

Supp. Table S1. QTLs in the longest HBD segments.

ID QTL	SSC	Trait	Class	Group
22910	1	Total number born	Litter traits	Reproduction traits
18485	1	Total number born	Litter traits	Reproduction traits
18219	1	Total number born	Litter traits	Reproduction traits
18218	1	Total number born	Litter traits	Reproduction traits
18070	1	Total number born alive	Litter traits	Reproduction traits
18115	1	Number of stillborn	Litter traits	Reproduction traits
18291	1	mummified pigs	Litter traits	Reproduction traits
18290	1	mummified pigs	Litter traits	Reproduction traits
18272	1	mummified pigs	Litter traits	Reproduction traits
18270	1	mummified pigs	Litter traits	Reproduction traits
18239	1	mummified pigs	Litter traits	Reproduction traits
106223	1	Litter size	Litter traits	Reproduction traits
15972	1	Lifetime number born alive	Litter traits	Reproduction traits
31822	1	Corpus luteum number	Litter traits	Reproduction traits
22911	1	Total number born	Litter traits	Reproduction traits
22921	1	Total number born alive	Litter traits	Reproduction traits
22935	1	Litter weight total	Litter traits	Reproduction traits
18271	1	mummified pigs	Litter traits	Reproduction traits
178884	1	Number of mummified pigs	Litter traits	Reproduction traits
178883	1	Number of mummified pigs	Litter traits	Reproduction traits
178885	1	Number of mummified pigs	Litter traits	Reproduction traits
18128	1	Number of stillborn	Litter traits	Reproduction traits
18490	1	Litter weight piglets born alive	Litter traits	Reproduction traits
18492	1	Litter weight piglets born alive	Litter traits	Reproduction traits
15973	1	Lifetime total number born	Litter traits	Reproduction traits
15974	1	Lifetime total number born	Litter traits	Reproduction traits
15975	1	Lifetime number born alive	Litter traits	Reproduction traits

ID QTL	SSC	Trait	Class	Group
22922	1	Total number born alive	Litter traits	Reproduction traits
57514	1	Litter birth interval	Reproductive traits	Reproduction traits
96089	1	Age at puberty	Reproductive traits	Reproduction traits
18167	1	Gestation length	Reproductive traits	Reproduction traits
126635	1	Teat number	Reproductive organ	Reproduction traits
126623	1	Teat number	Reproductive organ	Reproduction traits
126650	1	Teat number difference between sides	Reproductive organ	Reproduction traits
126589	1	Teat number difference between sides	Reproductive organ	Reproduction traits
126633	1	Left teat number	Reproductive organ	Reproduction traits
211855	1	Teat number	Reproductive organ	Reproduction traits
211788	1	Teat number	Reproductive organ	Reproduction traits
211787	1	Teat number	Reproductive organ	Reproduction traits
211786	1	Teat number	Reproductive organ	Reproduction traits
126713	1	Teat number	Reproductive organ	Reproduction traits
29553	1	Feed conversion ratio	Feed conversion	Production traits
29552	1	Feed conversion ratio	Feed conversion	Production traits
66267	1	Daily feed intake	Feed intake	Production traits
29543	1	Daily feed intake	Feed intake	Production traits
22198	1	Daily feed intake	Feed intake	Production traits
135641	1	Daily feed intake	Feed intake	Production traits
135639	1	Daily feed intake	Feed intake	Production traits
22427	1	Average feeding rate	Feed intake	Production traits
22386	1	Daily feed intake	Feed intake	Production traits
22385	1	Daily feed intake	Feed intake	Production traits
22389	1	Daily feed intake	Feed intake	Production traits
22388	1	Daily feed intake	Feed intake	Production traits
22387	1	Daily feed intake	Feed intake	Production traits
22384	1	Daily feed intake	Feed intake	Production traits
22370	1	Daily feed intake	Feed intake	Production traits

