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chromosome	rsid	chromosome	position	allele1	allele2	effect_allele (locus)	eaf_cauc	GWAS catalog disease trait	GWAS catalog p-value	Waist circumference pooled	Waist circumference β	Waist circumference SE	Hip circumference pooled	Hip circumference β	Hip circumference SE	Waist-hip ratio pooled	Waist-hip ratio β	Waist-hip ratio SE	Standing height pooled	Standing height β	Standing height SE	Seated height pooled	Seated height β	Seated height SE	Sitting height pooled	Sitting height β	Sitting height SE	Birth weight pooled
1:154528221_T_C	rs12405213	1	154528221	T	C	T	0.47257	Breast cancer	2E-10	0.42067	0.00319663	0.00325893	0.43087	0.00292966	0.00297315	0.4859	-0.00177032	0.00305438	-0.3959	-0.00151191	0.0199896	0.34935	-0.00154461	0.0204859	0.34877	-0.00155149	0.0202455	0.42678972
1:200508167_G_A	rs6701707	1	200508167	G	A	A	0.18712	Uterine	0.00000000	0.10184	-0.00733951	0.00324589	0.17796	-0.00396991	0.00329649	0.20181	-0.00388164	0.00321708	-0.38165	-0.00201191	0.0202964	0.22299	-0.00228514	0.0206443	0.40544	-0.00202181	0.0200707	0.42087574
1:204420717_A_G	rs12707927	1	204420717	A	G	G	0.20202	Breast cancer	0.00000000	0.42024	0.00327147	0.00325	0.42022	0.00317	0.00323	0.42022	0.00307147	0.00325	0.42022	-0.00307147	0.00325	0.42022	-0.00307147	0.00325	0.42022	-0.00307147	0.00325	0.42022
2:162626266_T_C	rs12462266	2	162626266	T	C	C	0.12826	Breast cancer	0.00000000	0.01304	0.00373887	0.00392	0.01304	0.00376413	0.00395	0.01304	0.00365016	0.00383	0.01304	0.00365016	0.00383	0.01304	0.00365016	0.00383	0.01304	0.00365016	0.00383	0.2258
2:179625927_T_A	rs7586927	2	179625927	T	A	A	0.12856	Lung cancer	1.8E-7	0.78725	0.0140355	0.0024845	0.78725	0.0142483	0.0025195	0.78725	0.00267237	0.0028215	0.78725	-0.00267237	0.0028215	0.78725	-0.00267237	0.0028215	0.78725	-0.00267237	0.0028215	0.07705872
3:51341221_A_G	rs6815699	3	51341221	A	G	G	0.27664	Prostate cancer	3E-10	0.12154	0.00931539	0.0012275	0.30004	0.00778193	0.0012145	0.06125	0.00341855	0.0018135	0.06125	0.00341855	0.0018135	0.06125	0.00341855	0.0018135	0.06125	0.00341855	0.0018135	0.30019145
3:113133145_A_G	rs13078447	3	113133145	A	G	G	0.41152	Breast cancer	4E-10	0.31227	0.00327147	0.0025053	0.31227	0.00317147	0.0025053	0.31227	0.00307147	0.0025053	0.31227	-0.00307147	0.0025053	0.31227	-0.00307147	0.0025053	0.31227	-0.00307147	0.0025053	0.2258
3:170178994_A_G	rs6780962	3	170178994	A	G	G	0.47579	Chronic lymphocytic leukemia	0.00000000	0.77179	-0.00327147	0.0024151	0.77179	-0.00317147	0.0024151	0.77179	-0.00307147	0.0024151	0.77179	0.00307147	0.0024151	0.77179	0.00307147	0.0024151	0.77179	0.00307147	0.0024151	0.78026
3:187522618_A_C	rs6798618	3	187522618	A	C	A	0.24968	Chronic lymphocytic leukemia	2E-10	0.77179	0.00318649	0.0024184	0.77179	0.00315149	0.0024184	0.77179	0.00311649	0.0024184	0.77179	-0.00311649	0.0024184	0.77179	-0.00311649	0.0024184	0.77179	-0.00311649	0.0024184	0.52755
3:187557537_A_G	rs6798537	3	187557537	A	G	G	0.24968	Chronic lymphocytic leukemia	2E-10	0.77179	0.00318649	0.0024184	0.77179	0.00315149	0.0024184	0.77179	-0.00311649	0.0024184	0.77179	0.00311649	0.0024184	0.77179	0.00311649	0.0024184	0.77179	0.00311649	0.0024184	0.55861
