

Supplementary Table.1 Summary and mapping statistics of Landrace pigs and Yorkshire

Breed	Sample_ID	Read_Leng	Clean_reads	Clean_bases(bp)	mapped_reads	mapped_bases
	L34001	150	335820428	50373064200	311801446	46213043692
	L34005	150	334686080	50202912000	310680291	46015949213
	L34603	150	335218524	50282778600	311014716	46064557161
	L34903	150	334264202	50139630300	310274300	45980670807
	L34904	150	336090594	50413589100	311470673	46129299352
	L35703	150	336215912	50432386800	311639868	46142122393
	L35709	150	336509542	50476431300	312576504	46278629530
	L36007	150	335062848	50259427200	310393272	45978056243
	L36008	150	334348478	50152271700	311286801	46100881725
Landrace	L37603	150	336869760	50530464000	314477028	46553790399
	L37606	150	334636164	50195424600	312071401	46220289404
	L37607	150	336211362	50431704300	313229893	46374713620
	L38603	150	335032912	50254936800	310860469	46002233815
	L38605	150	335861790	50379268500	311821288	46178303730
	L38607	150	335606092	50340913800	311530113	46123435613
	L38609	150	336254460	50438169000	312381603	46279717422
	L38801	150	335806734	50371010100	312014212	46203728968
	L38805	150	334609234	50191385100	311015528	46069292174
	L38806	150	335904976	50385746400	311902210	46187573116
	L38809	150	335864038	50379605700	312347254	46268930315
	Y30912	150	334467628	50170144200	310972473	46051495289
	Y31016	150	337387992	50608198800	312843968	46303746604
	Y31614	150	335321184	50298177600	313219783	46407023877
	Y32118	150	336394912	50459236800	313959348	46516330502
	Y32311	150	336709000	50506350000	314290343	46590752517
	Y32813	150	335100268	50265040200	311084650	46038851437
	Y33305	150	361849978	54277496700	334371801	49476182126
	Y33411	150	337578512	50636776800	313559293	46436155000
	Y33514	150	336999198	50549879700	314512520	46581858304
	Y33614	150	337896516	50684477400	313811108	46513373490
	Y35101	150	336342148	50451322200	310441931	45963925980
	Y36102	150	334564368	50184655200	310701330	46065198503
	Y36404	150	335286916	50293037400	310890994	46056981765
	Y37313	150	335977606	50396640900	312026187	46226408885
	Y37411	150	335768890	50365333500	311775319	46151020098
	Y37703	150	336939116	50540867400	312474258	46291877514
	Y37707	150	334101856	50115278400	310958445	46048927735
	Y37813	150	336693222	50503983300	313682150	46409052235
	Y37816	150	335686728	50353009200	313058740	46356804939
Yorkshire	Y37902	150	336082608	50412391200	310400651	45970980822
	Y38003	150	335586048	50337907200	311862781	46182712680
	Y38206	150	336352898	50452934700	312576509	46300985662
	Y38302	150	334773130	50215969500	311595698	46173259192
	Y38310	150	336369520	50455428000	314239198	46524324033
	Y38311	150	337731074	50659661100	313469121	46421006192
	Y39017	150	336842146	50526321900	312042286	46195604210
	Y39104	150	333604398	50040659700	309419813	45831582237
	Y39113	150	334669750	50200462500	310530360	46012916181
	Y39114	150	335564604	50334690600	314128701	46549666410
	Y39115	150	335277436	50291615400	311870295	46196493194
	Y39504	150	334914356	50237153400	310997483	46078427262
	Y39505	150	335421566	50313234900	311265826	46105616446
	Y39506	150	335061702	50259255300	309019821	45727128304
	Y39510	150	336507496	50476124400	313561020	46403275616
	Y39513	150	334747910	50212186500	313135552	46389875025
	Y40303	150	335710784	50356617600	311036296	46105655337

Y40307	150	336738838	50510825700	312624823	46315929165
Y40310	150	334545294	50181794100	310728227	46037036961
Y40315	150	335266114	50289917100	311537428	46161998851
Y40412	150	336868670	50530300500	312980540	46391208927