ID QTL	SSC	Trait	Class	Group
135650	1	Time in feeder per day	Feed intake	Production traits
29544	1	Daily feed intake	Feed intake	Production traits
135640	1	Daily feed intake	Feed intake	Production traits
135651	1	Time in feeder per day	Feed intake	Production traits
135649	1	Time in feeder per day	Feed intake	Production traits
22196	1	Daily feed intake	Feed intake	Production traits
22205	1	Daily feed intake	Feed intake	Production traits
135638	1	Daily feed intake	Feed intake	Production traits
135648	1	Time in feeder per day	Feed intake	Production traits
22209	1	Daily feed intake	Feed intake	Production traits
29545	1	Daily feed intake	Feed intake	Production traits
22210	1	Daily feed intake	Feed intake	Production traits
22211	1	Daily feed intake	Feed intake	Production traits
139161	1	Da+45:84ys to 110 kg	Growth	Production traits
66275	1	Body weight	Growth	Production traits
65010	1	Body weight	Growth	Production traits
65008	1	Body weight	Growth	Production traits
22971	1	Body weight birth	Growth	Production traits
22970	1	Body weight birth	Growth	Production traits
172209	1	Body height	Growth	Production traits
22269	1	Average daily gain	Growth	Production traits
22232	1	Average daily gain	Growth	Production traits
22222	1	Average daily gain	Growth	Production traits
22268	1	Average daily gain	Growth	Production traits
22221	1	Average daily gain	Growth	Production traits
28800	1	Average daily gain	Growth	Production traits
28801	1	Average daily gain	Growth	Production traits
28802	1	Average daily gain	Growth	Production traits
28803	1	Average daily gain	Growth	Production traits

ID QTL	SSC	Trait	Class	Group
28804	1	Average daily gain	Growth	Production traits
28799	1	Average daily gain	Growth	Production traits
28798	1	Average daily gain	Growth	Production traits
28797	1	Average daily gain	Growth	Production traits
28796	1	Average daily gain	Growth	Production traits
22267	1	Average daily gain	Growth	Production traits
22220	1	Average daily gain	Growth	Production traits
22263	1	Average daily gain	Growth	Production traits
22264	1	Average daily gain	Growth	Production traits
22216	1	Average daily gain	Growth	Production traits
22217	1	Average daily gain	Growth	Production traits
28179	1	Average daily gain on test	Growth	Production traits
22265	1	Average daily gain	Growth	Production traits
22219	1	Average daily gain	Growth	Production traits
22218	1	Average daily gain	Growth	Production traits
22266	1	Average daily gain	Growth	Production traits
28795	1	Average daily gain	Growth	Production traits
28178	1	Average daily gain entire life	Growth	Production traits
22233	1	Average daily gain	Growth	Production traits
29535	1	Average daily gain on test	Growth	Production traits
29533	1	Average daily gain on test	Growth	Production traits
211957	1	Body weight birth	Growth	Production traits
22235	1	Average daily gain	Growth	Production traits
22234	1	Average daily gain	Growth	Production traits
65130	1	Body weight	Growth	Production traits
22261	1	Average daily gain	Growth	Production traits
211924	1	Days to 90 kg	Growth	Production traits
22260	1	Average daily gain	Growth	Production traits
211901	1	Days to 90 kg	Growth	Production traits

ID QTL	SSC	Trait	Class	Group
22258	1	Average daily gain	Growth	Production traits
22259	1	Average daily gain	Growth	Production traits
139164	1	Days to 110 kg	Growth	Production traits
139163	1	Days to 110 kg	Growth	Production traits
22262	1	Average daily gain	Growth	Production traits
66268	1	Body weight	Growth	Production traits
29534	1	Average daily gain on test	Growth	Production traits
22226	1	Average daily gain	Growth	Production traits
22227	1	Average daily gain	Growth	Production traits
22228	1	Average daily gain	Growth	Production traits
22229	1	Average daily gain	Growth	Production traits
139162	1	Days to 110 kg	Growth	Production traits
22224	1	Average daily gain	Growth	Production traits
22225	1	Average daily gain	Growth	Production traits
29579	1	Loin muscle depth	Anatomy	Meat and carcass trait
22332	1	Loin muscle area	Anatomy	Meat and carcass trait
22329	1	Loin muscle area	Anatomy	Meat and carcass trait
65013	1	Lean meat weight	Anatomy	Meat and carcass trait
95695	1	Ham weight	Anatomy	Meat and carcass trait
95694	1	Ham weight	Anatomy	Meat and carcass trait
95693	1	Ham weight	Anatomy	Meat and carcass trait
95692	1	Ham weight	Anatomy	Meat and carcass trait
28022	1	Belly weight	Anatomy	Meat and carcass trait
22356	1	Loin muscle area	Anatomy	Meat and carcass trait
22340	1	Loin muscle area	Anatomy	Meat and carcass trait
22355	1	Loin muscle area	Anatomy	Meat and carcass trait
22357	1	Loin muscle area	Anatomy	Meat and carcass trait
22341	1	Loin muscle area	Anatomy	Meat and carcass trait
22358	1	Loin muscle area	Anatomy	Meat and carcass trait

