

Supplementary Table S2: significant trans- and cis-acting SNPs from GWAS meta-analysis

SNP	Allele1	Allele2	Zscore	P.value	Direction	HetISq	HetChiSq	HetDf
rs7443953	t	g	5.4770000	4.3210000E-8	+++	46	3.7050000	2
rs7896179	a	g	-5.5590000	2.707E-8	--	47.2	1.895	1
rs1452740	a	c	6.056	1.3999999E-9	++	62.9	2.698	1
rs1793892	t	c	-5.5449999	2.939E-8	?--	0	0.4480000	1
rs362307	t	c	5.8120000	6.1609999E-9	++?	54.2	2.181	1
rs1042663	a	g	8.7089999	3.0749999E-9	++	93	14.22	1
rs1507410	a	g	5.93	3.0300000E-9	++	0	0.02	1
rs7889874	t	c	5.52	3.3850000E-9	--+	91.6	23.846	2
rs4127400	a	g	5.548	2.8889999E-9	++	51.7	4.1390000	2
rs6662383	t	c	5.5880000	2.2989999E-9	++	31.2	1.4530000	1
rs1385615	a	c	5.9359999	2.9119999E-9	?++	84.9	6.6390000	1
rs1107225	t	c	5.452	4.9940000E-9	++	65.5	5.7939999	2
rs1446860	a	g	9.8919999	4.5009999E-9	++	88.1	8.3710000	1
rs4128575	t	g	5.4870000	4.0870000E-9	?++	80.099999	5.032	1
rs4128575	t	g	6.202	5.5900000E-9	?++	51.6	2.0640000	1
rs1188065	t	c	-6.6440000	3.0499999E-9	+-	95.4	21.530999	1
rs1452434	a	t	-5.46	4.7740000E-9	---	49.2	3.9340000	2
rs1139618	a	c	6.8959999	5.3510000E-9	?++	0	3.7999999	1
rs1186419	t	c	6.8840000	5.8229999E-9	++	64.400000	2.8050000	1
rs3093044	a	g	5.8410000	5.2030000E-9	--+	92.6	26.908999	2
rs6032254	a	c	7.6639999	1.8019999E-9	++	87.8	16.329999	2
rs1111174	a	g	7.8680000	3.5900000E-9	++	0	1E-3	1
rs6031997	a	g	6.9320000	4.1510000E-9	++	0	0.6630000	1
rs1081806	a	c	-5.4710000	4.4630000E-9	--	0	5.0999999	1
rs1715561	a	g	-8.4550000	2.7849999E-9	--?	0	0.8479999	1
rs4352245	a	g	5.7290000	1.009E-8	++	39.799999	1.6619999	1
rs7455605	a	g	-15.313000	6.2760000E-9	---	86.3	14.632	2
rs1174247	a	c	-5.54	3.0180000E-9	+-	84	6.2629999	1
rs7508452	a	g	5.649	1.6149999E-9	++?	NA	NA	NA
rs7355455	a	c	-5.4980000	3.8379999E-9	---	0	1.302	2
rs5737645	t	c	5.4720000	4.4589999E-9	?+	86.2	7.2480000	1
rs7525696	a	g	7.4859999	7.0810000E-9	++	79.7	4.9290000	1
rs1233653	t	c	9.7330000	2.1730000E-9	+-	87.2	7.8330000	1
rs7966848	a	g	5.6180000	1.9350000E-9	++	0	7.5999999	1
rs4147990	t	c	10.039999	1.015E-23	++	86.3	7.3109999	1
rs6224506	t	c	8.9350000	4.0829999E-9	+++	62.6	5.3449999	2
rs7412	t	c	5.7409999	9.3999999E-9	++	70.400000	6.7569999	2
rs7217473	t	c	7.1260000	1.0369999E-9	++	65.900000	2.9359999	1
rs7507124	a	g	-8.234	1.8179999E-9	---	93.8	32.171999	2
rs7818688	a	t	-5.6470000	1.6280000E-9	---	97.7	87.504000	2
rs2182760	a	g	-6.033999	1.604E-9	---	7.4	2.1589999	2
rs1205361	a	g	6.1070000	1.016E-9	++	84	12.526999	2
rs1494676	a	g	7.2569999	3.9629999E-9	+++	81.099999	10.568	2
rs7883653	a	g	5.6609999	1.5060000E-9	+-	95.2	20.689	1
rs1395769	c	g	-14.32	1.6500000E-9	---	97.2	72.724999	2
rs7140476	a	c	17.78	1.014E-70	+++	89.1	18.303999	2
rs7515630	a	g	6.367	1.9260000E-9	+++	85.3	13.64	2

rs5745692	c	g	-5.4909999(3.9990000)(---	80.2	10.125999(2
rs7270444	t	c	-6.9669999(3.237E-12 ---	0	0.9489999(2
rs5761947	a	c	-6.0979999(1.0769999)(?--	93.6	15.504 1
rs5604260	a	g	6.8070000(9.9809999)(?+-	97.1	34.606999(1
rs7556466	a	g	-6.6749999(2.4699999)(+-	94.8	19.077999(1
rs942053	t	c	5.8410000(5.2030000)(+++	78.7	9.3729999(2
rs1469030	a	g	5.5339999(3.1340000)(++	0	1.7999999(1
rs6038456	a	c	5.51 3.5899999(++)	0	0.4480000(1
rs7712118	a	g	6.6040000(4.0069999)(-+?	98.6	69.010000(1
rs1409216	a	c	5.6890000(1.28E-8 ++	76.2	4.21 1
rs1165582	a	g	5.484 4.1530000(+++	0	1.3979999(2
rs9903158	t	c	-8.0009999(1.2329999)(++-	98.5	137.18899(2
rs1128534	t	c	9.0090000(2.081E-19 ?++	65.5	2.8959999(1
rs1498908	t	c	6.2030000(5.5269999)(?++	92.1	12.734 1
rs1920316	c	g	-5.5490000(2.8719999)(-+-	81.2	10.661 2
rs1150497	a	g	-5.5309999(3.1769999)(+-	96.2	26.341999(1
rs1320210	t	c	-6.5629999(5.2620000)(---	54.8	4.4210000(2
rs1924372	t	c	5.8550000(4.7559999)(--+	91.6	23.837 2
rs2862485	a	g	-8.0909999(5.9279999)(?--	95.9	24.382999(1
rs1158411	t	c	5.49 4.0089999(++)	30.2	1.4330000(1
rs1244437	c	g	-7.0279999(2.101E-12 ---	31.2	2.9079999(2
rs1699777	t	c	-6.2359999(4.48E-10 +-	92.3	12.989000(1
rs1416357	t	g	6.6150000(3.714E-11 ++	63.8	2.7650000(1
rs1507813	t	c	6.5960000(4.2149999)(+++	0	1.5169999(2
rs1001950	a	g	7.6079999(2.7779999)(?++	94.6	18.677 1
rs1438752	a	g	-6.1360000(8.4639999)(---	47.4	3.8050000(2
rs6240120	a	c	-7.0860000(1.376E-12 ---	89.2	18.533999(2
rs1437195	t	g	5.5910000(2.2530000)(++	0	0.9539999(1
rs1145361	a	t	7.0309999(2.0470000)(?++	93.9	16.404 1
rs2838281	t	c	-5.8719999(4.2960000)(---	69.2	6.4930000(2
rs7274412	c	g	-5.9749999(2.3060000)(---	0	0.2109999(2
rs1807381	t	c	6.3819999(1.751E-10 ++	83.2	5.9429999(1
rs1162240	a	g	6.38 1.769E-10 -+	89.6	9.5939999(1
rs7757893	a	g	7.8819999(3.2210000)(-+	92.3	12.946999(1
rs3570362	t	c	6.4180000(1.383E-10 -++	73.900000(7.6619999(2	
rs1437326	t	c	9.1920000(3.8710000)(++	70.8	3.4260000(1
rs3774997	a	g	-5.9240000(3.143E-9 ?--	65	2.8540000(1
rs1501792	a	t	5.7329999(9.8389999)(++	66.900000(3.0179999(1	
rs1410917	c	g	7.5119999(5.8250000)(-+	95.8	23.896000(1
rs6914863	c	g	-7.1230000(1.055E-12 ---	93.1	29.132999(2
rs1192099	t	c	9.6329999(5.825E-22 ++	94.1	17.003 1
rs4550579	c	g	5.9080000(3.4659999)(+++	97	66.064999(2
rs1167588	t	g	-5.6390000(1.7109999)(--	74.400000(3.9129999(1	
rs7701223	c	g	5.9210000(3.1979999)(++	51.5	2.0640000(1
rs8022631	t	c	5.72 1.0649999(-+	78.599999(4.6779999(1	
rs1447248	t	c	6.2240000(4.8469999)(++	95.7	23.068000(1
rs1152754	t	c	-7.2569999(3.9549999)(+--	81.900000(11.044 2	
rs1391330	c	g	7.5190000(5.5050000)(++	79.3	4.827 1
rs1393690	a	g	6.0910000(1.124E-9 ++	0	0.01 1
rs1179714	a	g	9.0280000(1.7420000)(++	0	0.6340000(1

