation
140,234,308- 140,885,162	0.29(22)	.	
SSC13:		<p><i>ENSSSCG00000011398 (SEMA3F), ENSSSCG00000042718 (GNAT1),</i> <i>ENSSSCG00000011397 (SLC38A3), ENSSSCG00000011399 (GNAI2),</i> <i>ENSSSCG00000011400 (SEMA3B), ENSSSCG00000011401</i> <i>(LSMEM2), ENSSSCG00000011402 (IFRD2), ENSSSCG00000041673,</i> <i>ENSSSCG00000024363 (HYAL3), ENSSSCG00000011404,</i> <i>ENSSSCG00000011405 (HYAL2), ENSSSCG00000011407 (RASSF1),</i> <i>ENSSSCG00000011408 (ZMYND10), ENSSSCG00000011410</i> <i>(CYB561D2), ENSSSCG00000043195 (TMEM115),</i> <i>ENSSSCG00000011412 (CACNA2D2), ENSSSCG00000037433</i> <i>(C3orf18), ENSSSCG00000025272 (HEMK1), ENSSSCG00000048288,</i> <i>ENSSSCG00000050226, ENSSSCG00000040581,</i> <i>ENSSSCG00000011415 (MAPKAPK3), ENSSSCG00000011416</i> <i>(DOCK3)</i></p>	Firmness, hip structure, front leg conformation, hind leg conformation
32,626,695- 33,219,455	0.28(19)		
SSC1:		<p><i>ENSSSCG00000005106 (NTRK3), ENSSSCG00000044241,</i> <i>ENSSSCG00000050818, ENSSSCG00000041527,</i> <i>ENSSSCG00000043508, ENSSSCG00000045893,</i> <i>ENSSSCG00000036551, ENSSSCG00000051349,</i> <i>ENSSSCG00000048252, ENSSSCG00000045398,</i> <i>ENSSSCG00000042933, ENSSSCG00000044158,</i> <i>ENSSSCG00000005109 (ESR2)</i></p>	Feed conversion ratio, residual feed intake, intramuscular fat content, number of stillborn
191,857,174- 193,873,995	0.28(17)		

SSC1: 185,048,329- 185,734,190	0.28(17)	<i>ENSSSCG00000005060 (KTN1), ENSSSCG000000033800 (PELI2), ENSSSCG000000050996</i>	Obesity index
SSC16: 37,733,559- 39,019,226	0.28(18)	<i>ENSSSCG000000043299, ENSSSCG000000016929 (PDE4D), ENSSSCG000000046737, ENSSSCG000000018875</i>	Days to 100 kg, feed conversion ratio, Arachidic acid to stearic acid ratio, loin muscle area, Arachidic acid content, Eicosenoic acid to eicosanoic acid ratio, coping behavior
SSC1: 182,684,682- 183,880,998	0.27(17)	<i>ENSSSCG000000005043 (DDHD1), ENSSSCG000000051102, ENSSSCG000000041305, ENSSSCG000000005045 (BMP4), ENSSSCG000000005047 (CDKN3), ENSSSCG000000027256 (CNIH1), ENSSSCG000000026294 (GMFB), ENSSSCG000000021451 (CGRRF1)</i>	Obesity index
SSC6: 71,960,401- 72,949,935	0.27(24)	<i>ENSSSCG000000028965, ENSSSCG000000003432 (KIAA2013), ENSSSCG000000003433 (PLOD1), ENSSSCG000000003434 (MFN2), ENSSSCG000000003435 (MIIP), ENSSSCG000000022208 (TNFRSF1B), ENSSSCG000000003438 (VPS13D), ENSSSCG000000020322, ENSSSCG000000041182 (SNORA59A), ENSSSCG000000048520, ENSSSCG000000003439 (DHRS3), ENSSSCG000000049829, ENSSSCG000000003440 (AADACL4), ENSSSCG000000003441 (AADACL3), ENSSSCG000000045525, ENSSSCG000000003442 (Clorf158), ENSSSCG000000003444, ENSSSCG0000000033480, ENSSSCG0000000033129, ENSSSCG0000000033821, ENSSSCG0000000037747, ENSSSCG0000000031836, ENSSSCG0000000044717, ENSSSCG0000000032991, ENSSSCG0000000039417, ENSSSCG0000000040680, ENSSSCG0000000037632, ENSSSCG000000003449 (LRRC38)</i>	Age at puberty, CD3- negative, Stearic acid content, litter size, drip loss, impedance 24 hours post- mortem, pH 45 minutes <i>post-mortem</i>
SSC5: 71,774,499- 72,424,166	0.25(14)	<i>ENSSSCG000000045210, ENSSSCG000000044708, ENSSSCG000000000784, ENSSSCG000000047044, ENSSSCG000000041614, ENSSSCG000000000789 (CNTN1)</i>	Dressing percentage