pigs

mismatch_base	mismatch_mapping_ratio	dup_ratio	uniq_reads	Average_depth	Coverage	Coverage	
557173208	1.21%	92.85%	6.39%	291888140	17.04	98.57%	96.21%
586094437	1.27%	92.83%	6.65%	290028119	16.91	98.56%	96.18%
587650239	1.28%	92.78%	6.79%	289892961	16.85	98.55%	95.89%
560474193	1.22%	92.82%	6.45%	290262791	16.93	98.57%	96.19%
591301598	1.28%	92.67%	6.10%	292475939	17.06	98.55%	96.11%
603857807	1.31%	92.69%	5.69%	293910646	17.14	98.57%	96.17%
607846070	1.31%	92.89%	5.56%	295201693	17.21	98.56%	96.07%
580934557	1.26%	92.64%	5.92%	292025591	17.03	98.57%	96.14%
592138425	1.28%	93.10%	5.99%	292625738	17.05	98.56%	96.18%
617763801	1.33%	93.35%	6.25%	294810023	17.17	98.55%	96.30%
590420746	1.28%	93.26%	6.30%	292410337	17.05	98.56%	96.47%
609770330	1.31%	93.16%	6.34%	293362969	17.05	98.53%	96.15%
626836535	1.36%	92.79%	5.91%	292495718	16.93	98.52%	95.23%
594889470	1.29%	92.84%	6.20%	292501726	17.04	98.53%	95.89%
606081337	1.31%	92.83%	5.78%	293529580	17.13	98.54%	96.42%
577523028	1.25%	92.90%	5.48%	295249582	17.25	98.53%	96.40%
598402832	1.30%	92.91%	4.76%	297162127	17.31	98.58%	96.23%
583037026	1.27%	92.95%	4.39%	297365939	17.29	98.59%	96.17%
597758384	1.29%	92.85%	4.90%	296609321	17.25	98.57%	96.09%
583157785	1.26%	93.00%	5.74%	294432029	17.19	98.54%	96.43%
594375661	1.29%	92.98%	5.63%	293478123	17.01	98.56%	95.93%
622848596	1.35%	92.73%	5.34%	296142726	17.15	98.57%	96.08%
575943573	1.24%	93.41%	5.48%	296060462	17.28	98.54%	96.44%
577571698	1.24%	93.33%	4.68%	299263709	17.49	98.55%	96.39%
552798933	1.19%	93.34%	5.11%	298240605	17.43	98.57%	96.50%
623846063	1.36%	92.83%	6.01%	292389594	16.9	98.53%	95.65%
679588024	1.37%	92.41%	5.72%	315229211	18.12	98.37%	93.67%
597738950	1.29%	92.88%	5.85%	295208034	17.15	98.53%	95.58%
595019696	1.28%	93.33%	5.79%	296290962	17.21	98.52%	95.52%
558292710	1.20%	92.87%	7.00%	291840331	17.04	98.58%	96.45%
602363670	1.31%	92.30%	7.15%	288245164	16.73	98.49%	94.95%
540000997	1.17%	92.87%	8.15%	285384502	16.68	98.55%	96.10%
576667335	1.25%	92.72%	7.07%	288923585	16.8	98.52%	95.29%
577519165	1.25%	92.87%	7.09%	289890294	16.91	98.54%	96.30%
615277752	1.33%	92.85%	5.91%	293337239	16.97	98.49%	95.20%
579261186	1.25%	92.74%	5.08%	296610760	17.3	98.59%	96.27%
594839015	1.29%	93.07%	5.37%	294273742	17.12	98.54%	96.24%
643270265	1.39%	93.17%	5.16%	297488207	17.21	98.40%	94.06%
602006061	1.30%	93.26%	4.97%	297503682	17.34	98.55%	96.43%
589116828	1.28%	92.36%	4.74%	295695054	17.26	98.56%	96.20%
596704470	1.29%	92.93%	5.08%	296017605	17.29	98.57%	96.17%
585490688	1.26%	92.93%	5.90%	294120730	17.12	98.55%	96.38%
566095508	1.23%	93.08%	3.90%	299458168	17.52	98.57%	96.26%
611555667	1.31%	93.42%	4.88%	298909771	17.4	98.55%	95.98%
599361958	1.29%	92.82%	5.16%	297294443	17.3	98.53%	96.01%
610738690	1.32%	92.64%	6.68%	291196070	16.87	98.50%	95.47%
581389713	1.27%	92.75%	5.38%	292787355	17.08	98.56%	96.22%
566637819	1.23%	92.79%	6.16%	291390530	17.02	98.52%	96.36%
569638740	1.22%	93.61%	5.62%	296475671	17.35	98.54%	96.49%
584051056	1.26%	93.02%	5.73%	294015297	17.16	98.54%	96.38%
571195188	1.24%	92.86%	4.96%	295582310	17.28	98.56%	96.23%
584257454	1.27%	92.80%	5.02%	295628037	17.28	98.56%	96.16%
625844846	1.37%	92.23%	5.79%	291132748	16.84	98.48%	95.05%
630877384	1.36%	93.18%	5.78%	295446553	17.15	98.53%	95.61%
580457775	1.25%	93.54%	4.51%	299005123	17.5	98.55%	96.35%
549789063	1.19%	92.65%	8.53%	284516667	16.58	98.57%	96.11%

577794285	1.25%	92.84%	8.00%	287625379	16.74	98.54%	96.33%
572197089	1.24%	92.88%	8.12%	285511247	16.61	98.53%	96.08%
568615349	1.23%	92.92%	7.21%	289071674	16.84	98.63%	96.21%
555872073	1.20%	92.91%	7.55%	289344720	16.89	98.57%	96.35%

at least 4x