rs2901364	t	g	-10.131	4.0400000(-?)	99.1	111.666	1
rs4155671	t	c	6.984	2.8719999!++	88.1	16.77	2
rs7696025	t	c	5.891	3.8369999!++	97.9	47.075000(1	
rs1401038	t	c	-6.5069999	7.6579999!--+	99.2	243.73599!2	
rs7715584	t	c	10.119999	4.489E-24 --+	97.6	84.534000(2	
rs295070	a	g	5.9859999	2.152E-9 ++	0	0.2770000(1	
rs1487733	a	c	8.4730000	2.3970000!--+	90.4	20.88	2
rs1176185	t	g	-5.8769999	4.169E-9 ---	98.4	126.934	2
rs1413911	a	g	5.7729999	7.7829999!+++	54.7	4.4180000(2	
rs5608622	a	g	5.8920000	3.8170000!++	61	2.5659999!1	
rs1788060	c	g	-7.4039999	1.3170000!++-	89.9	19.846	2
rs5683683	a	t	5.476	4.3579999!++	58.8	2.4300000(1	
rs1532985	t	g	7.3540000	1.9210000!+-	91.2	11.407	1
rs7724673	t	c	-18.03	1.136E-72 +-	97.4	38.207000(1	
rs7477890	t	c	6.07	1.2819999!+++	97.7	87.83	2
rs1467027	t	c	6.2560000	3.9399999!--+	91.6	23.777999!2	
rs1142968	a	c	6.6859999	2.294E-11 ?++	89.2	9.2469999!1	
rs1135872	a	g	-5.952	2.6470000!--	0	0.03	1
rs1497056	a	g	5.5629999	2.6499999!++?	NA	NA	NA
rs6224254	t	c	-7.8390000	4.5339999!--	98.2	56.201000(1	
rs7483262	a	g	-35.817999	5.8599999!+-	97.5	40.207000(1	
rs1409509	c	g	5.7190000	1.068E-8 ++	51.8	2.0739999!1	
rs1496129	a	g	5.6150000	1.9659999!++?	NA	NA	NA
rs3443772	t	c	-5.5270000	3.2539999!--	83.5	6.0460000(1	
rs7666554	t	c	-25.283999	4.8400000!--	99.3	133.94200(1	
rs7308937	c	g	-9.0489999	1.4390000!--	94.3	17.61	1
rs1051074	a	g	6.4539999	1.088E-10 ++	84.6	6.4960000(1	
rs516286	t	g	5.72	1.0670000!++?	NA	NA	NA
rs1165041	a	c	12.411	2.2819999!++	0	5.1999999!1	
rs1739100	a	g	-6.431	1.264E-10 +-	94.8	19.356000(1	
rs6178548	a	g	6.2039999	5.5029999!+++	95.3	42.680999!2	
rs7316928	a	t	10.44	1.63E-25 ++?	71.900000(3.5590000(1		
rs7292700	t	c	-5.4530000	4.9390000!--?	NA	NA	NA
rs1701135	a	g	-7.1230000	1.052E-12 --?	NA	NA	NA
rs764872	a	g	14.163	1.548E-45 ++?	97.5	39.262	1
rs6999569	a	g	-6.3330000	2.412E-10 ---	0	0.9479999!2	
rs1211719	c	g	-6.242	4.3139999!---	0	1.98	2
rs1099544	a	t	-8.6050000	7.629E-18 ---	64.400000(5.6219999!2		
rs3129773	t	c	-5.7039999	1.171E-8 ?--	0	0.311	1
rs1233161	a	g	-6.66	2.7350000!--	0	0.3830000(1	
rs3859501	a	c	5.91	3.414E-9 -+?	NA	NA	NA
rs4239225	a	g	-6.048	1.4700000!---	0	0.6730000(2	
rs1585488	t	g	6.1079999	1.0089999!--+	74.8	7.93	2
rs1012357	t	c	5.4930000	3.9489999!++	51.4	2.0579999!1	
rs1082214	t	c	5.5759999	2.4640000!++	0	1E-3	1
rs826725	a	g	-6.5519999	5.6920000!--	0	0.08	1
rs1873547	a	g	-5.8140000	6.0950000!--	0	0.3960000(1	
rs7739450	a	g	-8.577	9.7050000!--	99.4	160.62	1
rs1028264	a	g	-5.6059999	2.0669999!---	3.7	2.0760000(2	
rs3106442	t	c	-5.4569999	4.8499999!--	54.7	2.2050000(1	

rs3797358	t	c	-5.4569999	4.8499999	!	--	0	0.3059999	!	1
rs3184504	t	c	5.548	2.8839999	!	++?	NA	NA		NA
rs8081395	a	g	5.47	4.5079999	!	++	60.8	5.0970000	!	2
rs514230	a	t	-5.4909999	3.9860000	!	+-	87.3	15.738		2
rs3848180	t	g	33.777000	4.3100000	!	+++	84.5	12.872999	!	2
rs1096757	t	c	-11.302	1.277E-29		---	83.6	12.196		2
rs9898547	t	g	-5.822000	5.8109999	!	---	41	3.39		2
rs9847395	t	c	5.6710000	1.42E-8		++	86	7.1459999	!	1
rs6479248	t	g	-6.705000	2.0160000	!	---	0	0.4189999	!	2
rs1189535	t	c	-5.456000	4.8809999	!	---	44.1	3.581		2
rs1926231	t	c	-5.52	3.3810000	!	--	0	0.9360000	!	1
rs3755573	t	c	-9.487000	2.3699999	!	---	92.2	25.533999	!	2
rs385893	t	c	-5.732000	9.9080000	!	---	66.900000	6.0490000	!	2
rs694664	c	g	-5.554999	2.7800000	!	--	57.3	2.34		1
rs9937053	a	g	5.5220000	3.358E-8		+++	58.7	4.8419999	!	2
rs6580980	a	g	-5.714000	1.1010000	!	---	68.400000	6.3289999	!	2
rs1213472	t	c	5.585	2.337E-8		++	0	5.7000000	!	1
rs1270852	t	c	-5.862000	4.5759999	!	---	35.5	3.101		2
rs7441142	t	c	6.415	1.4069999	!	++	5.3	1.056		1
rs7194068	t	g	-5.689000	1.2779999	!	--	72.599999	3.6429999	!	1
rs1344142	t	c	-5.596000	2.1900000	!	--	61	2.5659999	!	1
rs3804622	a	g	7.3479999	2.0180000	!	++	93.7	31.588000	!	2
rs1698237	t	c	-5.452	4.9829999	!	--	0	8.6999999	!	1
rs12075	a	g	10.013999	1.319E-23		+++	76.099999	8.3659999	!	2
rs7783786	a	g	-5.855999	4.7310000	!	--	0	0.8539999	!	1
rs6214020	a	g	-6.022999	1.707E-9		---	88.6	17.488		2
rs8066793	t	c	5.6150000	1.9610000	!	+++	0	0.2020000	!	2
rs1852138	a	g	7.625	2.441E-14		++	NA	NA		NA
rs1421085	t	c	-5.5	3.8000000	!	---	0	0.1990000	!	2
rs1205033	t	c	5.5670000	2.5939999	!	+++	44.4	3.5990000	!	2
rs6733162	c	g	-5.577	2.4410000	!	--	61.6	2.605		1
rs2179071	t	c	-5.666000	1.4629999	!	---	13.4	2.31		2
rs1164678	a	t	-5.456999	4.8550000	!	--	0	0.6590000	!	1
rs3026943	a	c	-5.477000	4.3170000	!	---	34	3.03		2
rs4976691	c	g	-6.017999	1.7659999	!	--	0	0.17		1
rs302953	t	c	5.6660000	1.465E-8		++	86.6	14.923		2
rs302953	t	c	6.4109999	1.4490000	!	+++	89.6	19.196999	!	2
rs4746855	a	g	6.6719999	2.5240000	!	++	62.8	2.6869999	!	1
rs4746855	a	g	5.5190000	3.4189999	!	+++	68.2	6.2969999	!	2
rs4952071	t	c	6.1130000	9.8069999	!	+++	0	0.3509999	!	2
rs3135338	t	c	5.7430000	9.2850000	!	++	0	1E-3		1
rs1329424	t	g	5.6950000	1.2369999	!	++	62.4	2.6619999	!	1
rs1329424	t	g	6.4080000	1.478E-10		-+	90.5	10.494999	!	1
rs1329424	t	g	5.9720000	2.3450000	!	-+	88.3	8.5749999	!	1
rs1329424	t	g	7.9989999	1.25E-15		-+	96	25.082999	!	1
rs1329424	t	g	7.1040000	1.2100000	!	++	56.8	2.3149999	!	1
rs1329424	t	g	7.6790000	1.6029999	!	++	49	1.9630000	!	1
rs1329424	t	g	6.3520000	2.1240000	!	-+	83.3	5.9779999	!	1
rs1329424	t	g	8.4339999	3.3399999	!	-+	93.3	14.858000	!	1
rs1329424	t	g	7.9290000	2.2050000	!	++	96.3	53.765999	!	2

