

Appendix D - Summary of genome-wide association studies for selected articles and gene annotation. The number of SNPs/window was extracted from each article, as well as the respective chromosome (Chr), position in base pairs (bp) and candidate gene annotation.

Article (Publication Year)	Trait	Breed	Nº SNPs	Significant SNPs*	C hr	Start and end position (bp)	Candidate gene annotation	Updated candidate genes NCBI
SCHNEIDER, J. F. <i>et al.</i> (2012b)	Tamanho de leitegada (número total de nascidos)	Landrace- Duroc- Yorkshire	11	rs80857181-rs80792488	1	65859940-66008742		<i>FBXL4</i>
				rs80930310-rs80863768	1	81162933-81298640		<i>LOC110256965</i>
				rs80924552-rs80855587	1	166157100-166253306		<i>ITGA11; FEM1B</i>
				rs80861851-rs80790800	4	68405539-68526487		<i>TRIM55; CRH</i>
				rs327792482-rs80814124	4	119756297-119894490		<i>LOC102158069; MIR137</i>
				rs80796077-rs80911038	4	125520514-125634311		<i>HFMI</i>
				rs81446745-rs81257862	13	73484931-73681799		<i>DNAJC13; ACP3</i>
							5-SNP window (start to end)	<i>UROS; EDRF1; LOC102160213; LOC102160044; BCCIP</i>
				rs80820565-rs80938555	14	135029058-135138873		
				rs81451536-rs81451569	15	17425392-17511175		<i>TMEM163</i>
				rs81454802-rs81283437	15	17425392-17511175		<i>TMEM163</i>
LEE Jae-Bong <i>et al.</i> (2014)	Number of teats	F2 crossbreed (Landrace x native KNP pigs)	36	rs80999319-rs80856476	17	26793875-26936069		<i>SEC23B; LOC100524915; DTD1; LOC106506615</i>
				rs325548834	7	58684761 58734761	0,05 mb entre SNP	<i>ULK3; LMAN1L; SCAMP2; FAM219B; MPI; CPLX3; COX5A</i>
				rs80799165	7	55314681 55364681		

				<i>ANPEP;</i> <i>WDR93;</i> <i>MESP2;</i> <i>MESP1;</i> <i>LOC110261554</i>
rs80997276	7	55329208	55379208	<i>ANPEP;</i> <i>WDR93;</i> <i>MESP2;</i> <i>MESP1</i>
rs80998243	7	55350089	55400089	<i>ANPEP;</i> <i>WDR93;</i> <i>MESP2;</i> <i>AP3S2;</i> <i>MESP1;</i> <i>LOC110261554</i>
rs80850402	7	53527164	53577164	<i>MAN2A2;</i> <i>RCCD1;</i> <i>UNC45A;</i> <i>HDDC3;</i> <i>FES</i>
rs80892095	7	48887021	48937021	<i>LOC102167410; BCL2A1</i>
rs80941701	7	57228770	57278770	*NA
rs80980998	7	57618064	57668064	<i>HMG20A</i>
rs80956245	7	61362991	61412991	*NA
rs80927408	7	37089711	37139711	<i>CCND3; USP49; MED20; BYSL</i>
rs80866106	7	49676643	49726643	<i>CEMIP</i>
rs80938218	7	54303408	54353408	<i>LOC100156674;</i> <i>LOC100155069;</i> <i>LOC10015386;</i> <i>LOC100152264;</i>

			<i>LOC110261553</i>
rs80994093	7	49887262 49937262	<i>CFAP161; LOC106507704</i>
rs80978578	7	53934736 53984736	<i>CFAP100;</i>
			<i>KLF15;</i>
			<i>LOC102164647</i>
rs81313752	7	49488468 49538468	<i>ARNT2</i>
rs80812026	7	57859610 57909610	<i>LINGO1; LOC102167731</i>
rs80783136	7	56195091 56245091	<i>NRG4; FBXO22</i>
rs80866136	7	56540760 56590760	<i>SCAPER; ETFA; ISL2</i>
			<i>AP3B2;</i>
rs80835332	7	52220781 52270781	<i>LOC102161631;</i>
			<i>FSD2;</i>
			<i>MIR1839;</i>
			<i>LOC100158061</i>
rs80955430	7	49361905 49411905	<i>ARNT2</i>
			<i>LOC100736711;</i>
			<i>LOC102164116;</i>
rs80810505	7	54058179 54108179	<i>LOC100154265;</i>
			<i>LOC110261551;</i>
			<i>LOC110255284</i>
			<i>WDR93;</i>
			<i>PEX11A;</i>
rs80934579	7	55272636 55322636	<i>PLIN1;</i>
			<i>MESP1;</i>
			<i>LOC106510160;</i>
			<i>LOC110261554</i>
			<i>KLHDC3;</i>
rs80863194	7	38057569 38107569	<i>MEAI;</i>
			<i>CNPY3;</i>
			<i>CUL7;</i>

				<i>PPP2R5D</i> ; <i>PEX6</i> ; <i>PTCRA</i> ; <i>GNMT</i> ; <i>RRP36</i> ; <i>LOC110261528</i>
				<i>KLHDC3</i> ; <i>MEA1</i> ; <i>CNPY3</i> ; <i>PPP2R5D</i> ; <i>PEX6</i> ; <i>PTCRA</i> ; <i>GNMT</i> ; <i>RRP36</i> ; <i>TRNAN-AUU</i>
rs340724313	7	38040482	38090482	
rs80817645	7	25350432	25400432	<i>BMP5</i>
rs80952831	7	88788413	88838413	<i>PLEKHG3</i> ; <i>SPTB</i> ; <i>LOC102158547</i>
rs80973703	7	49209301	49259301	<i>ARNT2</i>
rs80928313	7	88927866	88977866	<i>SPTB</i>
rs81397554	7	25698413	25748413	<i>HMGCLL1</i>
rs80949993	7	27620599	27670599	<i>KHDRBS2</i>
rs80837737	7	89906066	89956066	<i>ZNF804A</i>
rs81002397	7	66235836	66285836	<i>NPAS3</i>
rs80786023	7	74216634	74266634	<i>LOC110261584</i>
rs80982314	7	27670833	27720833	<i>KHDRBS2</i>
rs323482957	7	26902445	26952445	<i>LRRC1</i>
rs81344373	7	27504926	27554926	<i>KHDRBS2</i>

ARAKAWA, A. <i>et al.</i> (2015)	Number of teats	Large White	29	rs80852727	1	7386032	9386032	<i>ZDHHHC14</i> ; <i>WTAP</i> ; <i>SYTL3</i> ; <i>SERAC1</i> ; <i>LOC100521937</i> ; <i>PNLDC1</i> ; <i>LOC102166961</i> ; <i>MAS1</i> ; <i>MRPL18</i> ; <i>SNX9</i> ; <i>GTF2H5</i> ; <i>LOC106506439</i> ; <i>LOC110259912</i> ; <i>EZR</i> ; <i>TMEM181</i> ; <i>LOC102157641</i> ; <i>IGF2R</i> ; <i>SOD2</i> ; <i>ACAT2</i> ; <i>TAGAP</i> . <i>DYNLT1</i> ; <i>SYNJ2</i> . <i>FNDC1</i> ; <i>TCP1</i> . <i>RSPH3</i> ; <i>TULP4</i> . <i>LOC106508800</i> . <i>LOC106508799</i> . <i>LOC106506437</i> . <i>LOC102162833</i> . <i>LOC102158869</i> . <i>LOC102158235</i> . <i>LOC110259909</i> . <i>LOC110259908</i> . <i>LOC110259904</i> . <i>LOC110259902</i> . <i>LOC110259896</i> . <i>LOC110259393</i>
				rs330524896	1	-	-	
				rs80944993	1	8698458	10698458	

1 mb upstream
downstream
of the SNP

rs81345239

5 307404 2307404

ARID1B;
ZDHC14;
SERAC1;
LOC110259919;
TMEM242;
SNX9.
GTF2H5.
LOC106506439.
LOC110259923.
LOC110259912.
LOC100153697.
MIR9857.
SYNJ2.
TULP4.
LOC106506437.
LOC102162833.
LOC110259916.
LOC110259915.
LOC110259913.
LOC110259909.
LOC110259908.
LOC110259904.
LOC110259393

PLXNB2;
DENND6B;
PPP6R2;
HDAC10;
MAPK11;
BRD1;
TRABD;
TUBGCP6;
IL17REL;
TTLL8;
ALG12;
TAF5;

rs81326091

2 4417371 6417371

MAPK12;
SELENOO;
CRELD2;
PIM3;
ZBED4.
MLC1.
MOV10L1;
PANX2.
LOC106506827

PPP6R3;
RCE1;
KMT5B;
C2H1orf80;
TMEM134;
DPP3;
PELI3;
SLC29A2;
ANKRD13D.
TBC1D10C.
GRK2.
KDM2A.
YIF1A.
BANF1.
KLC2.
ALDH3B1.
SF3B2.
LRP5.
LOC100522421.
SPTBN2.
BBS1.
SYT12.
NDUFS8.
TCIRG1.
CTSF.
RBM4.

CHKA.
GAL3ST3.
RPS6KB2.
RBM4B.
EIF1AD.
MRPL11.
C2H1orf24.
CNIH2.
LOC100739163.
RBM14.
CDK2AP2.
SART1.
BRMS1.
RAD9A.
SSH3.
DRAP1.
UNC93B1.
ACTN3.
C2H1orf68.
C2H1orf86.
CLCF1.
CARNS1.
CABP4.
AIP; LOC102167294.
LOC100514211.
LOC110259234.
NUDT8.
POLD4.
LOC102164445.
CATSPER1.
CCS; RAB1B.
CST6; NDUFV1.
CORO1B.
PPP1CA; ZDHHC24.
ACY3; CCD87.
RHOD; GPR152.