ID QTL	SSC	Trait	Class	Group
22342	1	Loin muscle area	Anatomy	Meat and carcass trait
22359	1	Loin muscle area	Anatomy	Meat and carcass trait
22337	1	Loin muscle area	Anatomy	Meat and carcass trait
22339	1	Loin muscle area	Anatomy	Meat and carcass trait
22338	1	Loin muscle area	Anatomy	Meat and carcass trait
22352	1	Loin muscle area	Anatomy	Meat and carcass trait
22353	1	Loin muscle area	Anatomy	Meat and carcass trait
22336	1	Loin muscle area	Anatomy	Meat and carcass trait
22351	1	Loin muscle area	Anatomy	Meat and carcass trait
22354	1	Loin muscle area	Anatomy	Meat and carcass trait
211925	1	Loin muscle area	Anatomy	Meat and carcass trait
17771	1	Loin muscle area	Anatomy	Meat and carcass trait
22343	1	Loin muscle area	Anatomy	Meat and carcass trait
22344	1	Loin muscle area	Anatomy	Meat and carcass trait
22333	1	Loin muscle area	Anatomy	Meat and carcass trait
22345	1	Loin muscle area	Anatomy	Meat and carcass trait
22334	1	Loin muscle area	Anatomy	Meat and carcass trait
22335	1	Loin muscle area	Anatomy	Meat and carcass trait
193143	1	Loin weight	Anatomy	Meat and carcass trait
193144	1	Ham weight	Anatomy	Meat and carcass trait
18654	1	androstenone laboratory	Chemistry	Meat and carcass trait
161322	1	Conductivity 45 minutes post-mortem	Conductivity impedance	Meat and carcass trait
17772	1	Conductivity 45 minutes post-mortem	Conductivity impedance	Meat and carcass trait
65015	1	Lean meat percentage	Fatness	Meat and carcass trait
139172	1	Lean meat percentage	Fatness	Meat and carcass trait
29591	1	Intramuscular fat content	Fatness	Meat and carcass trait
193140	1	Intramuscular fat content	Fatness	Meat and carcass trait
125483	1	Intramuscular fat content	Fatness	Meat and carcass trait
65012	1	Fat weight total	Fatness	Meat and carcass trait

ID QTL	SSC	Trait	Class	Group
65009	1	Fat weight total	Fatness	Meat and carcass trait
65007	1	Fat_weight_total	Fatness	Meat and carcass trait
65014	1	Fat_percentage_in_carcass	Fatness	Meat and carcass trait
65011	1	Fat_percentage_in_carcass	Fatness	Meat and carcass trait
121914	1	Backfat between 3rd and 4th last ribs	Fatness	Meat and carcass trait
121909	1	Backfat between 3rd and 4th last ribs	Fatness	Meat and carcass trait
29564	1	Average backfat thickness	Fatness	Meat and carcass trait
29531	1	Average backfat thickness	Fatness	Meat and carcass trait
211916	1	Average backfat thickness	Fatness	Meat and carcass trait
193553	1	Intramuscular fat content	Fatness	Meat and carcass trait
193554	1	Intramuscular fat content	Fatness	Meat and carcass trait
28180	1	Fat area	Fatness	Meat and carcass trait
28181	1	Backfat at last rib	Fatness	Meat and carcass trait
139173	1	Lean_meat_percentage	Fatness	Meat and carcass trait
211930	1	Lean meat percentage	Fatness	Meat and carcass trait
17773	1	Average backfat thickness	Fatness	Meat and carcass trait
65016	1	Fat_percentage_in_carcass	Fatness	Meat and carcass trait
65018	1	Fat weight total	Fatness	Meat and carcass trait
29565	1	Average backfat thickness	Fatness	Meat and carcass trait
32099	1	Palmitic acid content	Fatty acid content	Meat and carcass trait
32098	1	Palmitic acid content	Fatty acid content	Meat and carcass trait
32063	1	Palmitic acid content	Fatty acid content	Meat and carcass trait
32062	1	Palmitic acid content	Fatty acid content	Meat and carcass trait
106264	1	Monounsaturated fatty acid content	Fatty acid content	Meat and carcass trait
32103	1	Linoleic acid content	Fatty acid content	Meat and carcass trait
32102	1	Linoleic acid content	Fatty acid content	Meat and carcass trait
32101	1	Linoleic acid content	Fatty acid content	Meat and carcass trait
32100	1	Linoleic acid content	Fatty acid content	Meat and carcass trait
32065	1	Eicosatrienoic acid content	Fatty acid content	Meat and carcass trait