rs6743171	c	g	-26.212	1.95E-151	+-	97.1	68.314999!	2
rs2548977	t	c	5.6459999!	1.644E-8	++	0	0.7109999!	1
rs679574	c	g	-6.035000!	1.5859999!	++	94.7	37.590000!	2
rs2125787	a	g	-5.527999!	3.2320000!	+-	87.7	16.233000!	2
rs9989419	a	g	-7.224000!	5.059E-13	---	49.8	3.9849999!	2
rs4846913	a	c	-5.615999!	1.96E-8	---	58.9	4.8639999!	2
rs5601326	t	c	5.5019999!	3.7639999!	++	0	0.1769999!	1
rs3488132	t	c	-6.109	1.0020000!	--?	85.5	6.9130000!	1
rs799169	a	g	5.782	7.3650000!	++	60.5	2.5339999!	1
rs4634925	c	g	-6.447000!	1.142E-10	---	86.7	14.984	2
rs915654	a	t	5.532	3.1569999!	++	0	1.2999999!	1
rs1354034	t	c	6.6020000!	4.0619999!	++	0	0.5989999!	1
rs4743764	t	c	7.4219999!	1.157E-13	+++	0	5.5E-2	2
rs5694957	a	g	-5.801000!	6.5839999!	--	0	6.0000000!	1
rs7310615	c	g	6.4939999!	8.3449999!	+++	0	0.4490000!	2
rs7310615	c	g	6.17	6.8489999!	+++	0	0.3689999!	2
rs7310615	c	g	5.944	2.7780000!	++	0	0.9389999!	1
rs7221894	t	c	-5.468	4.545E-8	--?	66.2	2.9569999!	1
rs698092	a	g	5.476	4.3450000!	++	0	0.6420000!	1
rs1080403	t	c	5.7140000!	1.1059999!	++	0	0.746	1
rs4857857	a	g	5.6	2.1439999!	+++	87.4	15.861000!	2
rs9903871	t	c	5.952	2.6470000!	+++	33.1	2.9889999!	2
rs2838331	t	c	-5.626999!	1.836E-8	--	25	1.3340000!	1
rs743862	t	c	-5.857999!	4.6809999!	+-	25.9	2.7	2
rs1230298	a	g	5.4820000!	4.2139999!	+++	0	0.1010000!	2
rs2887259	t	c	5.4870000!	4.0889999!	++?	0	7.0000000!	1
rs4674836	a	g	-6.035999!	1.5779999!	---	73.099999!	7.4320000!	2
rs7964426	t	c	-6.288000!	3.2099999!	+-	80	5.0090000!	1
rs1165828	t	c	-5.485000!	4.1239999!	--	82.5	5.718	1
rs1126561	a	g	6.7039999!	2.0239999!	+++	95.3	42.695	2
rs4766517	c	g	-5.812999!	6.1380000!	--	58.9	2.431	1
rs4766517	c	g	-6.41	1.4590000!	--	5.4	1.0569999!	1
rs1294044	t	c	-5.53	3.194E-8	-+-	91	22.283000!	2
rs7285105	c	g	5.7359999!	9.6820000!	?++	78.2	4.5940000!	1
rs7246004	t	g	10.976000!	4.9799999!	++	18.8	1.232	1
rs1265565	t	c	6.1890000!	6.0399999!	+-	62.8	5.3719999!	2
rs4665972	t	c	8.0009999!	1.2329999!	++	72.8	3.6789999!	1
rs4665972	t	c	-5.450999!	4.9959999!	+-	82.4	11.379	2
rs245056	a	t	5.7409999!	9.4349999!	+-	92.4	26.475999!	2
rs5602233	a	g	-7.727999!	1.0920000!	--	95.2	20.754999!	1
rs2239804	t	c	-5.831000!	5.5020000!	--	0	0.6540000!	1
rs389096	a	g	-6.163999!	7.1119999!	+-	90.7	21.425000!	2
rs2064223	t	c	-5.847000!	5.0149999!	---	0	0.8060000!	2
rs4713470	t	c	-5.477000!	4.3280000!	--	0	1.0999999!	1
rs7149169	a	g	-6.16	7.2950000!	--	69.2	3.246	1
rs7304494	t	c	-6.844000!	7.6920000!	---	57.7	4.7240000!	2
rs9267951	t	c	5.4660000!	4.6000000!	?++	61.3	2.5840000!	1
rs6532173	t	c	5.8570000!	4.7120000!	++	0	0.3880000!	1
rs2376263	a	g	5.625	1.8580000!	++	0	2.4E-2	1
rs937355	a	g	6.601	4.0879999!	-+	96.2	26.081	1