				<i>CABP2</i> ; <i>CD248</i> . <i>PACSI</i> ; <i>TMEM151A</i> . <i>RIN1</i> ; <i>NPAS4</i> . <i>B4GAT1</i> ; <i>TSGA10IP</i> . <i>PTPRCAP</i> ; <i>PITPNM1</i> ; <i>PC</i> . <i>LOC106509306</i> . <i>LOC106509302</i> . <i>LOC106509301</i> . <i>LOC102162815</i> . <i>LOC100739508</i> . <i>LOC100739273</i> . <i>LOC100738812</i> . <i>LOC100525027</i> ; <i>LRFN4</i> . <i>TBX10</i> ; <i>TRNAS-GCU</i> . <i>TRNAA-AGC</i> . <i>LOC110259301</i> . <i>LOC110259238</i> . <i>LOC110259237</i> . <i>LOC110259233</i> . <i>LOC110259231</i>
rs81212582	2	-		*NA <i>FNIP1</i> ; <i>CSF2</i> . <i>LOC110259477</i> . <i>LOC110259475</i> . <i>HINT1</i> ; <i>CHSY3</i> . <i>ADAMTS19</i> ; <i>MINAR2</i> . <i>MEIKIN</i> .
rs81223656	2	132387743	134387743	<i>LOC106509556</i> . <i>LOC102167059</i> . <i>LOC100519891</i> . <i>LOC110259478</i> . <i>LOC110259779</i> . <i>LOC110259474</i>

rs80790768	4	85750350	87750350	<p> <i>DDR2;</i> <i>HSD17B7;</i> <i>PBX1; NUF2;</i> <i>CCDC190;</i> <i>RGS4.</i> <i>LOC110260303.</i> <i>RGS5.</i> <i>LOC106507442.</i> <i>LOC100518120</i> </p> <p> <i>LOC110260796.</i> <i>LOC110260795.</i> <i>LOC110260794.</i> <i>SOCS2; CRADD.</i> <i>CEP83; TMCC3.</i> <i>PLXNC1.</i> <i>LOC110260797.</i> <i>NUDT4; MRPL42.</i> <i>UBE2N; EEA1.</i> <i>PLEKHG7.</i> <i>LOC106510422.</i> <i>LOC106510420.</i> <i>LOC102165817.</i> <i>LOC102158255.</i> <i>LOC102157618.</i> </p> <p> <i>LOC100738154.</i> <i>LOC100738114.</i> <i>LOC110260819.</i> <i>LOC110260818</i> </p> <p> <i>SOCS2; CRADD.</i> <i>CEP83; TMCC3.</i> <i>PLXNC1.</i> </p>
rs81386247	5	88340608	90340608	
rs81386275	5	88314959	90314959	

rs81237536

6 168413246 170413246

LOC110260797.
NUDT4.
MRPL42; UBE2N;
NDUFA12; EEA1;
PLEKHG7;
LOC106510422;
LOC106510420.
LOC102165817.
LOC102158255.
LOC102157618.
LOC100738154.
LOC100738114.
LOC110260819.
LOC110260818.
LOC110260796.
LOC110260795.
LOC110260794

SCMH1;
LOC102166622;
FOXJ3;
PPIH;
KCNQ4;
RIMKLA;
SVBP;
CTPS1;
PPCS;
P3H1;
ZNF691;
SLFNL1;
LOC106504280;
GUCA2B;
ZMYND12;
EDN2;
C6H1orf50;

rs80791280

7 99576091 101576091

SLC2A1;
GUCA2A;
CLDN19.
YBX1.
MIR4338.
CCDC30.
MIR9829;
HIVEP3.
ERMAP;
CITED4;
LOC110261249;
LOC106507678;
LOC106507677;
LOC106504286;
LOC10216643;
LOC102166304.
FOXO6.
LOC110261253.
LOC110261251.
LOC110261250.
LOC110261248

NRXN3; *GSTZ1*;
CIPC; *ADCK1*;
ESRRB; *TMED8*;
POMT2;
LOC106504512;
TMEM63C;
NOXRRED1;
ANGEL1; *SLIRP*;
ZDHHC22;
NGB;
AHSA1;
MIR9860;
SNW1;
VIPAS39.

rs80824040

7 99890616 101890616

ALKBH1;
SPTLC2;
ISM2.
VASH1;
LRRC74A;
IRF2BPL.
SAMD15.
LOC106504515.
LOC102167901.
LOC102167686;
LOC100628164.
LOC110261727

NRXN3; GSTZ1.
CIPC; ADCK1.
TMED8; POMT2.
LOC106504512.
TMEM63C; NOXRRED1.
ANGEL1.
SLIRP; ZDHHC22.
NGB; AHS1.
MIR9860; SNW1.
VIPAS39; SPTLC2.
ALKBH1; ISM2.
VASH1; LRRC74A.
IRF2BPL; SAMD15.
LOC106504515.
LOC102167901.
LOC102167686.
LOC100628164.
LOC110261727
NRXN3; GSTZ1; CIPC.
ADCK1; TMED8.
POMT2; LOC106504512; TMEM63C.
NOXRRED1; ANGEL1; SLIRP;
ZDHHC22.

				<i>NGB; AHS1; MIR9860; SNW1; VIPAS39; SPTLC2; ALKBH1; ISM2; VASH1; LRRC74A; IRF2BPL; SAMD15; LOC106504515; LOC102167901. LOC102167686; LOC100628164</i>
rs81225459	7	104438258	106438258	<i>LOC102165146. LOC100524506. LOC100152218. LOC110261728. LOC110261641</i>
rs320864456	7	104585946	106585946	<i>LOC102165146. LOC100524506. LOC100152218. LOC110261728. LOC110261641</i>
rs80849681	7	104990032	106990032	<i>LOC102165146; LOC100524506. LOC100152218; LOC110261728; LOC110261641</i>
rs81336887	8	-		*NA
rs81428885	10	7616271	9616271	<i>GPATCH2. TGFB2. LOC102164422. SPATA17; LYPLAL1; RRP15. EPRS1; SLC30A10. LOC106507893. LOC106504448.</i>

				<p> <i>LOC106504446.</i> <i>TRNAF-GAA.</i> <i>LOC110255735.</i> <i>LOC110255627;</i> <i>LOC110255626</i> </p>
				<p> <i>B3GALNT1; SPTSSB.</i> <i>SMC4; NMD3.</i> <i>PPM1L; KPNA4; IFT80.</i> <i>TRIM59.</i> <i>LOC110256326.</i> <i>MIR15B.</i> <i>LOC100514494.</i> <i>MIR16-1; IL12A;</i> <i>ARL14;</i> <i>LOC106507994.</i> <i>LOC106507993.</i> <i>LOC100623012.</i> <i>LOC100514323.</i> <i>C13H3orf80.</i> <i>LOC110256338.</i> <i>LOC110256328</i> </p>
rs80998689	13	99056990	101056990	
				<p> <i>SEMA4D; SECISBP2;</i> <i>LOC106505879;</i> <i>SHC3; DIRAS2;</i> <i>LOC110256773; NXNL2;</i> <i>LOC102165122.</i> <i>SPIN1; GADD45G.</i> <i>CKS2; S1PR3.</i> <i>LOC106508052.</i> <i>LOC106505876.</i> <i>LOC106505875.</i> <i>LOC110256887.</i> <i>LOC110256762;</i> </p>
rs80927945	14	86794	2086794	

			<p><i>LOC110256747.</i> <i>LOC110256681.</i> <i>LOC110256656.</i> <i>LOC110256643</i></p>
			<p><i>MKI67; PTPRE.</i> <i>CLRN3.</i> <i>NPS.</i> <i>DOCK1.</i> <i>INSYN2A.</i> <i>FOXJ2.</i> <i>LOC106506151.</i> <i>LOC110256831.</i> <i>LOC110256830.</i> <i>LOC110256829.</i> <i>LOC110256783</i></p>
rs80967061	14	136125011 138125011	<p><i>LOC106509653;</i> <i>FBXO25; CLN8;</i> <i>DLGAP2; TDRP;</i> <i>NIPA2; TUBGCP5;</i> <i>ERICH1; IMP4.</i> <i>PTPN18.</i> <i>LOC110257074.</i> <i>ARHGEF10; MYOM2.</i> <i>CCDC115.</i> <i>CYFIP1; KBTBD11.</i> <i>LOC106509644.</i> <i>LOC100521754;</i> <i>NIPA1.</i> <i>TRNAE-UUC.</i> <i>LOC110257117;</i> <i>LOC110257058;</i> <i>LOC110256907</i></p>
rs81452440	15	31857948 33857948	
rs81327823	15	119165618 121165618	<p><i>CXCR2; USP37;</i></p>

rs80916624

15 119322912 121322912

*PNKD; ZNF142;
PLCD4; CTDSP1;
PRKAG3;
SLC11A1; IHH.
RNF25.
BCS1L; GPBAR1.
LOC106506361.
SLC23A3; LOC100515345.
ARPC2.
AAMP; TNS1.
CYP27A1; VIL1.
CATIP.
TTLL4; WNT10A.
CDK5R2; WNT6.
CRYBA2; STK36.
RUFY4; CFAP65.
CNOT9; TMBIM1.
LOC106506368.
LOC102162937.
FEV; PLCD4.
NHEJ1;
LOC110257197;
LOC110257097*

*DNAJB2.
CXCR2.
ATG9A.
USP37.
PNKD.
ZNF142.
PLCD4.
CTDSP1.
CNPPD1.
PRKAG3.
RETREG2.*

rs81330096

16 25576665 27576665

GLB1L.
SLC11A1.
ZFAND2B.
IHH.
RNF25.
BCS1L; GPBAR1.
LOC106506361.
STK16; SLC23A3.
LOC100515345.
LOC100158003.
ARPC2; AAMP.
TNS1;
ABCB6; CYP27A1;
VILI; ANKZF1;
CATIP; TUBA4A;
TTLL4; WNT10A;
CDK5R2; WNT6;
CRYBA2; STK36;
RUFY4; CFAP65;
CNOT9; TMBIM1;
LOC106506368;
LOC102162937;
FEV;
PLCD4;
NHEJ1;
LOC110257197;
LOC110257097;
LOC110257085

GHR;
LOC106506477;
PRKAA1;
PLCXD3;
OXCT1;
TTC33;
FBXO4;

rs81335705

16 26154104 28154104

LOC106506475;
CARD6; C7; RPL37;
SELENOP; C6;
PTGER4;
CCDC152;
C16H5orf51;
MROH2B;
LOC106505886;
LOC106505880;
LOC102164766;
LOC102159992;
LOC110257294

GHR;TMEM267;
ZNF131;
LOC106506477;
PAIP1;
HMGCS1;
PLCXD3;
OXCT1;
FBXO4;
LOC110257240;
LOC106508158;
CCL28;
LOC100523870;
SELENOP;
C16H5orf34;
NIM1K;
CCDC152;
C16H5orf51;
LOC106508153;
LOC106508151;
LOC106505886;
LOC106505880;
LOC102164766;

rs81308319

16 26155685 28155685

LOC102162264;
LOC102162000;
LOC102162127;
LOC102159340;
LOC102159225;
ANXA2R;
LOC110257338;
LOC110257337;
LOC110257336;
LOC110257241;
PRKAA1; PLCXD3;
OXCT1; TTC33;
FBXO4;
LOC106506475;
CARD6; C7; RPL37;
SELENOP;
C6; PTGER4;
CCDC152;
C16H5orf51;
MROH2B;
LOC106505886;
LOC106505880;
LOC102164766;
LOC102159992;
LOC110257294