ID QTL	SSC	Trait	Class	Group
22470	1	Stearic acid content	Fatty acid content	Meat and carcass trait
22469	1	cis-11-Eicosenoic acid content	Fatty acid content	Meat and carcass trait
193486	1	Stearic acid content	Fatty acid content	Meat and carcass trait
193482	1	Palmitoleic acid to palmitic acid ratio	Fatty acid content	Meat and carcass trait
193481	1	Palmitoleic acid to palmitic acid ratio	Fatty acid content	Meat and carcass trait
193480	1	Palmitoleic acid to palmitic acid ratio	Fatty acid content	Meat and carcass trait
193479	1	Palmitoleic acid to palmitic acid ratio	Fatty acid content	Meat and carcass trait
193475	1	Palmitoleic acid to palmitic acid ratio	Fatty acid content	Meat and carcass trait
193483	1	Stearic acid content	Fatty acid content	Meat and carcass trait
193478	1	Palmitoleic acid to palmitic acid ratio	Fatty acid content	Meat and carcass trait
121898	1	Meat color b*	Meat color	Meat and carcass trait
95258	1	Meat color a*	Meat color	Meat and carcass trait
193141	1	Meat color L*	Meat color	Meat and carcass trait
193142	1	Meat color b*	Meat color	Meat and carcass trait
28046	1	pH 24 hr post mortem ham	pH	Meat and carcass trait
17770	1	pH 24 hr post mortem ham	pH	Meat and carcass trait
28105	1	pH 24 hr post mortem ham	pH	Meat and carcass trait
22433	1	Shear force	Texture	Meat and carcass trait
28107	1	Water holding capacity	Texture	Meat and carcass trait
107292	1	Mean platelet volume	Blood parameters	Health Traits
107291	1	Mean platelet volume	Blood parameters	Health Traits
107311	1	Platelet count	Blood parameters	Health Traits
107303	1	Plateletcrit	Blood parameters	Health Traits
21348	1	PRRSV susceptibility	Disease susceptibility	Health Traits
140357	1	PRRSV susceptibility	Disease susceptibility	Health Traits
30985	1	Maternal infanticide	Behavioral	Exterior traits
30984	1	Maternal infanticide	Behavioral	Exterior traits
30983	1	Maternal infanticide	Behavioral	Exterior traits
30982	1	Maternal infanticide	Behavioral	Exterior traits

ID QTL	SSC	Trait	Class	Group
30986	1	Maternal infanticide	Behavioral	Exterior traits
126114	1	Top_line_conformation	Conformation	Exterior traits
126113	1	Top_line_conformation	Conformation	Exterior traits
64697	1	Lumbar vertebra number	Conformation	Exterior traits
64698	1	Lumbar vertebra number	Conformation	Exterior traits
64627	1	Thoracic vertebra number	Conformation	Exterior traits
126125	1	Conformation score	Conformation	Exterior traits
55895	1	Scrotal/inguinal hernia	Defects	Exterior traits
22916	13	Total_number_born	Litter traits	Reproduction traits
18231	13	Total_number_born	Litter traits	Reproduction traits
18207	13	Total_number_born	Litter traits	Reproduction traits
18202	13	Total_number_born	Litter traits	Reproduction traits
18201	13	Total_number_born	Litter traits	Reproduction traits
18200	13	Total_number_born	Litter traits	Reproduction traits
18199	13	Total_number_born	Litter traits	Reproduction traits
18084	13	Total_number_born_alive	Litter traits	Reproduction traits
18082	13	Total_number_born_alive	Litter traits	Reproduction traits
18080	13	Total_number_born_alive	Litter traits	Reproduction traits
18079	13	Total_number_born_alive	Litter traits	Reproduction traits
18078	13	Total_number_born_alive	Litter traits	Reproduction traits
18077	13	Total_number_born_alive	Litter traits	Reproduction traits
18076	13	Total_number_born_alive	Litter traits	Reproduction traits
170930	13	Total_number_born_alive	Litter traits	Reproduction traits
170929	13	Total_number_born_alive	Litter traits	Reproduction traits
57525	13	Number_of_stillborn	Litter traits	Reproduction traits
57521	13	Number_of_stillborn	Litter traits	Reproduction traits
18134	13	Number_of_stillborn	Litter traits	Reproduction traits
18133	13	Number_of_stillborn	Litter traits	Reproduction traits
18314	13	mummified pigs	Litter traits	Reproduction traits