rs7252448	t	c	-5.6280000C 1.82000000(--	71.0999999	3.46600000(1
rs2816648	t	c	5.69099999! 1.26500000(+++	42.1	3.45500000(2
rs1046801	t	c	-5.5510000C 2.847E-8 +--	90.3	20.59 2
rs9427342	c	g	5.63100000(1.789E-8 +++	63.3	5.452 2
rs6075493	a	c	-5.4870000C 4.08700000(---	37.1	3.17799999! 2
rs2643356	t	c	5.81500000(6.07100000(+++	84.1	12.5779999! 2
rs2859539	t	c	5.72100000(1.06000000(++	54.6	2.20500000(1
rs3423712	a	c	-5.67799999! 1.36200000(---	0	1.56 2
rs6009360	t	g	9.05799999! 1.33000000(+-	95.1	20.497 1
rs6782228	c	g	-6.51 7.49700000(--	0	7.69999999! 1
rs9810934	a	g	12.568 3.18199999! ++	85.9	7.07899999! 1
rs7692	a	c	-5.4550000C 4.908E-8 +--	78.2	9.17099999! 2
rs6182087	t	g	-5.8470000C 5.00100000(---	82.5	11.413 2
rs2135232	t	c	6.00900000(1.86500000(++	58.8	2.42499999! 1
rs1016952	a	g	-5.56599999! 2.60000000(+-	81.7	10.9049999! 2
rs3560997	a	g	6.11800000(9.499E-10 ++	0	3.59999999! 1
rs9399136	t	c	-5.4660000C 4.59799999! --	0	0.28799999! 1
rs4252066	a	g	5.56700000(2.59799999! ++	0	0.24099999! 1
rs854562	t	c	6.01100000(1.83800000(+++	59.8	4.97100000(2
rs7550207	t	c	-6.19 6.017E-10 --	82.5	5.726 1
rs7075281	a	c	6.97900000(2.96399999! +++	0	0.374 2
rs1018406	c	g	5.48 4.252E-8 +++	66.5	5.96100000(2
rs576123	t	c	-7.3760000C 1.62600000(?--	69.5999999! 3.29	1
rs3888652	a	g	6.35 2.15699999! +++	82.6	11.477 2
rs1671209	c	g	-5.6520000C 1.58400000(--	0	0.23400000(1
rs763781	t	c	-5.82599999! 5.67299999! --	86.8	7.59 1
rs2249581	t	c	-5.6950000C 1.22999999! ---	96.6	59.3380000(2
rs6214319	c	g	-8.68599999! 3.74499999! --?	92.1	12.628 1
rs6214319	c	g	-15.682 2.00199999! --?	97.2	35.6589999! 1
rs1166853	t	c	-6.59199999! 4.34299999! +-	96.6	29.1640000(1
rs1223917	t	c	5.593 2.23099999! ++	44.3	1.79499999! 1
rs704903	t	c	-10.066000C 7.83199999! --	77.9000000(4.52200000(1	
rs7167790	t	c	5.55 2.859E-8 +++	0	1.63 2
rs3438836	t	g	-5.50699999! 3.64300000(---	0	0.89200000(2
rs3924113	t	g	5.50399999! 3.70200000(++?	0	0.32800000(1
rs7308734	t	c	8.44100000(3.15600000(++	0	0.46100000(1
rs3509914	a	t	5.72100000(1.05799999! ?-+	87.2	7.82300000(1
rs4981026	a	g	-6.42 1.36E-10 --	81.5	5.39599999! 1
rs738409	c	g	-6.6950000C 2.15400000(+-	84.7	13.11 2
rs7163184	a	g	6.81099999! 9.67399999! ++	85.2	6.74 1
rs7163184	a	g	6.62899999! 3.386E-11 ++	0	0.1 1
rs6993770	a	t	5.67900000(1.35500000(+-+	62	5.26400000(2
rs2373048	a	t	-6.94099999! 3.89999999! --	53.9	2.17099999! 1
rs2367442	a	g	32.5319999! 3.75000000(+++	97.1	68.6470000(2
rs1671226	c	g	-6.423 1.339E-10 ---	27.4	2.75300000(2
rs7992475	a	g	5.46400000(4.64500000(+-	85.9	7.08300000(1
rs3525710	t	c	-5.5250000C 3.299E-8 --?	NA	NA NA
rs3482677	t	g	-6.0140000C 1.806E-9 ---	47.8	3.83199999! 2
rs3482677	t	g	-5.4740000C 4.39100000(--	0	0.108 1
rs2237085	a	g	-8.70599999! 3.15899999! ---	92.7	27.384 2

rs2253294	t	c	5.66	1.5160000(++)	0	0.8289999(1	
rs483879	t	c	-5.934999(9.2938E-9	--	0	1.7999999(1	
rs784492	t	g	5.524	3.3099999(++)	50.8	4.0629999(2	
rs4813271	a	c	-5.746000(9.1329999(	--	0	0.9190000(1	
rs1697923	t	c	-5.535000(3.1189999(	--	72.8	3.6789999(1	
rs4419163	a	t	-6.881000(5.9350000(+-?		NA	NA NA	
rs2887711	t	c	5.6920000(1.253E-8	?++	0	0.4020000(1	
rs1272105	c	g	-5.743000(9.2970000(---		0.2	2.004 2	
rs9620336	c	g	-5.652999(1.5770000(+-		72.900000(3.6880000(1		
rs7868232	t	c	5.5140000(3.5100000(+++		35.1	3.0790000(2	
rs3493934	t	c	-5.932999(2.9739999(	--	86.9	7.6420000(1	
rs7792461	a	g	-6.700999(2.0639999(---		49.5	3.9630000(2	
rs1125736	a	t	5.4630000(4.6730000(++)		19.600000(1.2430000(1		
rs9277379	a	c	-5.577	2.4500000(?)--	48.7	1.948 1	
rs6542680	t	c	-5.697000(1.219E-8	++-	95.3	42.216000(2	
rs2279555	a	g	5.6369999(1.735E-8	-+	91.3	11.513999(1	
rs5972474	a	g	-7.642000(2.1370000(+?		98.4	60.822000(1	
rs2093839	c	g	5.665	1.467E-8 ++	0	0.379 1	
rs1487888	t	c	5.875	4.2320000(++?)	NA	NA NA	
rs1002385	a	g	5.4630000(4.6929999(++)		26.1	1.353 1	
rs1773441	a	g	6.0540000(1.417E-9	++	0	0.9759999(1	
rs1257371	a	g	5.4749999(4.367E-8	+++	82.5	11.414999(2	
rs7914198	a	g	5.6479999(1.6239999(+++		0	0.5689999(2	
rs833065	a	g	5.6950000(1.234E-8	+++	0	1.5409999(2	
rs1086103	t	c	-5.913000(3.352E-9	--	0	0.1189999(1	
rs4732401	t	c	-8.051000(8.207E-16	---	0	1.9850000(2	
rs1671152	t	g	-5.543999(2.9630000(	--	0	0.9659999(1	
rs1468512	t	c	5.5910000(2.2530000(++)		0	0.7820000(1	
rs7947310	t	c	-5.607999(2.0479999(---		0	0.5979999(2	
rs1173722	a	g	5.6829999(1.3270000(++)		86.2	7.2409999(1	
rs562416	a	c	-5.681	1.342E-8 ---	91.8	24.31 2	
rs1155369	a	g	-5.569	2.5659999(---	0	1.5129999(2	
rs1048381	a	g	5.827	5.6509999(++)	0	2.5000000(1	
rs2012880	c	g	6.0339999(1.597E-9	++	0	0.35 1	
rs453821	t	c	5.5659999(2.613E-8	++	30.4	1.4370000(1	
rs1212775	t	c	-7.601	2.9280000(	--	83.2	5.9379999(1
rs1212775	t	c	-6.833000(8.2999999(+-		90.7	10.776 1	
rs1212775	t	c	-5.958999(2.5369999(+-		88.5	17.324000(2	
rs1295311	a	g	5.6420000(1.6849999(+		72.400000(3.6190000(1		
rs6857701	t	c	-5.778999(7.5070000(+-		87.4	7.9139999(1	
rs1721164	t	c	5.4829999(4.1859999(+++		90.9	21.968 2	
rs2741441	t	g	5.8879999(3.913E-9	++	74.7	7.9050000(2	
rs7268312	a	g	-5.887999(3.9190000(	--	79.099999(4.7839999(1		
rs6679677	a	c	5.633	1.7730000(++)	91.4	11.577999(1	
rs1287857	a	g	6.2549999(3.9739999(++)		0	0.7560000(1	
rs5667342	a	g	-15.35699(3.1709999(	--	95.7	23.323 1	
rs255056	c	g	5.6529999(1.578E-8	++	4.3	1.0449999(1	
rs2269443	a	g	-8.358000(6.3969999(---		86.9	15.294 2	
rs4850046	t	c	-6.043999(1.5050000(	--	0	3.3000000(1	
rs675849	t	c	-5.644000(1.6610000(++-		83	11.756 2	

rs1040245!a	g	-5.522000C 3.344E-8 --	37.4	1.5960000C1
rs7981506!a	g	5.6719999!1.413E-8 ++	0	1.6E-2 1
rs1740406!t	c	6.1829999!6.2740000C++	87.3	7.8739999!1
rs3490197!a	g	10.252000C1.159E-24 +++	87.5	15.978999!2
rs1089480!t	c	6.109 1.004E-9 +++	0	0.8379999!2
rs6571186 a	c	-5.54 3.0209999!+--	68.5	6.3470000C2
rs3845622 a	c	6.09 1.1309999!++	0	0.1330000C1
rs8013677!a	t	-5.79 7.041E-9 --	0	0.04 1
rs1212186!a	c	-6.139000C8.3100000C---	81.599999!10.853999!2	
rs5614747!a	g	5.84 5.2199999!++	78.099999!4.5759999!1	
rs3749260 a	c	5.8159999!6.0149999!--+	91.8	24.338999!2
rs1049110!t	g	6.51 7.533E-11 ++	0	7.0000000C1