GHR;TMEM267;
ZNF131;
LOC106506477;
PAIP1; HMGCS1;
PLCXD3; OXCT1;
FBXO4;
LOC110257240;
LOC106508158;
CCL28; LOC100523870;

SELENOP;
C16H5orf34;
NIM1K; CCDC152;
C16H5orf51;
LOC106508153;
LOC106508151;
LOC106505886;
LOC106505880;
LOC102164766;
LOC102162264;
LOC102162000;
LOC102162127;
LOC102159340;
LOC102159225;
ANXA2R;
LOC110257338;
LOC110257337;
LOC110257336;
LOC110257241

MED7;
TIMD4;
CYFIP2;
SGCD;
ADAM19;
HAVCR2;
FAM71B;
CLINT1;
FNDC9;
SOX30;
HAVCR1;
THG1L;
ITK;
NIPAL4;
LSM11;
LOC110257284;

rs81461438

16 65439144 67439144

LOC110257243;
LOC110257242

SELL- KUBIAK, E. <i>et al.</i> (2015)	Litter size (total number of births)	Large White	rs80787893	1	14837534	14901534	32 kbp around SPN	<i>ZBTB2; RMND1</i>
			rs80912860	1	164605575	164669575		<i>SMAD6</i>
			rs80956812	1	164642664	164706664		<i>SMAD6</i>
			rs81385465	5	4099296	4163296		<i>FAM118A; KIAA0930; UPK3A</i>
			rs81317149	8	127058631	127122631		<i>GRID2</i>
			rs80989787	11	23330846	23394846		*NA
			rs81289355	11	23378214	23442214		<i>ENOX1</i>
			rs81441751	13	182419198	182483198		*NA
			rs81471381	18	53640799	53704799		<i>SUGCT</i>
			rs332595701	18	53665787	53729787		<i>SUGCT</i>
								<i>LDLRAD3; LOC102163604;</i>
			rs81334204	2	24838278	24902278		<i>COMMD9</i>
			rs81246770	3	27684152	27748152		<i>LOC110259922</i>
			rs322798993	7	38227165	38291165		<i>CUL9; DNPH1; TTBK1</i>
			rs80967111	7	16529623	16593623		<i>CDKAL1</i>
			rs81477531	3	22591689	22655689		<i>UBFD1; PALB2;</i> <i>EARS2; NDUFAB1</i>
			rs81284839	3	22602887	22666887		<i>UBFD1; PALB2;</i> <i>EARS2; NDUFAB1</i>
			rs81262581	15	330553175	30617175		<i>GLI2</i>
VERARDO, L, L. <i>et al.</i> (2015)	Number of teats	Piau/Large White/Landrace and Pietran cross (F1/F2)	rs80866387	1	19305798	19355798	A SNP in its sequence or up to 2500 bp before the start or after the gene ends	*NA
			rs81354626	1	66945456	66995456		<i>LOC100515111</i>
			rs80948642	1	-	-		-
			rs80833195	1	216407260	216457260		*NA
			rs80854009	1	269445717	269495717		<i>LOC110256380; IER5L;</i> <i>LOC106509274</i>
			rs80839853	4	32043390	32093390		*NA
			rs80880668	4	76992214	77042214		<i>LOC110260482</i>

			rs80962651	4	102482195	102532195	<i>LOC110260334</i>
			rs80814877	4	104547413	104597413	<i>MAB21L3;</i> <i>LOC106510188;</i> <i>LOC102165891</i>
			rs80880920	4	117821324	117871324	<i>RTCA</i>
			rs80928470	7	26476975	26526975	<i>TINAG</i>
			rs80885012	7	113590903	113640903	<i>ATXN3; TRIP11</i>
			rs80885012	7	-		-
			rs80887381	7	-		-
			rs81401181	8	71488132	71538132	<i>LOC106504694;</i> <i>PPEF2;</i> <i>LOC106504695</i>
			rs80974153	17	12336530	12386530	*NA
			rs80961140	17	27605468	27655468	*NA
			rs80786594	17	38362643	38412643	<i>MYH7B;</i> <i>MIR499;</i> <i>TRPC4AP</i>
			rs80832318	x	-		-
VERARDO, L.L. <i>et al.</i> (2016a)	Number of teats	Large White and Landrace	rs81315654	2	61597255	61661255	<i>LOC100525859; LOC100525684;</i> <i>LOC100525507; LOC100525329</i>
			rs81359543	2	62422603	62486603	<i>LOC100523537; LOC100628051;</i> <i>SYDE1; ILVBL</i>
			rs81313662	3	117576131	117640131	<i>HS1BP3; GDF7; LOC102157748</i>
			rs80927102	4	65446975	65510975	<i>SLCO5A1</i>
			rs80941360	4	65460314	65524314	<i>SLCO5A1</i>
			rs81289055	6	4908996	4972996	*NA

41

32 kb around
each SNP

rs81391450	6	129951927	130015927	*NA
rs326585396	6	132097602	132161602	ADGRL2
rs330537172	7	23200354	23264354	MDC1; PPP1R18; FLOT1; DHX16; NRM; TUBB2A
rs80970707	7	34867140	34931140	KIF6
rs80915173	7	35303003	35367003	MOCS1; LOC106504403; LOC110261518
rs80914674	7	97115161	97179161	PTGR2; LOC106507741; MIDEAS
rs80894106	7	97620632	97684632	SYNDIG1L; VRTN
rs81396056	7	97700109	97764109	LTBP2; NPC2; ISCA2
rs338741094	7	97720476	97784476	LTBP2; NPC2; ISCA2
rs80804788	7	98123866	98187866	RPS6KL1; PGF
rs80937353	7	98476334	98540334	LOC110261758
rs81317665	7	98563714	98627714	JDP2; LOC110261758
rs81477007	8	39637734	39701734	*NA
rs81275887	8	76174001	76238001	ARFIP1
rs81401729	8	79386372	79450372	IQCM
rs81401737	8	79422173	79486173	*NA
rs81408870	9	32106847	32170847	PGR
rs81269393	9	112563729	112627729	*NA
rs81330805	10	4747773800	47837800	FRMD4A
rs81251994	10	447776917	47840917	FRMD4A
rs81287524	10	47870144	47934144	FRMD4A
rs81427656	10	66031807	66095807	LOC110255727
rs81312218	10	66404419	66468419	LOC102168177; LOC100624137
rs80986627	11	74176836	74240836	EFNB2

			rs81435490	12	42941537	43005537		<i>CRLF3; SUZ12</i>
			rs81325121	12	51216940	51280940		<i>CA3; LOC100154871</i>
			rs81455614	15	129131734	129195734		<i>CCL20</i>
			rs80869132	15	134255954	134319954		<i>SPP2; TRPM8</i>
			rs81478953	15	134785758	134849758		*NA
			rs81297657	16	33828440	33892440		*NA
			rs81471668	18	13090721	13154721		*NA
			rs81468453	18	8468155	8532155		<i>TMEM178B</i>
			rs81319271	18	45123001	45187001		<i>LOC106506835</i>
			rs81297251	18	-			-
			rs81311388	18	46270096	46334096		<i>LOC110257621; LOC110257554</i>
VERARDO, L.L. <i>et al.</i> (2016b)	Number of teats	Large White	rs80803106	1	88815181	88880181		*NA
			rs81356964	2	31537121	31602121		<i>LOC106509388</i>
			rs81356978	2	31627706	31692706		*NA
			rs81357308	2	36938072	37003072		*NA
			rs81245977	2	37085207	37150207		<i>SLC17A6; LOC110259289</i>
			rs80863327	7	27074591	27139591		<i>LOC102166539; KLHL31</i>
			rs80793059	7	27189285	27254285	32,5 kb around each SNP	<i>GCLC; LOC102166539</i>
			rs81261651	7	27353932	27418932		<i>KHDRBS2; LOC110261505</i>
			rs80792311	7	27486766	27551766		<i>KHDRBS2</i>
			rs80949993	7	27588099	27653099		<i>KHDRBS2</i>
			rs80901567	7	27675275	27740275		<i>KHDRBS2</i>
			rs80840372	7	27707281	27772281		*NA
			rs80813545	7	27732868	27797868		*NA
			rs80832123	7	27793707	27858707		<i>KHDRBS2</i>
			rs339631026	7	27854252	27919252		<i>KHDRBS2</i>
		64						

rs81397595	7	28083345	28148345	*NA
rs80939400	7	28407398	28472398	*NA
rs80841221	7	85093360	85158360	<i>LOC100627536</i>
rs80914674	7	97114661	97179661	<i>PTGR2; LOC106507741; MIDEAS</i>
rs80894106	7	97620132	97685132	<i>SYNDIGIL; VRTN</i>
rs81238639	7	9791416	97979166	<i>AREL1; FCF1; YLPM1</i>
rs80864705	7	97921758	97986758	<i>AREL1; FCF1; YLPM1</i>
rs80929215	7	97941360	98006360	<i>FCF1; YLPM1</i>
rs80813473	7	98034411	98099411	<i>YLPM1; PROX2; DLST</i>
rs80836267	7	98056786	98121786	<i>RPS6KL1; PROX2; DLST</i>
rs344583258	7	-	-	-
rs80804788	7	98123366	98188366	<i>RPS6KL1; PGF</i>
rs80846252	7	98231673	98296673	<i>ACYP1; EIF2B2; ZC2HC1C; NEK9</i>
rs81317665	7	98563214	98628214	<i>JDP2; LOC110261758</i>
rs80824792	7	99146975	99211975	<i>IFT43; TGFB3</i>
rs81273304	8	447836097	47901097	<i>FNIP2</i>
rs81400416	8	47891160	47956160	*NA
rs81400419	8	47921194	47986194	*NA
rs81400447	8	48040699	48105699	<i>LOC110262100</i>
rs81336012	8	48064051	48129051	<i>LOC110262100</i>
rs81400451	8	48097641	48162641	<i>LOC110262100</i>
rs81262192	8	51012483	51077483	<i>FSTL5</i>
rs81400568	8	52426298	52491298	*NA
rs81400566	8	52448208	52513208	<i>MARCHF1</i>
rs81400563	8	52527516	52592516	*NA
rs81400572	8	52793395	52858395	<i>MARCHF1</i>
rs81400579	8	52853952	52918952	<i>MARCHF1</i>
rs81400596	8	53329250	53394250	<i>LOC110261948</i>

rs81400593	8	53329250	53394250	<i>LOC110261948</i>
rs81400590	8	53277753	53342753	<i>LOC110261948</i>
rs81400598	8	53389002	53454002	*NA
rs81400604	8	53348419	53413419	*NA
rs81268940	8	53707300	53772300	<i>LOC100519853; LOC102159863; APELA</i>
rs320830229	8	55056953	55121953	<i>LOC102165777</i>
rs81400676	8	54966094	55031094	<i>NMU</i>
				<i>CLOCK;</i>
				<i>PDCL2;</i>
				<i>NMU;</i>
rs81400677	8	54894462	54959462	<i>LOC102166140</i>
				<i>TMEM165;</i>
				<i>LOC100523077;</i>
				<i>LOC110262103</i>
rs81400688	8	54710618	54775618	
rs81237575	8	63165975	63230975	*NA
rs81347727	8	64883083	64948083	*NA
rs81288680	8	64878646	64943646	*NA
rs81274118	8	64802707	64867707	*NA
rs81330376	8	64802269	64867269	*NA
rs81329315	8	64910064	64975064	*NA
rs81436058	12	48481285	48546285	<i>METTL16; MNT</i>
rs81436069	12	48559344	48624344	<i>METTL16; PAFAH1B1</i>
rs81222394	12	48687215	48752215	<i>CLUH; PAFAH1B1</i>
rs81436118	12	48779298	48844298	<i>RAP1GAP2; LOC106507972; LOC102165602</i>
rs328962961	12	53454025	53519025	<i>RANGRF; ODF4; SLC25A35; CTC1; ARHGEF15; PFAS</i>
rs80861740	14	41140136	41205136	*NA