SSC6: 119,172,911- 121,684,388	0.23(38)	<p><i>ENSSSCG00000030018 (ZNF396), ENSSSCG00000038859 (INO80C),</i> <i>ENSSSCG00000003743 (GALNT1), ENSSSCG00000030002</i> <i>(C18orf21), ENSSSCG000000027700 (RPRD1A),</i> <i>ENSSSCG00000035019, ENSSSCG00000027455 (SLC39A6),</i> <i>ENSSSCG00000020898 (ELP2), ENSSSCG00000003744 (MOCOS),</i> <i>ENSSSCG00000027935 (FHOD3), ENSSSCG00000043137,</i> <i>ENSSSCG00000003746, ENSSSCG00000026953 (TPGS2),</i> <i>ENSSSCG00000042283, ENSSSCG00000034886,</i> <i>ENSSSCG00000003747 (KIAA1328), ENSSSCG00000047288,</i> <i>ENSSSCG00000045019, ENSSSCG00000003748 (CELF4),</i> <i>ENSSSCG00000042833, ENSSSCG00000045034</i></p>	Intramuscular fat content, litter size, backfat at 10 th rib, pH 45 minutes <i>post-mortem</i> , cervical vertebra length, Docosapentaenoic acid content
SSC12: 879,362- 1,516,612	0.23(15)	<p><i>ENSSSCG00000029553, ENSSSCG00000029944,</i> <i>ENSSSCG00000040352 (DUS1L), ENSSSCG00000033689 (GPS1),</i> <i>ENSSSCG00000040385 (RFNG), ENSSSCG00000031851,</i> <i>ENSSSCG00000039873 (DCXR), ENSSSCG00000036973 (RAC3),</i> <i>ENSSSCG00000040503 (LRRC45), ENSSSCG00000049515,</i> <i>ENSSSCG00000040727 (ASPSCR1), ENSSSCG00000039013</i> <i>(NOTUM), ENSSSCG00000044793, ENSSSCG00000032974</i> <i>(MYADML2), ENSSSCG00000034723 (PYCR1),</i> <i>ENSSSCG00000033148 (MRPL12), ENSSSCG00000035253 (MAFG),</i> <i>ENSSSCG00000034695 (SIRT7), ENSSSCG00000039650 (PCYT2),</i> <i>ENSSSCG00000032655 (ALYREF), ENSSSCG00000035837,</i> <i>ENSSSCG00000035728, ENSSSCG00000034058 (ARHGDI1),</i> <i>ENSSSCG00000039148 (P4HB), ENSSSCG00000037039 (PPP1R27),</i> <i>ENSSSCG00000039424 (MCRIP1), ENSSSCG00000034891,</i> <i>ENSSSCG00000028355 (ACTG1), ENSSSCG00000033620,</i> <i>ENSSSCG00000033082 (HGS), ENSSSCG00000034716 (CCDC137),</i> <i>ENSSSCG00000033788 (OXMLD1), ENSSSCG00000045526,</i> <i>ENSSSCG00000031531 (TSPAN10), ENSSSCG00000024235</i> <i>(NPLOC4), ENSSSCG00000029616 (FAAP100),</i> <i>ENSSSCG00000026155 (FSCN2), ENSSSCG00000051223,</i> <i>ENSSSCG00000023045, ENSSSCG00000048652,</i></p>	Palmitic acid to myristic acid ratio, Myristic acid content, Oleic acid to palmitoleic acid ratio

ENSSSCG00000022317 (SLC38A10), ENSSSCG00000039183 (NDUFAF8)