ID QTL	SSC	Trait	Class	Group
18313	13	mummified pigs	Litter traits	Reproduction traits
18312	13	mummified pigs	Litter traits	Reproduction traits
18283	13	mummified pigs	Litter traits	Reproduction traits
18262	13	mummified pigs	Litter traits	Reproduction traits
18261	13	mummified pigs	Litter traits	Reproduction traits
18260	13	mummified pigs	Litter traits	Reproduction traits
18259	13	mummified pigs	Litter traits	Reproduction traits
18258	13	mummified pigs	Litter traits	Reproduction traits
106219	13	Litter size	Litter traits	Reproduction traits
106227	13	Litter size at day 5 after birth	Litter traits	Reproduction traits
31888	13	Corpus luteum number	Litter traits	Reproduction traits
31885	13	Corpus luteum number	Litter traits	Reproduction traits
31884	13	Corpus luteum number	Litter traits	Reproduction traits
22927	13	Total number born alive	Litter traits	Reproduction traits
18081	13	Total number born alive	Litter traits	Reproduction traits
18205	13	Total number born	Litter traits	Reproduction traits
18204	13	Total number born	Litter traits	Reproduction traits
18198	13	Total number born	Litter traits	Reproduction traits
57529	13	Number of stillborn	Litter traits	Reproduction traits
18085	13	Total number born alive	Litter traits	Reproduction traits
18208	13	Total number born	Litter traits	Reproduction traits
18203	13	Total number born	Litter traits	Reproduction traits
31887	13	Corpus luteum number	Litter traits	Reproduction traits
18177	13	Gestation length	Reproductive traits	Reproduction traits
126680	13	Teat number	Reproductive organ	Reproduction traits
126650	13	Teat number difference between sides	Reproductive organ	Reproduction traits
126716	13	Left teat number	Reproductive organ	Reproduction traits
55859	13	Cryptorchidism	Reproductive organ	Reproduction traits
126606	13	Teat number difference between sides	Reproductive organ	Reproduction traits

ID QTL	SSC	Trait	Class	Group
135656	13	Time in feeder per day	Feed intake	Production traits
65130	13	Body_weight	Growth	Production traits
29602	13	Body_weight_birth	Growth	Production traits
23004	13	Body_weight_birth	Growth	Production traits
23003	13	Body_weight_birth	Growth	Production traits
28068	13	Residual_feed_intake	Feed intake	Production traits
28078	13	Residual_feed_intake	Feed intake	Production traits
28079	13	Residual_feed_intake	Feed intake	Production traits
21965	13	Firmness	Texture	Meat and carcass trait
55965	13	Drip_loss	Texture	Meat and carcass trait
32091	13	Palmitic_acid_content	Fatty acid content	Meat and carcass trait
32090	13	Palmitic_acid_content	Fatty acid content	Meat and carcass trait
106287	13	Oleic_acid_content	Fatty acid content	Meat and carcass trait
32127	13	Linoleic_acid_content	Fatty acid content	Meat and carcass trait
32126	13	Palmitic_acid_content	Fatty acid content	Meat and carcass trait
22458	13	Intramuscular_fat_content	Fatness	Meat and carcass trait
125483	13	Intramuscular_fat_content	Fatness	Meat and carcass trait
135764	13	Backfat_at_rump	Fatness	Meat and carcass trait
22291	13	Average_backfat_thickness	Fatness	Meat and carcass trait
193573	13	Average_backfat_thickness	Fatness	Meat and carcass trait
121782	13	Average_backfat_thickness	Fatness	Meat and carcass trait
121773	13	Average_backfat_thickness	Fatness	Meat and carcass trait
121772	13	Average_backfat_thickness	Fatness	Meat and carcass trait
121770	13	Average_backfat_thickness	Fatness	Meat and carcass trait
121769	13	Average_backfat_thickness	Fatness	Meat and carcass trait
24223	13	Intramuscular_fat_content	Fatness	Meat and carcass trait
135760	13	Intestinal_fat_weight	Fatness	Meat and carcass trait
135762	13	Backfat_at_rump	Fatness	Meat and carcass trait
135765	13	Backfat_at_last_rib	Fatness	Meat and carcass trait