3:111172551_G_C	rs6804219	3	111172551	G	C	C	0.31412	Colorectal cancer	0.00000000	0.5271	0.00310002	0.0024397	0.5271	0.00307147	0.0024397	0.5271	-0.00307147	0.0024397	0.5271	0.00307147	0.0024397	0.5271	0.00307147	0.0024397	0.5271	0.00307147	0.0024397	0.5086
3:114168851-10_G_C	rs74351221	3	114168851	G	C	C	0.47257	Uterine	8E-10	0.42479	-0.00246859	0.0024145	0.35024	-0.00284594	0.0024114	0.43989	-0.00266182	0.0025138	1.8994E-05	-0.00781145	0.0245942	1.8842E-05	-0.00796149	0.0245942	0.42924	-0.00824188	0.0245942	0.42899
3:137531118_A_T	rs4686196	3	137531118	A	T	T	0.12856	Melanoma	2E-10	0.2	-0.00318649	0.0024184	0.2	-0.00318649	0.0024184	0.2	-0.00318649	0.0024184	0.2	-0.00318649	0.0024184	0.2	-0.00318649	0.0024184	0.2	-0.00318649	0.0024184	0.2258
3:169557415_A_C	rs6780415	3	169557415	A	C	C	0.18814	Colorectal cancer	0.00000000	0.58271	-0.00318649	0.0024184	0.58271	-0.00315149	0.0024184	0.58271	-0.00311649	0.0024184	0.58271	0.00311649	0.0024184	0.58271	0.00311649	0.0024184	0.58271	0.00311649	0.0024184	0.56357
3:185162341_T_DTT	rs59431918	3	185162341	T	DTT	T	0.47257	Breast cancer	0.00000000	0.4996	-0.00327147	0.0024151	0.4996	-0.00307147	0.0024151	0.4996	-0.00287146	0.0024151	0.4996	0.00287146	0.0024151	0.4996	0.00287146	0.0024151	0.4996	0.00287146	0.0024151	0.47156
3:186352576_G_C	rs6857027	3	186352576	G	C	C	0.47257	Thyroid cancer	3E-10	0.46419	-0.00318649	0.0024184	0.46419	-0.00315149	0.0024184	0.46419	-0.00311649	0.0024184	0.46419	0.00311649	0.0024184	0.46419	0.00311649	0.0024184	0.46419	0.00311649	0.0024184	0.39951
3:186665201_C_T	rs6857201	3	186665201	C	T	T	0.47257	Colorectal cancer	2E-10	0.42179	-0.00327147	0.0024151	0.42179	-0.00307147	0.0024151	0.42179	0.00287146	0.0024151	0.42179	-0.00287146	0.0024151	0.42179	-0.00287146	0.0024151	0.42179	-0.00287146	0.0024151	0.42179
3:187455685_C_T	rs6857135	3	187455685	C	T	T	0.47257	Thyroid cancer	0.00000000	0.7979	0.00365703	0.0024151	0.7979	0.00345703	0.0024151	0.7979	0.00325703	0.0024151	0.7979	-0.00325703	0.0024151	0.7979	-0.00325703	0.0024151	0.7979	-0.00325703	0.0024151	0.60025
3:187492685_G_T	rs6857201	3	187492685	G

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Birth weight β	Birth weight SE	Birth pval	Birth β	Birth SE	Weight pval	Weight β	Weight SE	Body fat percentage pval	Body fat percentage β	Body fat percentage SE	Whole body fat mass pval	Whole body fat mass β	Whole body fat mass SE	Whole body fat-free mass pval	Whole body fat-free mass β	Whole body fat-free mass SE	Basal metabolic Rate pval	Basal metabolic Rate β	Basal metabolic Rate SE	Right leg fat percentage pval	Right leg fat percentage β	Right leg fat percentage SE	Right leg fat mass pval
-0.007057	0.004972	0.4453	0.011994	0.007328	0.96213	0.000118	0.001158	0.601884	-0.000496	0.000946	0.01353	0.034147	0.014146	0.7328	-0.000344	0.001085	0.83551	-0.000394	0.001976	0.79148	-0.000427	0.001	0.39669
-0.008239	0.003855	0.27841	-0.00552	0.005152	0.17259	-0.000459	0.000749	0.004565	-0.00075	0.000389	0.01465	-0.006859	0.008787	0.3465	0.001505	0.000365	0.51234	0.000485	0.000958	0.00015214	-0.000128	0.000127	0.01127
-0.008973	0.004	0.14914	-0.00197	0.005198	0.01159	-0.000712	0.000347	0.000147	-0.000127	0.000182	0.00000	-0.000227	0.000239	0.96479	-0.000027	0.000036	0.00000	-0.000027	0.000036	0.00000	-0.000027	0.000036	0.00000