CHALKIAS, H. <i>et al.</i> (2017)	Number of teats	Yorkshire	rs81305262	6	17503028	17567028	32 kb around each SNP	CYB5B; LOC110261099
			rs81324044	6	17548878	17612878		CYB5B; TERF2
			rs81235831	8	16633466	16697466		ADGRA3
			rs81401083	8	69772705	69836705		LOC102166306; RASSF6
			rs80833401	8	70004824	70068824		LOC100525396; AMCF-II; PPBP;
			rs81216908	8	68314526	68378526		LOC100520680
			rs81477568	10	56705409	56769409		LOC110262121; GC
			rs81443715	13	1999238	2063238		LOC110255705
			rs80866528	14	130740924	130804924		COL6A5; LOC100515797;
			rs81449961	14	133053632	133117632		LOC110256549
WANG, Y. <i>et al.</i> (2018)	Litter size (total number of births)	Large White	rs328177895	2	-	-	1,0 Mb of SNPs	-
			rs334867206	3	42312168	44312168		WNK2; ZNF169; PTPDC1; IL1B1; SUSD3; IL1A; TMEM87B; BARX1; CARD19; FGD3; IPPK; PHF2; FAM120A; MIRLET7D; TTL; SLC20A1; ZC3H8; CKAP2L; BICD2; NINJ1; MIRLET7F-2; MIRLET7A-2; CHCHD5; FBLN7; POLR1B; ZC3H6; NT5DC4; LOC106509726;

LOC102160788;
LOC102158199;
LOC110260134;
LOC110260115;
LOC110260114;
LOC110259964;
LOC110259963

MIRLET7A-2; CHCHD5;
FBLN7; MERTK;
POLR1B; ZC3H6; NT5DC4;
LOC106509726;
LOC102160788; LOC102158199;
LOC110260134;
LOC110260115;
LOC110260114;
LOC110259964;
LOC110259963;
MIRLET7F-2; NINJ1;
CKAP2L; ZC3H8;
SLC20A1; TTL;
MIRLET7D;
FAM120A; PHF2;
FGD3; CARD19; BARX1;
TMEM87B; IL1A;
SUSD3; IL1B1; PTPDC1;
ZNF169; WNK2

rs319494663 3 42463318 44463318

rs81471172 18 -

BTB; ANKRD28;
COL6A5; METTL6;
ASTE1; NEK11;
HACL1; PIK3R4;
MRPL3; EAF1;
COLQ; SH3BP5;
COL6A6; ATP2C1;
NUDT16;

ZHOU, L. <i>et al.</i> (2019)	Number of teats	Sushan							
			2	rs80873745	13	1005953	3005953	1 mb upstream downstream of the SNP	

LOC100739656;
CAPN7;
LOC100517188;
LOC100515797;
LOC100153897;
LOC110256549;
LOC110256531

RAB9A; FRMPD4;
TLR8; TCEANC;
GPM6B; GEMIN8;
OFD1; LOC110257754;
TLR7; TMSB4X;
LOC106506896;
LOC110257809;
LOC110257745;
LOC110257721;
LOC110257650;
TRAPPC2; PRPS2;
LOC106506899;
LOC106506895;
EGFL6; LOC100737464;
LOC100511794;
LOC100157657;
LOC110257839

NAA20; CFAP61;
CRNKL1; RIN2;
SLC24A3 ; INSM1;
LOC100623534;
LOC110257358
ZDHC14; SYTL3;
SERAC1; SNX9; GTF2H5;
LOC106506439;
LOC110259912;
TMEM181; DYNLT1;

JIANG, Y. <i>et al.</i> (2020)	Litter size (total number of births)	Yorkshire	rs336814005	X	1005953	3005953	0.5 Mb upstream and downstream of the SNP
			rs80809156	17	27384015	28384015	
	40						
			rs337636958	1	8532844	9532844	

				<i>SYNJ2; TULP4; LOC106506437; LOC102162833; LOC110259909; LOC110259908; LOC110259904; LOC110259393</i>
				<i>LUZP1; EPHB2; HTR1D; KDM1A; WNT4; LOC110261111; C1QA; C1QB; C1QC; ZBTB40; LACTBL1; TEX46; EPHA8; LOC102165262; LOC110261435; LOC110261112</i>
rs81264731	6	80117330	81117330	
				<i>LOC110260289; TOX; CA8; LOC110260287; LOC110260288</i>
rs326956992	4	72928123	73928123	
				<i>LOC100518644; LOC407246; LOC106509350; LOC106509349; LOC106509347; LOC106509346; LOC106509345; LOC106504186; LOC102160176; LOC100628183; LOC100738151;</i>
rs81341731	2	12342137	13342137	

rs80854359

5

9363427 10363427

LOC100623017;
LOC100620388;
LOC100620101;
LOC100519351;
LOC100519009;
LOC100519181;
LOC100518292;
LOC100514563;
LOC100514032;
LOC100513843;
LOC100513644;
LOC100513457;
LOC100513068;
LOC100512887;
LOC100512703;
LOC100512519;
LOC100512331;
LOC100512154;
LOC100511981;
LOC100511620;
LOC100511243;
TRNAV-UAC;
LOC110259547;
LOC110259471;
LOC110259258;
LOC110259257;
LOC110255246

LOC100523244;
CARD10;
PLA2G6;
C5H22orf23;
GGA1; PICK1;
KCNJ4;
DMC1;
TRIOBP;

				<i>TMEM184B;</i> <i>MAFF;</i> <i>LGALS1; EIF3L;</i> <i>GCAT; CDC42EP1;</i> <i>SOX10; LOC106510270;</i> <i>KDEL3;</i> <i>LGALS2;</i> <i>GALR3; NOL12;</i> <i>POLR2F;</i> <i>MICALL1;</i> <i>MFNG; FAM227A;</i> <i>PDXP;</i> <i>ANKRD54; SH3BP1;</i> <i>SLC16A8;</i> <i>BAIAP2L2;</i> <i>DDX17;</i> <i>LOC100510904;</i> <i>TRNAE-UUC;</i> <i>LOC110260647;</i> <i>LOC110260646</i>
rs326956992	4	72928123	73928123	<i>LOC110260289; TOX; CA8;</i> <i>LOC110260287; LOC110260288</i>
rs336953317	12	458968	541032	<i>RAB40B; WDR45B; FN3K; FN3KRP</i>
rs326629605	7	37474	1037474	<i>ERMARD;</i> <i>FAM120B;</i> <i>PHF10;</i> <i>THBS2;</i> <i>DLL1;</i> <i>WDR27;</i> <i>LOC110259816;</i> <i>MIR9815;</i> <i>CIH6orf120;</i> <i>PSMB1;</i> <i>DYNLT2;</i>

				<i>LOC106508781;</i> <i>LOC100624421;</i> <i>LOC110259818;</i> <i>LOC110259817;</i> <i>LOC110259815;</i> <i>LOC110259814;</i> <i>LOC110259813</i>
rs337636958	1	8532844	9532844	<i>ZDHHC14; SYTL3;</i> <i>SERAC1; SNX9;</i> <i>GTF2H5;</i> <i>LOC106506439;</i> <i>LOC110259912;</i> <i>TMEM181;</i> <i>DYNLT1;</i> <i>SYNJ2; TULP4;</i> <i>LOC106506437;</i> <i>LOC102162833;</i> <i>LOC110259909;</i> <i>LOC110259908;</i> <i>LOC110259904;</i> <i>LOC110259393</i>
rs80873337	7	38323945	39323945	<i>TJAP1; ENT1; POLH; VEGF;</i> <i>TMEM63B; CRIP3; MRPS18A;</i> <i>DLK2; YIPF3; LRRC73; ZNF318;</i> <i>MRPL14; ABCC10; SLC22A7;</i> <i>HSP90AB1; GTPBP2; POLR1C;</i> <i>RSPH9; MAD2L1BP; LOC110261531;</i> <i>LOC110261530; SLC35B2; XPO5;</i> <i>C7H6orf223; TMEM151B; CAPN11;</i> <i>TCTE1; AARS2; NFKBIE;</i> <i>LOC106504420; TRNAV-AAC</i>
rs80938016	1	500000	500000	*NA

rs81357084	2	32299355	33299355	<i>BDNF; BBOX1; LGR4; LOC110259287; CCDC34; LIN7C; KIF18A; LOC106509391; LOC106509390; LOC102165168; LOC110259286; LOC110259285</i>
rs81415077	9	104125702	105125702	<i>SRPK2; KMT2E; ORC5; LOC106504991; LHFPL3; LOC110262248; TRNAD-GUC STX18; ZBTB49; TMEM128; LOC110262052; MSX1; PNAS-5; NSG1; STK32B; CYTL1; DRD5; OTOP1; LOC110262054; LOC110262053; LOC110262001 LOC110255443; LOC110255445; LOC106507833; RNF26; OAF; C1QTNF5; LOC102161478; LOC102161840; MFRP; NECTIN1; POU2F3; TRIM29; THY1; TLCD5; LOC102161637; ARHGEF12; USP2</i>
rs81399251	8	5203865	6203865	<i>LOC100518109; LOC100518644; TMX2; CLP1; SERPING1; ZFP91; BTBD18; LDHB; MIR130A; LPXN; YPEL4; MED19; CNTF; SELENOH; LOC407246; LOC106509350; LOC106509349; LOC106509347; CTNND1; ZDHHC5;</i>
rs81331013	9	46537744	47537744	
rs81341731	2	12342137	13342137	