HetPVal	EAF	beta	se	chr	position	Cytokine	genRegion
0.1569000	9.926000000000000	5.5361559	1.0108008	2	113360594	IL-1ra	intron
0.1686	9.793000000000000	-6.3352759	1.1396431	3	66401761	CCL11/eot	intron
0.1005000	9.759999999999999	0.2279981	3.7648299	17	30454415	CCL7/MCP	upstream
0.5031999	9.458999999999999	-6.0534369	1.0916927	6	31221351	HGF	intergenic
0.1396999	9.295000000000000	9.0714409	1.5608123	4	3241845	HGF	3_prime_U
1.6259999	9.002000000000000	0.1034463	1.1878102	6	31905130	IFNg	synonymo
0.8871999	8.835999999999999	7.4716480	1.2599744	3	46660223	SCGF-b	intron
6.6370000	8.670000000000000	0.1846937	3.3459008	4	70831665	CXCL1/GRC	upstream
0.1262000	8.658000000000000	6.1521220	1.1088901	9	33043127	M-CSF/CSF	3_prime_U
0.2280000	8.641999999999999	7.1103020	1.2724233	1	236108446	SCGF-b	upstream
9.9749999	8.609999999999999	0.2049842	3.4532380	15	81806029	IL-16	intron
5.5190000	8.447000000000000	5.9259439	1.0869303	15	71463600	IL-16	intron
3.8119999	8.399999999999999	0.3871357	3.9136249	19	51053661	SCGF-b	intron
2.4889999	8.276999999999999	6.7266329	1.2259218	6	31899815	CXCL8/IL-8	intron
0.1507999	8.276999999999999	7.6024419	1.2258049	6	31899815	TRAIL	intron
3.4809999	8.037999999999999	-8.2981460	1.2489683	19	45745857	G-CSF/CSF	intron
0.1398000	7.997999999999999	-5.836823E	1.0690153	5	88035532	VEGF	intron
0.8445000	7.990000000000000	0.2477754	3.5930318	17	34108212	CCL3/MIP-	intron
9.3950000	7.956000000000000	9.0991600	1.3217838	16	545996	SCGF-b	intron
1.435E-6	7.803999999999999	6.5767500	1.125963E	1	110459730	M-CSF/CSF	intron
2.8439999	7.630000000000000	8.1351859	1.0614805	20	44132654	SCF	intergenic
0.9751999	7.610000000000000	0.1060504	1.3478703	12	104149022	SCGF-b	intron
0.4156000	7.543999999999999	9.7124169	1.4010988	17	32678932	CCL7/MCP	upstream
0.8207999	7.51E-2	-9.2380450	1.6885480	9	120453971	CCL4/MIP-	intergenic
0.3569999	7.46E-2	-0.1221013	1.4441324	7	81515706	HGF	intergenic
0.1973999	7.320000000000000	0.2415203	4.2157513	2	3614546	IL-1b	intergenic
6.6489999	7.159999999999999	-0.171600E	1.1206207	6	43934340	VEGF	intergenic
1.2330000	7.102999999999999	-7.7162910	1.3928324	5	135222840	IL-9	intron
NA	6.850000000000000	0.1132235	2.0043113	5	68100579	IL-18	intergenic
0.5214999	6.784999999999999	-6.499125E	1.1820890	9	135861502	PDGFbb	intron
7.0980000	6.390999999999999	7.5628280	1.3820958	17	6962925	M-CSF/CSF	downstream
2.64E-2	6.349999999999999	0.3367903	4.4989355	19	50901551	SCGF-b	intron
5.1289999	6.304999999999999	0.1480770	1.5213922	17	32639058	CCL7/MCP	intergenic
0.7825999	6.199999999999999	0.2572876	4.5797011	2	2743107	IL-1b	intergenic
6.8519999	6.148E-2	0.1500931	1.4949515	17	66913936	CXCL12/SD	intron
6.9089999	5.995999999999999	0.1049357	1.1744345	3	45840051	CCL2/MCP	upstream
3.4099999	5.940999999999999	7.1293529	1.2418313	19	45412079	CCL3/MIP-	missense
8.6599999	5.899999999999999	0.1371462	1.9245890	17	34319064	CCL4/MIP-	downstream
1.0330000	5.897000000000000	-0.1055105	1.2814014	11	126232186	M-CSF/CSF	intron
9.9739999	5.861999999999999	-6.9650480	1.2334067	18	29382112	TRAIL	intergenic
0.3397	5.838999999999999	-7.4302969	1.2314049	1	156867990	PDGFbb	intron
1.9040000	5.680000000000000	7.4363890	1.2176829	20	43963739	SCF	intron
5.071E-3	5.561E-2	9.3569700	1.2893717	11	72943483	HGF	intron
5.4020000	5.079000000000000	8.7922230	1.5531219	4	121168969	FGF-b	intron
1.6139999	4.963000000000000	-0.200756E	1.4019317	15	83393723	IL-16	downstream
1.06E-4	4.698999999999999	0.2533442	1.4248834	15	81439371	IL-16	intron
1.0920000	4.680999999999999	8.8408139	1.3885368	15	86174098	IL-16	intron

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81358266 HGF intron
 179473273 SCF intron
 69180867 CXCL1/GRC intron
 73005872 CXCL1/GRC intron
 3032487 IL-1b intron
 74530753 CXCL8/IL-8 -
 31847180 CCL7/MCP- upstream
 55421435 SCGF-b intron
 44072655 TRAIL intron
 75202900 CCL11/eotb intron
 6744513 M-CSF/CSF intergenic
 34312337 CCL3/MIP-: 5_prime_U
 107585213 SCF intron
 43612904 SCF intron
 64401593 CXCL1/GRC intergenic
 124302061 FGF-b intergenic
 43883984 VEGF intergenic
 76875335 CXCL1/GRC intron
 72138143 CXCL1/GRC intron
 153655480 CXCL12/SD intron
 88564585 VEGF intron
 10148713 IL-1b non_coding
 123439970 FGF-b intergenic
 67884268 SCF intron
 71486305 CXCL1/GRC intergenic
 43278726 SCF intron
 43855489 VEGF intergenic
 33779964 RANTES upstream
 71538474 CXCL1/GRC intron
 66971780 SCF intron
 81467345 IL-16 intron
 44925153 CXCL12/SD intergenic
 196918145 IFNg intron
 50414185 SCGF-b intron
 43968412 VEGF missense
 3353632 IL-1b intron
 75137124 CXCL1/GRC intron
 103019462 SCGF-b intergenic
 122898197 FGF-b intergenic
 43961813 VEGF downstream
 42542761 CCL11/eotb intron
 94756943 TRAIL synonym
 39250894 CCL11/eotb upstream
 41067877 CCL11/eotb intergenic
 50829530 SCGF-b intron
 51195936 SCGF-b intron
 71719779 CXCL1/GRC downstream
 105084960 SCGF-b intron
 119298328 FGF-b intergenic
 32389429 CCL7/MCP- intron