SSC3: 11,346,527- 11,643,257	0.22(13)	<i>ENSSSCG00000025966, ENSSSCG00000027487 (LAT2), ENSSSCG00000028504 (RFC2), ENSSSCG00000007719 (CLIP2), ENSSSCG00000007720 (GTF2IRD1)</i>	.
SSC18: 52,862,142- 53,233,305	0.22(12)	<i>ENSSSCG00000050225, ENSSSCG00000044824, ENSSSCG00000035077, ENSSSCG00000034662, ENSSSCG00000045227</i>	.
SSC6: 75,839,337- 76,941,199	0.22(22)	<i>ENSSSCG00000003481 (PAD11), ENSSSCG00000003482 (PAD13), ENSSSCG00000003483 (PAD14), ENSSSCG00000003484 (PAD16), ENSSSCG00000003485 (RCC2), ENSSSCG00000003486 (ARHGEF10L), ENSSSCG00000046919, ENSSSCG00000024062 (ACTL8), ENSSSCG00000043698, ENSSSCG00000051351, ENSSSCG00000020992 (IGSF21)</i>	Oleic acid content, Monounsaturated fatty acid content, Monounsaturated fatty acid to saturated fatty acid ratio, Palmitoleic acid content, Linoleic acid content, age at puberty, intramuscular fat content, backfat at last rib, cis- Vaccenic acid content
SSC16: 4,863,778- 5,304,243	0.22(13)	<i>ENSSSCG00000028239 (FBXL7)</i>	Myristic acid content, hind leg conformation
SSC1: 199,936,889- 201,064,583	0.21(14)	<i>ENSSSCG00000050021, ENSSSCG00000005131 (DMRTA1), ENSSSCG00000050165, ENSSSCG00000034120 (CDKN2B), ENSSSCG00000005134, ENSSSCG00000005135 (MTAP), ENSSSCG00000041931, ENSSSCG00000045977</i>	Conductivity 45 minutes <i>post-mortem</i> , external fat on ham, adipocyte diameter
SSC6: 21,846,594- 22,591,224	0.21(16)	<i>ENSSSCG00000043338, ENSSSCG00000047750, ENSSSCG00000045327</i>	Body length, drip loss, loin pH 24 hours <i>post-mortem</i> , average daily gain
SSC9: 64,410,416- 65,286,501	0.21(16)	<i>ENSSSCG00000015273 (ATP2B4), ENSSSCG00000033768 (LAX1), ENSSSCG00000028035, ENSSSCG00000023562, ENSSSCG00000015277 (SOX13), ENSSSCG00000015276 (ETNK2), ENSSSCG00000031235 (REN), ENSSSCG00000038350 (KISS1), ENSSSCG00000015281 (PLEKHA6), ENSSSCG00000020589,</i>	Coping behavior

*ENSSSCG00000048468, ENSSSCG00000015282 (PPP1R15B),
ENSSSCG00000015283 (PIK3C2B), ENSSSCG00000015284 (MDM4),
ENSSSCG00000034803, ENSSSCG00000015285 (LRRN2)*

SSC8: 16,971,073- 17,295,697	0.21(11)	<i>ENSSSCG00000008754 (GBA3)</i>	Litter size, birth weight variability
SSC6: 89,485,894- 90,353,325	0.21(11)	<i>ENSSSCG000000050185, ENSSSCG00000032078 (ZNF362), ENSSSCG00000032224 (A3GALT2), ENSSSCG00000025344 (PHC2), ENSSSCG00000003621 (ZSCAN20), ENSSSCG00000042252, ENSSSCG00000003622, ENSSSCG00000047402, ENSSSCG00000049113, ENSSSCG00000021247 (HMGB4)</i>	Backfat at rump, backfat at mid-back
SSC16: 40,635,936- 41,985,204	0.21(14)	<i>ENSSSCG00000046595, ENSSSCG00000030186 (KIF2A), ENSSSCG00000031990 (DIMIT1), ENSSSCG00000016938 (IPO11), ENSSSCG00000020338, ENSSSCG00000037608 (LRRC70), ENSSSCG00000048063, ENSSSCG00000020281, ENSSSCG00000046520, ENSSSCG00000043802, ENSSSCG00000049006</i>	Arachidic acid to stearic acid ratio, Cis-11-Eicosenoic acid to oleic acid ratio, Eicosenoic acid to eicosanoic acid ratio, Loin muscle area, Loin muscle depth, Arachidic acid content
SSC9: 24,642,230- 25,414,898	0.20(13)	<i>ENSSSCG00000014935</i>	Intramuscular fat content, Hind leg conformation
SSC9: 45,356,730- 45,626,011	0.20(11)	<i>ENSSSCG00000015085 (IL10RA), ENSSSCG00000050318 (SMIM35), ENSSSCG00000015086 (TMPRSS4), ENSSSCG00000029199, ENSSSCG00000021651 (SCN2B), ENSSSCG00000015089 (JAML), ENSSSCG00000015090 (MPZL3), ENSSSCG00000015091, ENSSSCG00000040140</i>	Liver weight
SSC11: 244- 307,678	0.20(10)	<i>ENSSSCG00000047805, ENSSSCG00000022638 (ATP12A), ENSSSCG00000049484, ENSSSCG00000009572 (RNF17), ENSSSCG00000029393 (CENPJ)</i>	Total number of piglets born alive
SSC2: 5,034,464- 5,479,542	0.20(12)	<i>ENSSSCG00000012903 (PITPNM1), ENSSSCG00000012904 (AIP), ENSSSCG00000044979, ENSSSCG00000012905 (TMEM134), ENSSSCG00000012906 (CABP4), ENSSSCG00000033777 (GPR152),</i>	Average backfat thickness, backfat at last lumbar,