-0.005013	0.004009	0.45168	0.01186	0.005208	0.00024	0.000728	0.000342	0.000103	0.000176	0.000046	0.00000	-0.000309	0.000102	0.57173	0.000107	0.000189	0.00000	-0.000426	0.000102	0.00000	0.000387	0.000102	0.00000
0.008171	-0.00616	0.16438	-0.00728	0.005181	0.89548	-0.00018	0.000341	0.000124	-0.000798	0.00	0.01278	-0.00104	0.000415	0.17984	-0.00	0.000415	0.01278	-0.00104	0.000415	0.17984	-0.00	0.000415	0.01278
0.01262	0.00333	0.0039	0.00133	0.00159	0.00056	0.000	0.000098	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00
0.005768	0.003012	0.07153	0.00141	0.00124	0.00023	0.000	0.000	0.000	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00
-0.00615	0.00402	0.1528	-0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00
-0.00	0.00	0.00

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Right leg fat mass β	Right leg fat mass SE	Right leg fat free mass pval	Right leg fat free mass β	Right leg fat free mass SE	Left leg fat percentage pval	Left leg fat percentage β	Left leg fat percentage SE	Left leg fat mass pval	Left leg fat mass β	Left leg fat mass SE	Left leg fat free mass pval	Left leg fat free mass β	Left leg fat free mass SE	Right arm fat percentage pval	Right arm fat percentage β	Right arm fat percentage SE	Right arm fat mass pval	Right arm fat mass β	Right arm fat mass SE	Right arm fat free mass pval
-0.005485	0.001496	0.77888	-0.000412	0.000412	0.04844	-0.07799	0.039374	0.01353	-0.01967	-0.00557	0.0002	-0.06513	0.02102	0.39651	0.020703	0.024356	0.41357	0.014152	0.016675	0.4026
-0.006127	0.001866	0.46873	0.000719	0.000985	0.01766	0.090956	0.038214	0.00146	-0.02016	-0.00595	0.00146	0.07527	0.02307	0.05577	0.021	0.024	0.02639	-0.02067	0.009575	0.02288
-0.008	0.002012	0.00101	0.002	0.000	0.00	0.07	0.03	0.00	-0.02	-0.00	0.00	0.12	0.03	0.00	0.02	0.02	0.00	0.02	0.01	0.00
-0.008	0.002	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00
-0.012

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Right arm fat-free mass β	Right arm fat-free mass SE	left arm fat percentage pval	left arm fat percentage β	left arm fat percentage SE	left arm fat mass pval	left arm fat mass β	left arm fat mass SE	left arm fat-free mass pval	left arm fat-free mass β	left arm fat-free mass SE	trunk fat percentage pval	trunk fat percentage β	trunk fat percentage SE	trunk fat mass pval	trunk fat mass β	trunk fat mass SE	trunk fat-free mass pval	trunk fat-free mass β	trunk fat-free mass SE
-0.00077858	0.00148669	3.46E-06	0.00905426	0.00187126	0.00100751	0.0127468	0.00320766	0.9651	-7.40E-05	0.00169164	0.9479	-0.00047026	0.00112706	0.8811	-0.00046426	0.00327233	0.8555	-0.00027358	0.00154703
-0.00000168	0.00108128	0.0088416	-0.00913	0.00342112	0.0227148	-0.00495121	0.00208511	0.9964	0.00000166	0.00144076	0.0026766	-0.00651051	0.00218864	0.0206426	-0.00677316	0.00296126	0.21425	-0.00198548	0.00124551
-0.00077758	0.00151147	0.00101147	0.00547147	0.00348147	7.46E-05	0.0127147	0.00319147	0.00107	0.00077758	0.00148147	0.00000147	1.79E-07	0.00147147	0.00000147	2.09E-07	0.00295147	0.00000147	0.00077758	0.00148147
-0.00000255	0.00148147	0.0142147	0.00000147	0.00348147	0.0026147	0.00000147	0.00147147	0.0142147	0.00000147	0.00148147	0.00000147	0.00000147	0.00148147	0.00000147	0.00000147	0.00148147	0.00000147	0.00000147