4.2279999E-18	1.975E-2	-0.3646999	3.5998411E-18	29569416	TRAIL	downstream
2.2829999E-17	1.9310000000000000	0.1587284	2.2727440E-17	7399319	M-CSF/CSF	synonymous
6.8329999E-17	1.89E-2	0.2163144	3.6719479E-17	34088656	CCL4/MIP-1	intron
1.184E-53	1.8620000000000000	-0.1448477	2.2260296E-18	28811450	TRAIL	intergenic
4.4019999E-17	1.8429999999999999	0.2297421	2.2701794E-17	134973524	M-CSF/CSF	intron
0.5984000E-17	1.8069999999999999	0.1611972	2.6929035E-17	32786927	RANTES	intergenic
2.9240000E-20	1.7840000000000000	0.1803570	2.1286088E-20	44539057	SCF	intron
2.7319999E-18	1.7770000000000000	-0.1327234	2.2583539E-18	29008594	TRAIL	upstream
0.1097999E-4	1.762E-2	0.1338000	2.3176871E-4	73716661	CXCL1/GRC	intergenic
0.1092000E-12	1.524E-2	0.1719504	2.9183714E-12	101598983	SCGF-b	intron
4.9039999E-17	1.5049999999999999	-0.1929122	2.6055141E-17	7577644	M-CSF/CSF	intron
0.1191	1.391E-2	0.1681039	3.0698303E-2	1157438	IL-1b	intron
7.3150000E-4	1.3899999999999999	0.3168611	4.3086908E-4	77222245	CXCL10/IP-1	intron
6.3620000E-2	1.3809999999999999	-0.5531359	3.0678642E-2	3642756	IL-1b	splice_region
8.4699999E-18	1.342E-2	0.1528461	2.5180584E-18	28086266	TRAIL	intergenic
6.8669999E-4	1.289E-2	0.1701879	2.7203953E-4	72484429	CXCL1/GRC	intergenic
2.3579999E-4	1.0829999999999999	0.2062156	3.0842896E-4	68310149	CXCL1/GRC	intron
0.8625000E-4	1.068E-2	-0.2070315	3.4783526E-4	72955217	CXCL10/IP-1	intron
NA	0.9882999999999999	0.2795551	5.0252586E-2	31905273	IL-18	intergenic
6.5439999E-3	0.9801999999999999	-0.2883254	3.6780889E-3	45169491	CCL4/MIP-1	intron
2.2840000E-17	0.9770999999999999	-0.9384200	2.6199677E-17	32535173	CCL7/MCP-1	intergenic
0.1497999E-17	0.9760999999999999	0.1790922	3.1315290E-17	34034912	CCL4/MIP-1	intron
NA	0.9739999999999999	0.1809601	3.2227987E-5	68166499	IL-18	intron
1.3939999E-17	0.9569999999999999	-0.1303236	2.357946E-17	33826785	CCL4/MIP-1	intron
5.6240000E-4	0.9314000000000000	-0.2887680	1.1420977E-4	123697294	FGF-b	intergenic
2.711E-5	0.9230000000000000	-0.1621693	1.792125E-3	45183414	CCL4/MIP-1	intron
1.081E-2	0.8992999999999999	9.5418639E-3	1.478442E-3	46178538	CCL4/MIP-1	intergenic
NA	0.8297999999999999	7.1119870E-11	1.2433543E-11	104894171	IL-18	upstream
0.8201000E-17	0.8259999999999999	0.1220066	9.8305286E-17	34077428	RANTES	intron
1.0849999E-10	0.7733999999999999	-5.5931187	8.6971212E-10	44855927	CXCL12/SD	intergenic
5.3929999E-1	0.7653999999999999	4.6669749	7.5225256E-1	110557015	M-CSF/CSF	intron
5.9209999E-3	0.7435000000000000	0.1186491	1.1364864E-3	172216957	TRAIL	intergenic
NA	0.7020999999999999	-5.5717349E-12	1.0217742E-12	203530332	IL-18	intron
NA	0.6505999999999999	-7.1279800E-12	1.0006991E-12	31588577	IL-18	intron
3.7059999E-17	0.6182999999999999	0.1428638	1.0087119E-17	34415272	CCL3/MIP-1	downstream
0.6226000E-8	0.4984799999999999	-3.5697880E-8	5.6368039E-8	126475770	SCF	upstream
0.3715	0.4984600000000000	-3.5182739E-1	5.6364529E-1	205040943	PDGFbb	intron
6.0150000E-10	0.4979799999999999	-5.08802E-5	5.9128649E-10	64874754	CXCL1/GRC	downstream
0.5770999E-6	0.49195	-3.6654249E-6	6.4260610E-6	32601930	CCL3/MIP-1	intron
0.5361000E-4	0.4908500000000000	-4.7731629E-4	7.1669109E-4	187139939	IL-2	intron
NA	0.4874999999999999	6.1377750E-19	1.0385406E-19	54291411	IL-18	non_coding
0.7141999E-17	0.4871099999999999	-3.6187249E-17	5.983342E-17	38127112	CXCL8/IL-8	intron
1.8970000E-3	0.4870499999999999	3.4452160E-3	5.6404970E-3	98359663	SCF	intergenic
0.1514000E-9	0.4829800000000000	3.7390239E-9	6.8068879E-9	89356766	CXCL12/SD	intergenic
0.9769999E-10	0.4778	3.7972449E-10	6.8099809E-10	64934548	CXCL12/SD	intron
0.7768000E-8	0.4744300000000000	-4.4435959E-8	6.7820449E-8	59733378	CCL11/eotA	intron
0.5290000E-8	0.4741600000000000	-4.162834E-8	7.1600170E-8	70724911	SCGF-b	intron
8.2820000E-6	0.4652	-5.8527679E-6	6.8237940E-6	43911598	IL-10	intergenic
0.3542000E-7	0.46509	-3.2575060E-7	5.8107499E-7	80164380	PDGFbb	intron
0.1375000E-3	0.4648499999999999	-3.725991E-3	6.8279100E-3	165363821	IFNg	intron