				LOC106509346; LOC106509345; LOC106504186; LOC102160176; LOC100738151; LOC100628183; LOC100620388; LOC100623017; LOC100620101; LOC100519351; LOC100519181; LOC100519009; LOC100518292; LOC100514563; LOC100514032; LOC100513843; LOC100513644; LOC100513457; LOC100513068; LOC100512887; LOC100512703; LOC100512519; LOC100512331; LOC100512154; LOC100511981; LOC100511620; LOC100511243; TRNAV-UAC; LOC110259547; LOC110259471; LOC110259258; LOC110259257; LOC110255246
rs81305039	12	115992539	232485078	*NA
rs80899356	14	125849106	126849106	GFRA1; ATRNL1;

				<i>PNLIPRP2;</i> <i>PNLIP; PNLIPRP3;</i> <i>CCDC172; PNLIPRP1</i>
				<i>EXOC2; DUSP22; IRF4;</i> <i>LOC106508466;</i> <i>LOC102158724;</i> <i>GMDS; LOC102157853;</i> <i>FOXC1; FOXF2;</i> <i>FOXQ1;</i> <i>LOC106504294;</i> <i>LOC106504293;</i> <i>LOC110261700;</i> <i>LOC110261699;</i> <i>LOC110261695</i>
rs326629605	7	37474	1037474	
				<i>TJAP1; ENT1; POLH;</i> <i>VEGF; TMEM63B;</i> <i>CRIP3; MRPS18A;</i> <i>DLK2; YIPF3; LRRC73;</i> <i>ZNF318; MRPL14;</i> <i>ABCC10; SLC22A7;</i> <i>HSP90AB1; GTPBP2;</i> <i>POLR1C; RSPH9;</i> <i>MAD2L1BP; LOC110261531;</i> <i>LOC110261530; SLC35B2;</i> <i>XPO5; C7H6orf223;</i> <i>TMEM151B; CAPN11;</i> <i>TCTE1; AARS2; NFKBIE;</i> <i>LOC106504420; TRNAV-AAC</i>
rs80873337	7	38323945	39323945	
rs80938016	1	500000	500000	*NA
				<i>LOC110260289;</i> <i>TOX;</i> <i>CA8;</i> <i>LOC110260287;</i>
rs326956992	4	72928123	73928123	

				<i>LOC110260288</i>
				<i>ZDHHC14; SYTL3;</i> <i>SERAC1; SNX9;</i> <i>GTF2H5; LOC106506439;</i> <i>LOC110259912;</i> <i>TMEM181; DYNLT1;</i> <i>SYNJ2; TULP4;</i> <i>LOC106506437;</i> <i>LOC102162833;</i> <i>LOC110259909;</i> <i>LOC110259908;</i> <i>LOC110259904;</i> <i>LOC110259393</i>
rs337636958	1	8532844	9532844	
				<i>CYRIA</i> <i>LUZP1; EPHB2;</i> <i>HTR1D; KDM1A;</i> <i>WNT4; LOC110261111;</i> <i>CIQA;</i> <i>CIQB;</i> <i>CIQC; ZBTB40;</i> <i>LACTBL1;</i> <i>TEX46; EPHA8;</i> <i>LOC102165262;</i> <i>LOC110261435;</i> <i>LOC110261112</i>
rs339807343	3	120370358	121370358	
				<i>SHC3; NXNL2; SPIN1; SIPR3;</i> <i>LOC106505876; LOC110256762</i>
rs81264731	6	80117330	81117330	
				<i>CTNND1;</i> <i>ZDHHC5;</i> <i>TMX2; CLP1;</i> <i>SERPING;</i> <i>SSRP1; BTBD18;</i>
rs335934013	14	282417	717583	

rs328148849	2	12643791	13643791	<i>LOC100739611;</i> <i>LDHB; SLC43A3;</i> <i>MIR130A;</i> <i>P2RX3;</i> <i>TIMM10;</i> <i>UBE2L6; YPEL4;</i> <i>MED19; RTN4RL2;</i> <i>SELENOH ;</i> <i>LOC407246;</i> <i>LOC100625180;</i> <i>LOC106509350;</i> <i>LOC106509349;</i> <i>LOC106509347;</i> <i>LOC106509346;</i> <i>LOC106504186;</i> <i>LOC100623017;</i> <i>LOC100620388;</i> <i>LOC100620101;</i> <i>LOC100519351;</i> <i>LOC100519181;</i> <i>LOC100519009;</i> <i>LOC100514563;</i> <i>LOC100514032;</i> <i>LOC100513843;</i> <i>LOC100513644;</i> <i>LOC100513457;</i> <i>LOC100513068;</i> <i>LOC100512887;</i> <i>LOC100512703;</i> <i>LOC100512519;</i> <i>LOC100512331;</i> <i>LOC100512154;</i> <i>LOC100511981;</i> <i>LOC100511620;</i> <i>LOC100511243;</i> <i>SLC43A1; SMTNLI;</i>

				<i>LOC110259262;</i> <i>TRNAM-CAU;</i> <i>TRNAV-UAC;</i> <i>LOC110259547;</i> <i>LOC110259265;</i> <i>LOC110259263;</i> <i>LOC110259258;</i> <i>LOC110259257;</i> <i>LOC110255246;</i> <i>LOC110255185</i>
rs81389667	6	92297244	93297244	<i>MAP7D1; LSM10;</i> <i>SH3D21; MRPS15;</i> <i>OSCP1; EVA1B;</i> <i>CSF3R; STK40;</i> <i>GRIK3; MIR9842;</i> <i>THRAP3;</i> <i>LOC106508711;</i> <i>LOC102167570</i>
rs81357078	2	32257436	33257436	<i>BDNF; BBOX1; LGR4;</i> <i>LOC110259287;</i> <i>CCDC34; LIN7C; KIF18A;</i> <i>LOC106509391;</i> <i>LOC106509390;</i> <i>LOC102165168;</i> <i>LOC110259286;</i> <i>LOC110259285</i>
rs81357084	2	32299355	33299355	<i>BDNF; BBOX1; LGR4;</i> <i>LOC110259287;</i> <i>CCDC34; LIN7C;</i> <i>KIF18A; LOC106509391;</i> <i>LOC106509390; LOC102165168;</i> <i>LOC110259286; LOC110259285</i>

rs81415077	9	104125702	105125702	<p><i>SRPK2; KMT2E; ORC5;</i> <i>LOC106504991;</i> <i>LHFPL3; LOC110262248;</i> <i>LOC106504991;</i> <i>TRNAD-GUC</i></p>
rs81399251	8	5203865	6203865	<p><i>STX18; ZBTB49; TMEM128;</i> <i>LOC110262052; MSX1;</i> <i>PNAS-5;</i> <i>NSG1; STK32B;</i> <i>CYTL1; DRD5;</i> <i>OTOP1; LOC110262054;</i> <i>LOC110262053;</i> <i>LOC110262001</i></p>
rs80873337	7	38323945	39323945	<p><i>TJAP1; ENT1; POLH;</i> <i>VEGF; TMEM63B;</i> <i>CRIP3; MRPS18A;</i> <i>DLK2; YIPF3;</i> <i>LRRC73;</i> <i>ZNF318; MRPL14;</i> <i>ABCC10; ZNF318;</i> <i>SLC22A7; HSP90AB1;</i> <i>GTPBP2;</i> <i>POLR1C; RSPH9;</i> <i>MAD2L1BP;</i> <i>LOC110261531;</i> <i>LOC110261530;</i> <i>SLC35B2; XPO5;</i> <i>C7H6orf223;</i> <i>TMEM151B;</i> <i>CAPN11; TCTE1;</i> <i>AARS2; NFKBIE;</i> <i>LOC106504420; T</i> <i>RNAV-AAC</i></p>

rs80899356	14	125849106	126849106	<p><i>GFRA1; ATRNL1; PNLIPRP2; PNLIP; PNLIPRP3; CCDC172; PNLIPRP1</i></p>
rs81264731	6	80117330	81117330	<p><i>LUZP1; EPHB2; HTR1D; KDM1A; WNT4; LOC110261111; CIQA; CIQB; CIQC; ZBTB40; LACTBL1; TEX46; EPHA8; LOC102165262; LOC110261435; LOC110261112</i></p>
rs335934013	14	282417	717583	<p><i>SHC3; NXNL2; SPIN1; SIPR3; LOC106505876; LOC110256762</i></p>
rs328148849	2	12643791	13643791	<p><i>LOC407246; LOC100625180; LOC106509350; LOC106509349; LOC106509347; LOC106509346; LOC106504186; LOC100623017; LOC100620388; LOC100620101; LOC100519351; LOC100519181; LOC100519009; LOC100514563; LOC100514032; LOC100513843; LOC100513644; LOC100513457; LOC100513068; LOC100512887; LOC100512703; LOC100512519; LOC110255185; LOC110255246; LOC110259257; LOC110259258; LOC110259263; LOC110259265; LOC110259547; TRNAV-UAC; TRNAM-CAU; LOC110259262; SMTNL1; SLC43A1; LOC100511243; LOC100511620; LOC100511981; LOC100512154; LOC100512331</i></p>

*MAP7D1; LSM10; SH3D21; MRPS15;
OSCP1; EVA1B; CSF3R; STK40;
GRIK3; MIR9842; THRAP3;
LOC106508711; LOC102167570*

*EXOC2; DUSP22; IRF4;
LOC106508466;
LOC102158724; GMDS;
LOC102157853;
FOXC1; FOXF2; FOXQ1;
LOC106504294;
LOC106504293; LOC110261700;
LOC110261699; LOC110261695*

*AREL1; ENTPD5;
LTBP2; PTGR2;
FCF1; LIN52;
SYNDIG1L; RPS6KL1;
BBOF1; VRTN; ZNF410;
YLPM1; PGF;
PROX2; ALDH6A1;
NPC2; DLST-tv1;
COQ6; ISCA2; ABCD4;
FAM161B; VSX2*

500 kb
between SNPs

*ACYP1; AREL1 ;ENTPD5;
LTBP2;FCF1;
EIF2B2; LIN52;
SYNDIG1L;RPS6KL1;
BBOF1; VRTN;
YLPM1;PGF;PROX2;
ZC2HC1C;ALDH6A1;
NPC2;
DLST-tv1;ISCA2;NEK9;
ABCD4;VSX2*

MOSCATELI,
G. *et al.*(2020)