ID QTL	SSC	Trait	Class	Group
18662	13	indole laboratory	Chimistry	Meat and carcass trait
23173	13	Shoulder_weight	Anatomy	Meat and carcass trait
24222	13	Loin_percentage	Anatomy	Meat and carcass trait
29588	13	Loin_muscle_depth	Anatomy	Meat and carcass trait
29587	13	Loin_muscle_depth	Anatomy	Meat and carcass trait
29586	13	Loin_muscle_depth	Anatomy	Meat and carcass trait
95713	13	Ham_weight	Anatomy	Meat and carcass trait
29589	13	Loin_muscle_depth	Anatomy	Meat and carcass trait
140335	13	PRRSV_susceptibility	Disease susceptibility	Health Traits
107286	13	Mean_corpuscular_volume	Blood parameters	Health Traits
107263	13	Mean_corpuscular_hemoglobin_content	Blood parameters	Health Traits
56002	13	LDL_cholesterol	Blood parameters	Health Traits
55992	13	LDL_cholesterol	Blood parameters	Health Traits
107328	13	Red_cell_distribution_width	Blood parameters	Health Traits
107287	13	Mean_corpuscular_volume	Blood parameters	Health Traits
107253	13	Lymphocyte_number	Imune capacity	Health Traits
64768	13	Spinal_curvature	Defects	Exterior traits
64687	13	Spinal_curvature	Defects	Exterior traits
55898	13	Scrotal/inguinal_hernia	Defects	Exterior traits
31001	13	Maternal_infanticide	Behavioral	Exterior traits
126149	13	Conformation_score	Conformation	Exterior traits
31003	13	Maternal_infanticide	Behavioral	Exterior traits
18235	15	Total_number_born	Litter traits	Reproduction traits
18212	15	Total_number_born	Litter traits	Reproduction traits
22928	15	Total_number_born_alive	Litter traits	Reproduction traits
18093	15	Total_number_born_alive	Litter traits	Reproduction traits
18092	15	Total_number_born_alive	Litter traits	Reproduction traits
170932	15	Total_number_born_alive	Litter traits	Reproduction traits
57533	15	Number_of_stillborn	Litter traits	Reproduction traits

ID QTL	SSC	Trait	Class	Group
57532	15	Number of stillborn	Litter traits	Reproduction traits
57530	15	Number of stillborn	Litter traits	Reproduction traits
57522	15	Number of stillborn	Litter traits	Reproduction traits
57519	15	Number of stillborn	Litter traits	Reproduction traits
18135	15	Number of stillborn	Litter traits	Reproduction traits
18128	15	Number of stillborn	Litter traits	Reproduction traits
18317	15	mummified pigs	Litter traits	Reproduction traits
18266	15	mummified pigs	Litter traits	Reproduction traits
18264	15	mummified pigs	Litter traits	Reproduction traits
22961	15	Litter weight total	Litter traits	Reproduction traits
22960	15	Litter weight total	Litter traits	Reproduction traits
31894	15	Corpus luteum number	Litter traits	Reproduction traits
31891	15	Corpus luteum number	Litter traits	Reproduction traits
170933	15	Total number born alive	Litter traits	Reproduction traits
18111	15	Number of stillborn	Litter traits	Reproduction traits
31895	15	Corpus luteum number	Litter traits	Reproduction traits
57518	15	Number of stillborn	Litter traits	Reproduction traits
57531	15	Number of stillborn	Litter traits	Reproduction traits
18233	15	Total number born	Litter traits	Reproduction traits
22918	15	Total number born	Litter traits	Reproduction traits
22959	15	Litter weight total	Litter traits	Reproduction traits
18152	15	Gestation length	Reproductive traits	Reproduction traits
96083	15	Age at puberty	Reproductive traits	Reproduction traits
160686	15	Sperm abnormality rate	Reproduction traits	Reproduction traits
37467	15	Teat number	Reproductive organ	Reproduction traits
126593	15	Teat number difference between sides	Reproductive organ	Reproduction traits
126698	15	Left teat number	Reproductive organ	Reproduction traits
126685	15	Left teat number	Reproductive organ	Reproduction traits
126684	15	Teat number difference between sides	Reproductive organ	Reproduction traits