0.5803000(0.46331	-3.91315E- 7.1708809(5	72168857	SCGF-b	intron	
NA	0.4625000000000000	5.5731830(1.0045391(12	111884608	IL-18	missense
7.8189999(0.455189999999999	3.3169629(6.0639179(17	57801761	M-CSF/CSF	intron	
3.8240000(0.452249999999999	-3.134056(5.7076230(1	234858597	SCF	upstream	
1.6019999(0.450299999999999	0.1964065(5.8148000(15	81596590	IL-16	intron	
2.248E-3	0.4482200000000000	-6.636198(5.8717029(9	2694834	VEGF	intergenic
0.1836000(0.44771	-3.361515(5.7738160(17	38136026	HGF	upstream	
7.5119999(0.44	5.0839549(8.96483E-33	46724548	CCL4/MIP-	intron	
0.8111000(0.439709999999999	-3.837231E5.7229400(9	99086062	PDGFbb	intron	
0.1668999(0.4391900000000000	-3.156563(5.7854919(2	20367135	HGF	intergenic	
0.3332999(0.4388000000000000	-3.991741E7.2314149(1	198603279	RANTES	upstream	
2.853E-6	0.4380200000000000	-5.824200(6.1391379(3	98489011	M-CSF/CSF	intron
4.8590000(0.43789	-3.256198(5.6807389(9	4763176	PDGFbb	intergenic	
0.1260999(0.435529999999999	-3.806371(6.8521529(3	165330411	G-CSF/CSF-	intron	
8.8819999(0.435419999999999	3.2663200(5.9151029(16	53799507	IL-1ra	intron	
4.224E-2	0.435099999999999	-3.248320(5.6848460(12	54692061	PDGFbb	intron
0.8105999(0.434419999999999	4.027791E7.2118010(1	205039288	SCGF-b	intron	
0.2121000(0.4341900000000000	-3.498061(5.9673520(15	78528538	IL-16	intron	
0.3042000(0.4310800000000000	4.4169960(6.8854179(4	120008227	FGF-b	intergenic	
5.6300000(0.4309600000000000	-3.891308(6.8400559(16	17576804	IL-4	intergenic	
0.1092000(0.4308000000000000	-3.853645E6.886428E-3	56857433	FGF-b	intron	
1.3829999(0.4297500000000000	4.6722609(6.358547E-3	98303182	M-CSF/CSF	intron	
0.7678000(0.424559999999999	-3.945946(7.237612E-16	451306	SCGF-b	upstream	
1.5259999(0.42429	6.0572790(6.0488110(1	159175354	CXCL8/IL-8	missense	
0.3554999(0.4220200000000000	-4.016318E6.8584659(7	75429731	CCL11/eot	intergenic	
1.594E-4	0.42196	-3.580184(5.9441870(2	42325560	CCL3/MIP-	intergenic
0.9040000(0.416619999999999	3.4721019(6.1836180(17	33696096	CCL3/MIP-	intron	
NA	0.414499999999999	4.6700904(6.1247088(11	112201569	IL-18	intron
0.9052999(0.413289999999999	-3.207134(5.8311550(16	53800954	HGF	intron	
0.1653999(0.41324	3.2114579(5.7687420(14	70653317	PDGFbb	intron	
0.1065	0.4121000000000000	-3.854697E6.9117750(2	162913498	CXCL12/SD	intron
0.315	0.41058	-3.607279E6.3665350(6	22114325	bNGF	intron
0.4168999(0.408669999999999	-3.759156(6.8886879(16	80022802	CCL11/eot	intergenic	
0.2198	0.4056100000000000	-3.190516(5.8252989(1	159131926	CCL2/MCP-	intergenic
0.6802000(0.4047700000000000	-4.394942(7.302996E-5	176827815	IL-2	upstream	
5.7490000(0.4029300000000000	3.2560810(5.7467020(8	106512481	PDGFbb	intron	
6.7840000(0.4029300000000000	3.7894129(5.9107989(8	106512481	VEGF	intron	
0.1012	0.3994400000000000	4.887147E7.3248610(10	64822828	RANTES	intergenic
4.2909999(0.3994400000000000	3.267478E5.9204169(10	64822828	VEGF	intergenic	
0.8389999(0.3984500000000000	3.5464229(5.8014449(2	31455148	PDGFbb	upstream	
0.9713000(0.3983800000000000	4.1897990(7.2954880(6	32401217	CXCL9/MIC	intergenic	
0.1028	0.397349999999999	4.1648770(7.3132179(1	196646176	CCL27/CTA	intron
1.1969999(0.397349999999999	4.4599939(6.9600399(1	196646176	IL-10	intron	
3.4069999(0.397349999999999	4.1529440(6.954025E-1	196646176	IL-17	intron	
5.4909999(0.397349999999999	5.5374239(6.9226460(1	196646176	IL-4	intron	
0.1282000(0.397349999999999	5.2125600(7.3375000(1	196646176	IL-5	intron	
0.1612000(0.397349999999999	5.6299309(7.3315940(1	196646176	IL-7	intron	
1.448E-2	0.397349999999999	4.6554480(7.3291060(1	196646176	TNF-a	intron
1.159E-4	0.397349999999999	6.3378879(7.5146880(1	196646176	TNF-b	intron
2.113E-12	0.397349999999999	4.693986E5.9200219(1	196646176	TRAIL	intron

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 5.3559999!0.34390999999999994.1823659!6.2386120!1
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 1.45E-5 0.3432299999999999-3.81547E-6.8995829!17
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113840058	IL-1ra	upstream
135463769	IL-9	upstream
49206108	M-CSF/CSF	intron
87996623	SCF	intron
56985139	SCF	intergenic
230294715	SCF	intron
47224014	CXCL12/SD	intron
2622134	VEGF	5_prime_U
73050599	IL-2	intergenic
161189344	SCF	intron
31538497	SCGF-b	upstream
56849749	RANTES	intron
107629104	SCF	intron
144646201	MIF	downstream
111865049	HGF	intron
111865049	IL-1ra	intron
111865049	CXCL12/SD	intron
38165485	IL-1ra	downstream
186969634	IL-1b	intron
191244826	SCGF-b	intergenic
128313880	CCL2/MCP-	intergenic
16131927	CXCL8/IL-8	intron
32587213	IL-2	intergenic
32381939	IL-16	intergenic
111360290	CCL3/MIP-	upstream
32590612	CCL2/MCP-	intergenic
224855511	PDGFbb	intron
54668471	IL-9	intron
33483115	CCL4/MIP-	intron
154395125	IL-6	intron
111359712	CXCL10/IP-	upstream
111359712	CXCL9/MIC	upstream
74482559	M-CSF/CSF	intron
32502814	IL-16	upstream
51216909	SCGF-b	intron
111715197	M-CSF/CSF	intron
27598097	IL-2	intron
27598097	M-CSF/CSF	intron
149341038	M-CSF/CSF	intron
6127641	IL-2ra	upstream
32411523	IL-2ra	intron
54764322	SCF	upstream
163794814	PDGFbb	intergenic
31472821	IFNg	intron
103833065	SCGF-b	upstream
89363909	SCF	intergenic
32212655	IL-6	intergenic
76998583	CXCL9/MIC	intron
33763678	CXCL10/IP-	3_prime_U
121570292	FGF-b	intron

6.2659999	0.30673	-4.144878	7.3647449	19	46142053	G-CSF/CSF- 5_prime_U
0.1778000	0.30667	3.5128899	6.172711E- 14		105708289	PDGFbb 5_prime_U
3.3800000	0.306589999999999	-3.393467E	6.1132529	15	58678512	SCF intron
6.5479999	0.305049999999999	3.4623080	6.1486550	1	159360156	CCL2/MCP- intron
0.2041	0.303369999999999	-3.458444C	6.3029770	20	19272791	PDGFbb intron
1.8569999	0.300389999999999	3.707742E-	6.3761690	15	101971388	PDGFbb intron
0.1376	0.293640000000000	4.2720859	7.4673769	3	12500065	CXCL12/SD intergenic
0.4583999	0.292659999999999	-3.545211C	6.2437669	10	64873883	PDGFbb downstreai
5.9730000	0.291650000000000	6.7916539	7.4979620	4	127266290	FGF-b intergenic
0.7821000	0.291580000000000	-5.120435C	7.865492E-	3	128323424	SCGF-b intergenic
7.7980000	0.28902	9.378061E-	7.4618569	3	45954352	CCL11/eot; intron
1.0200000	0.279059999999999	-3.662225C	6.7135199	6	43304007	VEGF 3_prime_U
3.3249999	0.277679999999999	-4.030413C	6.8931289	1	196209945	CXCL8/IL-8 intron
0.1194000	0.275839999999999	4.8070050	7.9996760	4	76832856	CXCL9/MIC downstreai
4.2849999	0.273689999999999	-3.661194C	6.5777819	2	113528872	IL-1ra downstreai
0.8501999	0.270359999999999	4.9247449	8.0496000	15	50324126	SCGF-b intron
0.5913000	0.269170000000000	-4.408490C	8.0652950	6	135402339	IL-9 intron
0.6233999	0.265849999999999	4.5038050	8.0901830	6	161127125	CXCL9/MIC intron
8.3260000	0.265699999999999	3.8658949	6.4313670	7	94947969	SCF intron
1.6719999	0.264450000000000	-4.753219C	7.6788669	1	159174885	CCL11/eot; intron
0.8295000	0.261570000000000	4.4750529	6.41217E-3	10	104220301	PDGFbb upstream
5.076E-2	0.261259999999999	3.5158790	6.4158380	2	224867341	PDGFbb intron
6.9709999	0.26016	-5.510220	7.470473E-	9	136144308	M-CSF/CSF intron
3.2200000	0.256730000000000	4.0468400	6.3729759	3	42726718	CCL2/MCP- upstream
0.6286000	0.256170000000000	-4.384231C	7.7569550	19	55551002	CCL11/eot; upstream
5.8710000	0.2535	-4.5005861	7.7250020	17	32488890	CCL11/eot; upstream
1.3030000	0.252790000000000	-3.875080C	6.8043549	1	159144581	CXCL1/GRC intron
3.7990000	0.251350000000000	-9.581795	1.1031310	19	54319624	IL-16 intron
2.3509999	0.251350000000000	-0.1720014	1.0968080	19	54319624	IL-1ra intron
6.6500000	0.251209999999999	-5.161392C	7.8297809	19	45328476	G-CSF/CSF- downstreai
0.1802999	0.249340000000000	4.4092779	7.8835650	1	198976492	FGF-b non_coding
3.347E-2	0.245040000000000	-7.920776C	7.8688419	3	43070847	CCL11/eot; intron
0.4425999	0.243020000000000	3.8270699	6.8956210	15	70345281	IL-16 intron
0.6402999	0.242540000000000	-3.801042	6.902203E-	1	196635470	IL-16 intron
0.5666999	0.239270000000000	6.0614519	1.1012813	4	38796255	CCL3/MIP-; downstreai
0.4971999	0.238350000000000	6.7073279	7.9461289	3	42811571	CCL11/eot; intron
5.1570000	0.23465	4.5967769	8.0349189	14	106952318	bNGF intron
2.018E-2	0.23351	-5.424893C	8.4499899	12	104152456	SCGF-b intron
1.423E-3	0.229979999999999	-4.803522	7.1747909	22	44324727	M-CSF/CSF missense
9.4280000	0.226560000000000	5.5401230	8.1340809	1	196186335	IFNg intergenic
0.7512999	0.226560000000000	5.671988E-	8.5563259	1	196186335	IL-13 intergenic
7.195E-2	0.224480000000000	4.0712779	7.1690039	8	106581528	CXCL8/IL-8 intron
0.1406	0.221099999999999	-7.897935C	1.137867E-	3	45834988	CCL4/MIP-; -
1.24E-15	0.218700000000000	0.2374000	7.2974306	4	74816843	CXCL1/GRC intergenic
0.2524000	0.21792	-4.544484E	7.075329E-	19	55502846	PDGFbb intron
7.7799999	0.217010000000000	4.5018280	8.2390699	19	44321973	G-CSF/CSF- intron
NA	0.216900000000000	-6.264350	1.1338192	7	26135404	IL-18 intergenic
0.1472	0.216320000000000	-4.193936	6.973623E-	8	106570964	HGF intron
0.7419999	0.216320000000000	-4.769973C	8.7138700	8	106570964	IL-7 intron
1.1319999	0.213109999999999	-6.688802C	7.6829799	5	149465249	M-CSF/CSF intron