Number of
teats

Large White

rs81389667

6

92297244

93297244

rs326629605

7

37474

1037474

rs80894106

7

97152632

98152632

rs81396078

7

97295647

98295647

rs80957264	7	97381096	98381096	<p> <i>ACYP1;ARELI; LTBP2;FCF1;EIF2B2; LIN52; SYNDIG1L;RPS6KL1 ; VRTN ;YLPM1; PGF;PROX2;ZC2HC1C; ALDH6A1;NPC2; DLST-tv1; ISCA2;NEK9;TMED10; ABCD4; VSX2</i> </p>
rs81375574	3	108457096	109457096	<p> <i>YPEL5; LBH; CAPN13; LCLAT1; ALK; L OC106509860; LOC100621347; LOC100621247; LOC100515775</i> </p>
rs80914674	7	96647161	97647161	<p> <i>NUMB; ENTPD5; PTGR2; LOC106507740; VRTN; LIN52; BBOF1; ZNF410; HEATR4; RIOX1; ALDH6A1; LOC106507741; COQ6; ABCD4; MIDEAS; FAM161B; DNALI; PNMA1; VSX2; ACOT6; LOC100158115; LOC110255332; LOC110255331</i> </p>
rs80804788	7	97655866	98655866	<p> <i>ACYP1;ARELI ;ENTPD5; LTBP2; FCF1;EIF2B2;LIN52;</i> </p>

JDP2; SYNDIG1L;
RPS6KL1; FOS; YLPM1;
PGF;PROX2;
ZC2HC1C; NPC2;
DLST; ISCA2; NEK9;
TMED10; LOC110261758;
LOC110261632

VRTN; BBOF1;
ACYP1;AREL1 ;ENTPD5;
LTBP2;FCF1;EIF2B2;
LIN52; JDP2;
SYNDIG1L;RPS6KL1;
ZNF410; YLPM1;
PGF; PROX2;
ALDH6A1; NPC2;
DLST;
COQ6; ISCA2

ACYP1; EIF2B2;
ERG28; JDP2; RPS6KL1;
LOC100624918; FOS;
PGF; ZC2HC1C;
DLST; FLVCR2; BATF;
NEK9; TMED10;
TTLL5; LOC110261758;
LOC110261634;
LOC110261632

NHSL1; LOC100621792;
ARFGEF3;
TNFAIP3; HEBP2;
PERP; OLIG3;
LOC106508840;
LOC100154647;
LOC110256938

ZHANWEI, Z. <i>et al.</i> (2020)	Number of teats	Duroc							
			94	rs81296766	1	25883644	26963644	540kb and 800kb on both sides of SNPs	

rs81396056

7 997232109 98232109

rs81317665

7 98095714 99095714

rs81353367	1	31658014	32738014	EPB41L2; AKAP7; ARG1; MED23; ENPP3; CCN2; ENPP1; SMLR1; LOC106508847; LOC106508846; LOC102160401
rs81354014	1	49092560	50172560	ADGRB3; LOC110260294; COL19A1; LMBRD1; LOC110256955
rs80808645	1	49497586	50577586	ADGRB3; LOC110260294; COL19A1; LMBRD1; LOC110256955; LOC100525845
rs80855587	1	165713306	166793306	MAP2K5; CORO2B; ANP32A; CLN6; ITGA11; LOC106509078; LOC110257006; CALML4; PIAS1; FEM1B; SKOR1; LOC106509076
rs80805477	1	247629556	248709556	ZNF462; LOC110256021; KLF4; LOC110256022; RAD23B ; LOC100523882; LOC100154893; LOC110256023
rs81315010	1	251276790	252356790	LPAR1; ECPAS; MUSK; LOC102160537;

				<i>TRX1</i> ; <i>LOC110256901</i> ; <i>TXNDC8</i> ; <i>SVEP1</i> ; <i>LOC100157583</i> ; <i>LOC100156374</i> ; <i>ZNF483</i> ; <i>LOC110259655</i>
rs81356579	2	26570325	27650325	<i>LOC110259281</i> ; <i>FBXO3</i> ; <i>CAPRIN1</i> ; <i>ABTB2</i> ; <i>C2H1orf91</i> ; <i>LOC106509385</i>
				<i>CIRBP</i> ; <i>PWWP3A</i> ; <i>ABCA7</i> ; <i>GAMT</i> ; <i>TMEM259</i> ; <i>STK11</i> ; <i>POLRMT</i> ; <i>PTB</i> ; <i>CBARP</i> ; <i>MED16</i> ; <i>ARHGAP45</i> ; <i>ARID3A</i> ; <i>PLK5</i> ; <i>ADAMTSL5</i> ; <i>REEP6</i> ; <i>NDUFS7</i> ; <i>GZMM</i> ; <i>MIER2</i> ; <i>LOC102162368</i> ; <i>MADCAM1</i> ; <i>BSG</i> ; <i>DAZAP1</i> ; <i>R3HDM4</i> ; <i>PRSS57</i> ; <i>PCSK4</i> ; <i>MIDN</i> ; <i>PLPP2</i> ; <i>PHGPx</i> ; <i>WDR18</i> ; <i>MISP</i> ; <i>EFNA2</i> ; <i>PALM</i> ; <i>LOC100517809</i> ; <i>RNF126</i> ; <i>FAM174C</i> ; <i>CFD</i> ; <i>KISS1R</i> ; <i>CNN2</i> ; <i>RPS15</i> ; <i>SBNO2</i> ; <i>POLR2E</i> ; <i>SHC2</i> ; <i>C2CD4C</i> ; <i>FGF22</i> ; <i>LOC102159224</i> ; <i>LOC102159383</i> ; <i>LOC102160393</i> ; <i>LOC106509468</i> ; <i>PLPPR3</i> ; <i>THEG</i> ;
rs330333016	2	76941598	78021598	

				<i>ELANE; AZU1; ATP5F1D; APC2; CDC34; HCN2; GRIN3B; C2H19orf25; FSTL3; PRTN3; ODF3L2; TPGS1; TRNAN-GUU; TRNAF-GAA; LOC110259384; LOC110259376; LOC110259375</i>
rs338630193	2	127207767	128287767	<i>LOC100512950; LOC102165655; ZNF608; LOC106509539; LOC100512217; LOC110259696; LOC110259462; LOC110259461; LOC110259460</i>
rs81314408	3	19854893	20934893	<i>HS3ST4</i>
rs81338014	3	31886287	32966287	<i>CLEC16A; CHITA; ATF7IP2; NUBP1; TVP23A; EMP2; GRIN2A; LOC110259936; DEXI; TEKT5; LOC106509696; LOC110260132; LOC110260110; LOC110259935</i>
rs318980859	4	1116978657	118058657	<i>CDC14A; TRMT13; LOC106508363; SASS6; EXTL2; DPH5; LRRC39; DBT; VCAM1; RTCA; SLC30A7; MFSD14A; SIPR1; GPR88; LOC106507458; LOC106507457; LOC102163888; LOC110260373; LOC110260372</i>

rs341491167	5	10339898	11419898	<p><i>ELFN2; KCTD17; PVALB; RAC2; NCF4; TEX33; TXN2; SSTR3; FOXRED2; TST; IL2RB; TMPRSS6; MPST; LOC102159397; LOC110260650; C1QTNF6; MYH9; MIR9819; IFT27; EIF3D; CACNG2; CYTH4; CSF2RB; LOC110260649</i></p>
rs328599079	5	75167707	76247707	<p><i>TMEM117 ; DBX2; NELL2; ANO6; LOC110260769; LOC110260768</i></p>
rs81395407	6	34500992	35580992	<p><i>ADCY7; ZNF423; TENT4B; BRD7; HEATR3; C6H16orf78; CNEP1R1 ; CBLN1; LOC110261351; LOC110260968; LOC110260966</i></p>
rs333592328	6	48725869	49805869	<p><i>COQ8B; CNFN; POU2F2; TGFB1; LIPE; TMEM145; MEGF8; PRR19; BCKDHA; DMAC2; NUMBL; SPTBN4; TMEM91; CEACAM1; CYP2A19; GSK3A; RAB4B; EXOSC5; ZNF526; CCDC97; C6H19orf54; MIA; PAFAH1B3; LOC102165015; SHKBP1; EGLN2; CYP2S1; DEDD2; CYP2B6B; SNRPA; AXL; CIC; CYP2B70P; ERICH4; CYP2G2; LTBP4; BLVRB; HNRNPUL1; ITPKC; CYP2F1; ERF; B3GNT8; B9D2; LOC106507592; LOC100738828; LOC100620675;</i></p>

				<p><i>LOC110261354; LOC110260992; LOC110260991; LOC110260989; LOC110260988</i></p>
rs81389632	6	89246916	90326916	<p><i>ZSCAN20; RNF19B; PHC2; AK2; ZNF362; LOC110261134; LOC110261133; AZIN2; A3GALT2; CSMD2; HMGB4; TRIM62; LOC106510647; LOC100522191; LOC110261135</i></p>
rs81391820	6	134258234	135338234	<p><i>FUBP; NEXN; PTGFR; GIPC2; DNAJB4; IFI44L; ADGRL4; IFI44; LOC106510698; LOC100511460; LOC110255241</i></p>
rs705289935	6	167728278	168808278	<p><i>PTPRF; TMEM125; MED8; C6H1orf210; TIE1; PPIH; ELOVL1; SZT2; HYI; SVBP; CDC20; P3H1; FAM183A; ZNF691; LOC106504280; SLC2A1; C6H1orf50; LOC110261247; CLDN19; YBX1; CCDC30; EBNA1BP2; MPL; ERMAP; LOC102158889; LOC100737983; LOC100737941; LOC100524382; LOC100524204; LOC100523256; LOC100523072; LOC100522147; LOC100521977; LOC100521802; LOC110261411; LOC110261246; LOC110261245; LOC110261244; LOC110261243</i></p>
rs80964371	7	92269231	93349231	<p><i>RAD51B; SUSDB; PLEKHD1; SLC39A9; DCAF5; EXD2; GALNT16; ZFP36L1;</i></p>