ID QTL	SSC	Trait	Class	Group
23016	15	Body weight birth	Growth	Production traits
23015	15	Body weight birth	Growth	Production traits
23014	15	Body weight birth	Growth	Production traits
23013	15	Body weight birth	Growth	Production traits
170898	15	Days to 100 kg	Growth	Production traits
139170	15	Days to 110 kg	Growth	Production traits
167229	15	Cooking yield	Texture	Meat and carcass trait
167230	15	Drip loss	Texture	Meat and carcass trait
167228	15	pH 24 hr post-mortem loin	pH	Meat and carcass trait
32130	15	P+44:93almitic acid content	Fatty acid content	Meat and carcass trait
32094	15	Myristic acid content	Fatty acid content	Meat and carcass trait
32131	15	Palmitic acid content	Fatty acid content	Meat and carcass trait
65140	15	Lean meat percentage	Fatness	Meat and carcass trait
29599	15	Intramuscular fat content	Fatness	Meat and carcass trait
147273	15	Intramuscular fat content	Fatness	Meat and carcass trait
125487	15	Intramuscular fat content	Fatness	Meat and carcass trait
65145	15	Fat weight total	Fatness	Meat and carcass trait
65142	15	Fat percentage in carcass	Fatness	Meat and carcass trait
65138	15	Fat percentage in carcass	Fatness	Meat and carcass trait
121913	15	Backfat between 3rd and 4th last ribs	Fatness	Meat and carcass trait
121911	15	Backfat between 3rd and 4th last ribs	Fatness	Meat and carcass trait
135764	15	Backfat at rump	Fatness	Meat and carcass trait
170629	15	Average backfat thickness	Fatness	Meat and carcass trait
65144	15	Fat weight total	Fatness	Meat and carcass trait
65141	15	Lean meat percentage	Fatness	Meat and carcass trait
121777	15	Average backfat thickness	Fatness	Meat and carcass trait
65143	15	Lean meat percentage	Fatness	Meat and carcass trait
65147	15	Fat percentage in carcass	Fatness	Meat and carcass trait
65146	15	Lean meat percentage	Fatness	Meat and carcass trait

ID QTL	SSC	Trait	Class	Group
170646	15	Lean meat percentage	Fatness	Meat and carcass trait
147274	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
65139	15	Fat_weight_total	Fatness	Meat and carcass trait
135765	15	Backfat at last rib	Fatness	Meat and carcass trait
147278	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147283	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147284	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147285	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147286	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147287	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147288	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147289	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147290	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147291	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147292	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147293	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147282	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147281	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147280	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147279	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
135761	15	Backfat at first rib	Fatness	Meat and carcass trait
135763	15	Backfat at first rib	Fatness	Meat and carcass trait
135760	15	Intestinal fat weight	Fatness	Meat and carcass trait
135762	15	Backfat at rump	Fatness	Meat and carcass trait
135759	15	Shoulder_subcutaneous_fat_thickness	Fatness	Meat and carcass trait
147275	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147277	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
147276	15	Intramuscular_fat_content	Fatness	Meat and carcass trait
167231	15	muscle protein percentage	Chimistry	Meat and carcass trait

ID QTL	SSC	Trait	Class	Group
18662	15	indole laboratory	Chimestry	Meat and carcass trait
107331	15	Red_cell_distribution_width	Blood parameters	Health Traits
140329	15	PRRS_viral_load	Disease susceptibility	Health Traits
15128	15	Bilirubin level	Blood parameters	Health Traits
171144	15	Blood_urea_level	Blood parameters	Health Traits
64781	15	Thoracolumbar vertebra number	Conformation	Exterior traits
30994	15	Maternal infanticide	Behavioral	Exterior traits
64663	15	Lumbar vertebra number	Conformation	Exterior traits