		<i>ENSSSCG00000012920 (CORO1B), ENSSSCG00000012909 (PTPRCAP), ENSSSCG00000012910 (RPS6KB2), ENSSSCG00000012911 (CARNS1), ENSSSCG00000012912 (TBC1D10C), ENSSSCG00000012913, ENSSSCG00000012914 (RAD9A), ENSSSCG00000043645, ENSSSCG00000012915, ENSSSCG00000012916, ENSSSCG00000048979, ENSSSCG00000027956 (SSH3), ENSSSCG00000012917 (ANKRD13D), ENSSSCG00000012918 (GRK2), ENSSSCG00000029637 (KDM2A), ENSSSCG00000022726 (RHOD), ENSSSCG00000024837 (SYT12), ENSSSCG00000040729 (C11orf86), ENSSSCG00000049464</i>	backfat at tenth rib, loin pH 24 hours <i>post-mortem</i>
SSC7: 118,891,334- 119,330,129	0.19(14)	<i>ENSSSCG00000041330, ENSSSCG00000046605, ENSSSCG00000042232</i>	Cortisol level
SSC11: 83,965,860- 84,319,272	0.19(10)	.	.
SSC1: 184,125,931- 184,917,301	0.19(11)	<i>ENSSSCG00000023408 (SAMD4A), ENSSSCG00000042101, ENSSSCG00000049819, ENSSSCG00000035715 (GCH1), ENSSSCG00000005052 (WDHD1), ENSSSCG00000032332 (SOCS4), ENSSSCG00000005054 (MAPK1IP1L), ENSSSCG00000005055 (LGALS3), ENSSSCG00000005056 (DLGAP5), ENSSSCG00000005057 (FBXO34), ENSSSCG00000047403, ENSSSCG00000005058 (ATG14), ENSSSCG00000005059 (TBPL2), ENSSSCG00000019668, ENSSSCG00000005060 (KTN1)</i>	Obesity index
SSC3: 140,363,332- 141,033,116	0.19(12)	.	.
SSC1: 3,560,483- 4,058,074	0.19(11)	<i>ENSSSCG00000044274, ENSSSCG00000049643</i>	.
SSC18: 24,758,016- 25,209,980	0.19(12)	<i>ENSSSCG00000016611 (CADPS2), ENSSSCG00000031221 (FEZF1), ENSSSCG00000016613 (AASS), ENSSSCG00000016614 (PTPRZ1)</i>	Front feet conformation

SSC4: 95,686,177- 96,114,909	0.18(11)	<i>ENSSSCG00000038125 (NUP210L), ENSSSCG00000031838 (RPS27), ENSSSCG00000006564, ENSSSCG00000006559, ENSSSCG00000006560 (CREB3L4), ENSSSCG00000006561 (SLC39A1), ENSSSCG00000006567 (CRTC2), ENSSSCG00000006568 (DENND4B), ENSSSCG00000006562 (GATAD2B), ENSSSCG00000050567, ENSSSCG00000050118, ENSSSCG00000006571 (INTS3), ENSSSCG00000006569 (SLC27A3), ENSSSCG00000043560, ENSSSCG00000031753, ENSSSCG00000006572 (NPR1), ENSSSCG00000028553 (ILF2), ENSSSCG00000034159 (SNAPIN), ENSSSCG00000031053 (S100A1), ENSSSCG00000022107 (CHTOP), ENSSSCG00000038991, ENSSSCG00000006582, ENSSSCG00000006581, ENSSSCG00000006580 (S100A2), ENSSSCG00000006579 (S100A3), ENSSSCG00000006578 (S100A4), ENSSSCG00000006577 (S100A5), ENSSSCG00000021084 (S100A6)</i>	Litter size, total number of piglets born alive
SSC9: 24,155,728- 24,432,100	0.18(10)	<i>ENSSSCG00000041757, ENSSSCG00000041340</i>	.
SSC1: 63,025,137- 63,236,510	0.18(10)	.	Palmitic acid content, saturated fatty acid content, unsaturated fatty acid content
SSC1: 61,534,580- 62,058,511	0.17(10)	<i>ENSSSCG00000050706</i>	Dressing percentage, fat androstene level, mummified pigs
SSC8: 14,413,402- 14,705,207	0.17(10)	.	.
SSC15: 150,448,862- 150,829,050	0.17(10)	.	.

SSC9: 19,155,863- 19,459,321	0.17(10)	<i>ENSSSCG00000014904 (DLG2), ENSSSCG00000050112, ENSSSCG00000049439</i>	Litter size
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Location: indicates the chromosome number (SSC1 to SSC18), followed by the starting and end position of the genomic window(s) in base pairs; **Var(%)**: the percental variance explained by the most relevant 10-SNP window within the region of interest; **N SNP**: number of SNP marker included in the genomic region identified; **Positional genes**: Ensembl gene stable ID (with official gene symbol when known) mapped to the genomic regions identified; **QTL traits**: indicates which traits have known QTLs mapped within the genomic region of interest, based on QTLs reported in the Pig QTL database (<https://www.animalgenome.org/cgi-bin/QTLdb/SS/index>).