				<i>ERH; ACTN1; CCDC177; LOC106508572; LOC100513604; LOC110261624; LOC110261623; LOC110261622</i>
rs81420227	9	13919452	14999452	<i>LOC102160854; LOC100515156</i>
				<i>NAA16; ELF1; MTRF1; WBP4; RGCC; CNMD; LOC100155738; OLFM4; SUGT1; KBTBD7; VWA8; LOC100513753; LOC100513562; LOC100155826; LOC100154105; TRNAE-UUC; LOC110255821; LOC110255819</i>
rs81305437	11	25242658	26322658	
				<i>LOC102162395; LOC100519046; LOC100518329; PCDH20</i>
rs80809451	11	34384123	35464123	
				<i>RIMBP2; STX2; PIWIL1; ADGRD1; LOC110256876; RAN; TMEM132D; FZD10; LOC100514370; LOC100511596; LOC110256601</i>
rs345307243	14	24213992	25293992	
				<i>GLT1D1; SLC15A4; TMEM132C; LOC106505914; LOC110256729</i>
rs80848162	14	25927369	27007369	
rs80890762	14	68897518	69977518	<i>CTNNA3</i>
				<i>STN1; SH3PXD2A; ITPRIP; CFAP43; SORCS3; SLK; COL17A1; GSTO1; GSTO2; SFR1; CFAP58; LOC106506115; LOC100623931; LOC110256653</i>
rs321772507	14	114636455	115716455	

rs327004523	14	132996115	134076115	<i>CHST15; FAM53B; OAT; CPXM2; LHPP; NKX1-2; GPR26; LOC106508296; LOC102167106; TRNAE-UUC; LOC110256806; LOC110256802</i>
rs80794466	14	136966343	138046343	<i>LOC110256783; LOC110256829; LOC110256830; LOC110256831; LOC106506151; FOXI2; CLRN3; PTPRE; MKI67</i>
rs80957887	15	10787896	11867896	<i>LRP1B; LOC110257181; LOC110257178; LOC110257082</i>
rs333698977	15	129364530	130444530	<i>SPHKAP; PID1; DNER; LOC106508684; LOC106506390; LOC100621775</i>
rs81316660	16	26544056	27624056	<i>GHR; LOC106506477; OXCT1; FBXO4; SELENOP; CCDC152; C16H5orf51; LOC106505886; LOC106505880; LOC102159225</i>
rs81461904	16	68566054	69646054	<i>MFAP3; SAP30L; GALNT10; HAND1; GRIA1; FAM114A2; LOC110257270; LOC110257318; LOC110257317</i>
rs319134655	17	44251974	45331974	<i>PTPRT; CHD6; LOC110257470; LOC110257407; LOC106508477</i>
rs333890665	1	270814424	271894424	<i>PRRC2B; POMT1; NUP214; ABL1; LOC106507237; MED27; UCK1; FIBCD1; LOC102166638; LOC110256424; RAPGEF1; AIF1L; LAMC3; PLPP7; FAM78A; QRFP;</i>

				<i>PRRT1B; LOC106509275; LOC100625275; LOC110256425</i>
rs321500205	1	270842273	271922273	<i>PRRC2B; POMT1; NUP214; ABL1; LOC106507237; MED27; UCK1; FIBCD1; LOC102166638; LOC110256424; RAPGEF1; AIF1L; LAMC3; PLPP7; FAM78A; QRFP; PRRT1B; LOC106509275; LOC100625275; LOC110256425</i>
rs81363870	2	120600488	121680488	<i>SEMA6A; LOC106509534; LOC102165671; LOC110259775; LOC110259774</i>
rs344649466	3	5175228	6255228	<i>TRRAP; TMEM130; SMURF1; OCM; KPNA7; LMTK2; BRI3; LOC102163639; LOC110259849; LOC100516852; BAIAP2L1; BHLHA15; NPTX2; TECPRI; CCZ1; LOC106509632; LOC106509631; LOC106509627; LOC102160349; LOC110260074; LOC110259850; LOC110259848; LOC110259847; LOC110259846</i>
rs81384813	5	666181316	67261316	<i>LOC110260755; LOC102161833; CRACR2A; TEAD4; LOC106510360; PRMT8; TSPAN9; TULP3; RHNO1; PARP11; TSPAN11; FOXM1</i>
rs81384838	5	66194388	67274388	<i>FOXM1; TSPAN11; PARP11; RHNO1; TULP3; TSPAN9; PRMT8; LOC106510360; TEAD4; CRACR2A;</i>

				<i>LOC102161833; LOC110260755</i>
				<i>EFCAB14 ; TAL1; MKNK1; LOC100511937; TSPAN1; POMGNT1; FAAH; LOC110261234; CYP4A23; PDZK1IP1; MOB3C; ATPAF1; LOC100524873; CYP4X1; LOC110261235; LOC110255311; CYP4A21; CYP4A24; NSUN4; LRRC41; CYP4B1; TEX38; LURAP1; DMBX1; RAD54L; LOC106510728; LOC102164418; LOC100627844; LOC100627285; LOC100627093; KNCN; LOC110261409; LOC110261237; LOC110261236; LOC110255285</i>
rs324552394	6	164267745 165347745		
				<i>SYCP2L; NEDD9; MAK; TMEM170B; ELOVL2; TFAP2A; LOC100517166; C7H6orf52; MIR7136; SMIM13; LOC100152566; LOC110261774; LOC106504317; PAK1IP1; GCM2; LOC110255306; LOC106504315; LOC102157807; LOC100738622; LOC110261776; LOC110261775; LOC110261703; LOC110261702; LOC110261698</i>
rs80864749	7	7115911	8195911	
				<i>PHACTR1; TBC1D7; HIVEP1; EDN1; LOC106507349</i>
rs330783620	7	8614293	9694293	
				<i>NUMB; RGS6; DPF3; ZFYVE1; RBM25; PSEN1; DCAF4; PAPLN; LOC106507096; LOC106504509; LOC110261691; LOC110261630;</i>
rs80888936	7	95588654	96668654	

				<i>LOC110261629; LOC110261628</i>
rs324614194	7	95738617	96818617	<i>NUMB; RGS6; DPF3; ZFYVE1; RBM25; PSEN1; DCAF4; PAPLN; LOC106507096; LOC106504509; LOC110261691; LOC110261630; LOC110261629; LOC110261628</i>
rs331807204	7	96092217	97172217	<i>LOC110255331; LOC110261630; LOC100158115; LOC106504509; LOC110255332; ACOT6; DNAL1; MIDEAS; PNMA1; PAPLN; LOC106507741; RIOX1; HEATR4; DCAF4; PSEN1; RBM25; ZFYVE1; LOC106507740; DPF3; NUMB</i>
rs81265875	7	96120861	97200861	<i>NUMB; PTGR2; DPF3; LOC106507740; ZFYVE1; RBM25; PSEN1; ZNF410; DCAF4; HEATR4; RIOX1; LOC106507741; PAPLN; PNMA1; MIDEAS; DNAL1; ACOT6; LOC110255332; LOC106504509; LOC100158115; LOC110261630; LOC110255331</i>
rs329434246	7	96154364	97234364	<i>NUMB; PTGR2; DPF3; LOC106507740; ZFYVE1; RBM25; PSEN1; ZNF410; DCAF4; HEATR4; RIOX1; LOC106507741; PAPLN; PNMA1; MIDEAS; DNAL1; ACOT6; LOC110255332; LOC106504509; LOC100158115; LOC110261630; LOC110255331</i>
rs81396029	7	96187497	97267497	

				<i>NUMB; PTGR2; DPF3; LOC106507740; ZFYVE1; RBM25; PSEN1; ZNF410; DCAF4; HEATR4; RIOX1; LOC106507741; PAPLN; PNMA1; MIDEAS; COQ6; FAM161B ; DNAL1; ACOT6; LOC110255332; LOC106504509; LOC100158115; LOC110261630; LOC110255331</i>
rs81295281	7	96191838	97271838	<i>NUMB; ENTPD5; PTGR2; DPF3; LOC106507740; ZFYVE1; RBM25; PSEN1; ZNF410; DCAF4; HEATR4; RIOX1; LOC106507741; PAPLN; PNMA1; COQ6; MIDEAS; FAM161B ; ACOT6; LOC110261630; LOC100158115; LOC106504509; LOC110255332; LOC110255331; DNAL1</i>
rs81396040	7	96203525	97283525	<i>NUMB; ENTPD5; PTGR2; DPF3; LOC106507740; ZFYVE1; RBM25; PSEN1; ZNF410; DCAF4; HEATR4; RIOX1; LOC106507741; PAPLN; PNMA1; COQ6; MIDEAS; FAM161B; DNAL1; ACOT6; LOC110255332; LOC106504509; LOC100158115; LOC110261630; LOC110255331</i>
rs81227580	7	96246714	97326714	<i>NUMB; ENTPD5; PTGR2; DPF3; LOC106507740; ZFYVE1; BBOF1; RBM25; PSEN1; ZNF410; DCAF4; HEATR4; RIOX1; LOC106507741; PAPLN; PNMA1; COQ6; MIDEAS; FAM161B; DNAL1; ACOT6;</i>

				<p><i>LOC110255332; LOC106504509; LOC100158115; LOC110261630; LOC110255331</i></p>
rs81396043	7	96266775	97346775	<p><i>NUMB; ENTPD5; PTGR2; LOC106507740; LIN52; BBOF1; PSEN1; ZNF410; HEATR4; RIOX1; ALDH6A1; LOC106507741; PAPLN; PNMA1; COQ6; ABCD4; MIDEAS; FAM161B; DNAL1; VSX2; ACOT6; LOC110255332; LOC100158115; LOC110255331</i></p>
rs342685919	7	96508514	97588514	<p><i>NUMB; ENTPD5; PTGR2; LOC106507740; LIN52; BBOF1; VRTN; ZNF410; HEATR4; RIOX1; ALDH6A1; LOC106507741; PAPLN; PNMA1; COQ6; ABCD4; MIDEAS; FAM161B; DNAL1; VSX2; ACOT6; LOC110255332; LOC100158115; LOC110255331</i></p>
rs80843834	7	96569772	97649772	<p><i>NUMB; ENTPD5; PTGR2; LOC106507740; LIN52; BBOF1; VRTN; ZNF410; HEATR4; RIOX1; ALDH6A1; LOC106507741; PAPLN; PNMA1; COQ6; ABCD4; MIDEAS; FAM161B; DNAL1; VSX2; ACOT6; LOC110255332; LOC100158115; LOC110255331</i></p>
rs327357811	7	96586583	97666583	<p><i>ENTPD5; LTBP2; PTGR2; LOC106507740; LIN52; SYNDIG1L; BBOF1; VRTN; ZNF410; RIOX1; HEATR4; ALDH6A1; LOC106507741;</i></p>

				<i>PNMA1; NPC2; COQ6; ISCA2; ABCD4; MIDEAS; FAM161B; DNAL1; VSX2; ACOT6; LOC110255332; LOC100158115; LOC110255331</i>
rs80805264	7	96807282	97887282	<i>NUMB; ENTPD5; PTGR2; LOC106507740; LIN52; SYNDIG1L; BBOF1; VRTN; ZNF410; HEATR4; RIOX1; ALDH6A1; LOC106507741; PAPLN; PNMA1; COQ6; ABCD4; MIDEAS; FAM161B; DNAL1; VSX2; ACOT6; LOC110255332; LOC100158115; LOC110255331</i>
rs319296259	7	96586583	97666583	<i>SMAD2; ZBTB7C</i>
rs346287309	7	96854296	97934296	<i>AREL1; ENTPD5; LTBP2; PTGR2; LOC106507740; FCF1; LIN52; SYNDIG1L; BBOF1; VRTN; ZNF410; ALDH6A1; LOC106507741; PNMA1; NPC2; COQ6; ISCA2; ABCD4; MIDEAS; FAM161B; DNAL1; VSX2; ACOT6; LOC110255332; LOC110255331</i>
rs692640845	7	96887849	97967849	<i>AREL; ENTPD5; LTBP2; PTGR2; FCF1; LIN52; SYNDIG1L; BBOF1; VRTN; ZNF410; YLPM1; PROX2; ALDH6A; LOC106507741; PNMA1; NPC2; COQ6; ISCA2; ABCD4; MIDEAS; FAM161B; DNAL1; VSX2</i>
rs1113960993	7	97028284	98108284	<i>AREL; ENTPD5; LTBP2; PTGR2;</i>

				<i>FCF1; LIN52; SYNDIG1L; RPS6KL1; BBOF1; VRTN; ZNF410; YLPM1; PROX2; ALDH6A; LOC106507741; PNMA1; NPC2; DLST; COQ6; ISCA2; ABCD4; MIDEAS; FAM161B; DNAL1; VSX2</i>
rs330032123	7	97035068	98115068	<i>AREL; ENTPD5; LTBP2; PTGR2; FCF1; LIN52; SYNDIG1L; RPS6KL1; BBOF1; VRTN; ZNF410; YLPM1; PGF; PROX2; ALDH6A1; LOC106507741; NPC2; DLST; COQ6; ISCA2; ABCD4; MIDEAS; FAM161B; VSX2</i>
rs343248943	7	97044287	98124287	<i>AREL; ENTPD5; LTBP2; PTGR2; FCF1; LIN52; SYNDIG1L; RPS6KL1; BBOF1; VRTN; ZNF410; YLPM1; PGF; PROX2; ALDH6A1; LOC106507741; NPC2; DLST; COQ6; ISCA2; ABCD4; MIDEAS; FAM161B; VSX2</i>
rs80894106	7	97112632	98192632	<i>AREL; ENTPD5; LTBP2; PTGR2; FCF1; LIN52; SYNDIG1L; RPS6KL1; BBOF1; VRTN; ZNF410; YLPM1; PGF; PROX2; ALDH6A1; LOC106507741; NPC2; DLST; COQ6; ISCA2; ABCD4; MIDEAS; FAM161B; VSX2</i>
rs81238639	7	97406666	98486666	<i>ACYP1; AREL1; LTBP2; FCF1; EIF2B2; LIN52; SYNDIG1L; RPS6KL1; VRTN; YLPM1; PGF; PROX2; ZC2HC1C ; FOS; NPC2; DLST; ISCA2; NEK9;</i>

				<i>TMED10; ABCD4; VSX2; LOC110261632</i>
rs80864705	7	97414258	98494258	<i>ACYP1; AREL1; LTBP2; FCF1; EIF2B2; LIN52; SYNDIG1L; RPS6KL1; VRTN; YLPM1; PGF; PROX2; ZC2HC1C ; FOS; NPC2; DLST; ISCA2; NEK9; TMED10; ABCD4; VSX2; LOC110261632</i>
rs80929215	7	97433860	98513860	<i>ACYP1; AREL1; LTBP2; FCF1; EIF2B2; LIN52; SYNDIG1L; RPS6KL1; VRTN; YLPM1; PGF; PROX2; ZC2HC1C ; FOS; NPC2; DLST; ISCA2; NEK9; TMED10; ABCD4; VSX2; LOC110261632; LOC110261758</i>
rs80813473	7	97526911	98606911	<i>ACYP1; AREL1; LTBP2; FCF1; EIF2B2; JDP2; SYNDIG1L; RPS6KL1; VRTN; YLPM1; PGF; PROX2; ZC2HC1C ; FOS; NPC2; DLST; ISCA2; NEK9; TMED10; ABCD4; VSX2; LOC110261632;LOC110261758</i>
rs80836267	7	97549286	98629286	<i>ACYP1; AREL1; LTBP2; FCF1; EIF2B2; JDP2; SYNDIG1L; RPS6KL1; VRTN; YLPM1; PGF; PROX2; ZC2HC1C ; FOS; NPC2; DLST; ISCA2; NEK9; TMED10; ABCD4; VSX2; LOC110261632;LOC110261758</i>
rs80865802	7	101939725	103019725	<i>NRXN3; LOC110261693</i>
rs338075156	7	101973443	103053443	<i>NRXN3; LOC110261693</i>
rs80975884	7	102012105	103092105	<i>NRXN3; LOC110261693</i>

rs80822795	7	102118822	103198822	<i>NRXN3; LOC110261693; DIO2</i>
rs80795811	7	102569678	103649678	<i>NRXN3; CEP128; LOC110261693; DIO2; LOC100157061; LOC110255293</i>
rs80847916	7	102611323	103691323	<i>NRXN3; CEP128; LOC110261693; DIO2; LOC100157061; LOC110255293</i>
rs81401285	8	72086638	73166638	<i>LOC110262127; LOC110262128; LOC110262129; LOC110262130; LOC110262131; LOC110262132; LOC110262133; LOC100624092; LOC106504701; SOWAHB; CXCL13; SHROOM3; CCNI; CCNG2; CCDC158; SEPTIN11</i>
rs343488415	8	73059016	74139016	<i>MRPL1; CNOT6L; FRAS1; NPY2R; CXCL13; ANXA3; LOC102167454; LOC100515153; LOC110262134; LOC110262133</i>
rs81335362	8	136326026	137406026	<i>RASGEF1B; PRKG2; LOC110262197; CFAP299; LOC106508257; BMP3; LOC106510562; LOC106510559; LOC110262201; LOC110262200; LOC110262198</i>
rs334392548	10	15847485	16927485	<i>CEP170; SDCCAG8; AKT3; ZBTB18; LOC110255592; LOC110255583</i>

rs80803790	11	5751044	6831044	<i>MTUS2; LOC110255799; FLT-1; SLC7A1; SLC46A3; UBL3; LOC106505250; POMP; LOC106505246; LOC102165571</i>
rs80914601	11	5784834	6864834	<i>MTUS2; LOC110255799; FLT-1; SLC7A1; SLC46A3; UBL3; LOC106505250; POMP; LOC106505246; LOC102165571</i>
rs343377111	11	14933025	16013025	<i>NEK3; LOC102163801; VPS36; ALG11; FOXO1; SLC25A15; CKAP2; NEK5; LOC102160118; ATP7B; MRPS31; THSD1; CCDC70; LOC106505276; LOC102163623; LOC102159588; LOC100625564; LOC110255805; LOC110255751</i>
rs80930723	11	69830312	70910312	<i>NALCN; FGF14; ITGBL1</i>
rs81440983	12	17155233	18235233	<i>MAPT; LOC102167870; FMNLI; ARHGAP27; ARF2; NSF; PLEKHM1; WNT3; LOC102160528; CRHR1; GOSR2; LOC102167583; LOC100626147; LOC100524336; LOC110255991; RPRML; WNT9B; LYZL6; SPPL2C; MAP3K14; LOC102165973; LOC102159591; LOC102157474; LOC100738755; SPATA32; LOC110255993; LOC110255898</i>
rs335055280	13	295765	784235	<i>CPNE4; LOC100739261</i>
rs345752157	13	198073309	199153309	<i>RUNX1; RCAN1; LOC106508034; CLIC6; LOC106508030;</i>

				<i>LOC106505851; LOC100623408</i>
rs345307243	14	24213992	25293992	<i>RIMBP2; STX2; PIWIL1; ADGRD1; LOC110256876; RAN; TMEM132D; FZD10; LOC100514370; LOC100511596; LOC110256601</i>
rs81450840	14	56867462	57947462	<i>SLC35F3; NTPCR; KCNK1; PCNX2; MAP3K21; LOC102160091; LOC110256720</i>
rs80823799	14	135868216	136948216	<i>NPS; DOCK1; INSYN2A; C14H10orf90; LOC110256632; LOC110256630; LOC110256630</i>
rs322985099	16	5584952	6664952	<i>LOC102167846; LOC106506454; MYO10; ZNF622; BASP1; LOC102167708; RETREG1</i>
rs80843610	17	7928654	9008654	<i>MTNR1A; FAT1; LOC106506594; LOC102164657; LOC102162774; LOC100628139; LOC100517735; LOC100154844; LOC110257478; LOC110257388; LOC110257387</i>
rs321942793	18	5858431	6938431	<i>GIMAP5; AGAP3; ASB10; KCNH2; LOC100519808; GIMAP2; TMEM176B; FASTK; ABCF2; GIMAP1; NOS3; AOC1; SMARCD3; WDR86; SLC4A2; NUB1; TMEM176A; GIMAP8; ASIC3; GIMAP7; ATG9B; GIMAP6; CDK5; CLCN1; MIR671; GIMAP4; ABCB8; ZYX;</i>

LOC100519177; TMUB1; EPHA1; IQCA1L; LOC106508193; FAM131B; TAS2R41; TAS2R60; GBX1; LOC102166231; LOC102162439; LOC102160938; LOC100523829; LOC100519633; TRNAE-UUC; LOC110257613; LOC110257612; LOC110257587; LOC110257586; LOC110257570; LOC110257569; LOC110257513

CAMK2B; HECW1; POLD2; MRPL32; C18H7orf25; POLM; BLVRA; GCK; LOC106506864; YKT6; STK17A; PSMA2; COA1; MYL7; AEBP; LOC106506868; LOC102163456; LOC110257557; LOC110257529; LOC110257518

			rs81471144	18	50915200	51995200		
LI, Yang <i>et al.</i> (2021)	Number of teats	Duroc	rs80894106	7	97602632	97702632		<i>SYNDIG1L; VRTN</i>
			rs80813473	7	98016911	98116911		<i>RPS6KL1; YLPM1; PROX2; DLST</i>
			rs80836267	7	98039286	98139286		<i>RPS6KL1; YLPM1; PROX2; DLST</i>
			rs324614194					<i>DPF3; ZFYVE1; DCAF4; LOC110261630</i>
			rs81227580	7	96228617	96328617		<i>NUMB; HEATR4; RIOX1</i>
			rs81396043	7	96736713	96836713	50 kb	<i>NUMB; HEATR4; RIOX1</i>
		12	rs81238639	7	96756775	96856775	upstream and downstream of SNPs	<i>NUMB; HEATR4; RIOX1</i>
			rs80864705	7	97896666	97996666		<i>AREL1; FCF1; YLPM1</i>
			rs80929215	7	97904258	98004258		<i>AREL1; FCF1; YLPM1</i>
			rs342685919	7	97923860	98023860		<i>AREL1; FCF1; YLPM1</i>
			rs80820713	7	96998513	97098513		<i>PNMA1; MIDEAS; DNALI</i>
			rs80888936	7	96051509	96151509		<i>DPF3</i>
				7	96078654	96178654		<i>DPF3</i>

* (-) SNPs did not have their position updated (position not found in NCBI database.

* (NA) Genes not found.