0.3627000(0.21098	4.978233E-8.7954650(10	37706195	RANTES	intergenic
0.8929000(0.210240000000000	-5.206881E8.7731770(13	52127212	SCGF-b	downstream
0.1312000(0.20809	4.0243269(7.2851690(3	39175576	CXCL1/GRC	intron
0.3377999(0.207329999999999	-5.066620(8.8176469(20	17546574	SCGF-b	upstream
5.5109999(0.20646	-4.644323(8.3908300(19	45042765	G-CSF/CSF-	intron
NA 0.2054	-8.127080(1.1810899(19	54327568	IL-18	5_prime_U
0.5262999(0.2049	4.7653349(8.3719880(2	114233086	IL-1ra	intron
0.3672000(0.199809999999999	-4.048208(7.048945E-19	45422160	SCF	intron
5.4809999(0.199800000000000	-4.517179(7.9907653(22	24281620	MIF	upstream
0.2144000(0.198399999999999	4.0250840(7.299753E-9	136042264	SCF	upstream
5.7010000(0.19774	-5.058582(8.5261810(19	40421612	G-CSF/CSF-	missense
0.1378999(0.197009999999999	-4.785468(7.1414249(16	20392332	SCF	intron
0.2647999(0.192929999999999	4.9488770(9.0588999(10	11895507	SCGF-b	intron
0.1627000(0.183989999999999	-4.446350(7.9726569(6	33050325	CXCL8/IL-8	intron
6.8079999(0.183620000000000	-4.263982(7.4846089(2	3640142	TRAIL	upstream
6.9079999(0.183370000000000	4.9567380(8.7932189(10	44476596	CXCL12/SD	intergenic
6.2479999(0.181769999999999	-9.183481(1.2017117(3	186408443	TRAIL	intron
0.5383999(0.17659	5.3122330(9.3772869(9	79106652	SCGF-b	intron
NA 0.175600000000000	7.8171690(1.3305819(8	144562603	IL-18	intron
0.2447 0.175499999999999	6.3911460(1.169897E-4	38763693	CCL4/MIP-	upstream
0.3232999(0.16427	6.0471829(9.988739E-17	31320630	CCL7/MCP-	intron
3.3210000(0.162140000000000	4.630285E-8.4571420(2	134839539	M-CSF/CSF	intergenic
0.7522999(0.157370000000000	4.3715329(7.7399670(17	56398479	PDGFbb	intron
0.4628999(0.15619	4.7236630(8.2944049(6	43683804	VEGF	intergenic
0.73 0.155459999999999	-5.833880(9.8661949(12	103912506	SCGF-b	intergenic
0.3705999(0.154379999999999	-6.447408(8.0082079(7	81322168	HGF	upstream
0.3257999(0.151629999999999	-5.544208(1.0000376(19	55526345	RANTES	missense
0.3765 0.151400000000000	5.3047030(9.4879330(17	67219768	CXCL12/SD	intron
0.7416000(0.145960000000000	-4.801866(8.562531E-9	95857081	IL-16	upstream
7.1279999(0.14473	5.4859989(9.6533509(19	43361820	G-CSF/CSF-	upstream
5.2619999(0.144169999999999	-4.685703(8.2480239(3	172161842	TRAIL	downstream
0.4692999(0.142770000000000	-4.486855E8.0568410(12	122216910	PDGFbb	3_prime_U
0.874 0.140190000000000	5.9943780(1.0287245(6	32610445	CXCL10/IP-	synonym
0.5540000(0.13902	6.2345270(1.0332328(8	130545566	SCGF-b	intron
0.2305000(0.138940000000000	5.5775270(1.002071E-6	31935311	IL-4	intron
1.482E-2 0.13874	-7.485896(9.8485670(1	196648613	IFNg	intron
1.0280000(0.13874	-7.079517(1.0360774(1	196648613	IL-13	intron
1.73E-4 0.13874	-5.157484(8.6549499(1	196648613	CXCL8/IL-8	intron
5.7119999(0.138619999999999	5.8572859(1.0381576(17	33797534	RANTES	downstream
4.9059999(0.137419999999999	-5.723566(9.9040770(4	122315742	FGF-b	intergenic
1.6969999(0.136110000000000	4.690652E-8.5549010(15	80116362	IL-16	intergenic
1.9210000(0.134360000000000	4.8662049(8.264614E-20	43979887	SCF	upstream
2.8729999(0.133619999999999	-5.886638(9.9976879(1	66069781	CXCL12/SD	intron
6.6750000(0.133179999999999	5.9281689(1.0524E-2 1	114303808	CXCL9/MIC	upstream
0.3846 0.129599999999999	6.6566529(1.0642131(14	25045589	SCGF-b	upstream
1.37E-6 0.125200000000000	-0.2355984 1.534144E-17	34471393	CCL4/MIP-	intron
0.3066999(0.125040000000000	6.10968E-2 1.0807854(16	68016185	SCGF-b	upstream
4.7750000(0.12492	-6.985225(8.3575309(3	46491290	CCL2/MCP-	intron
0.8558999(0.124840000000000	-6.727700(1.1131205(2	3634606	TNF-b	intergenic
2.8010000(0.12439	-4.820193(8.5403860(9	15298666	SCF	intron

0.2064	0.12349	-5.6837029	1.0292835	19	37728707	CCL11/eot: intron
0.8979000	0.1226	6.1843410	1.090328E-3		46277577	CXCL9/MIC intron
5.0150000	0.12184	6.4295270	1.0398718	5	115319911	CXCL12/SD intron
3.391E-4	0.12073	8.6922910	8.4786299	3	45916786	CCL2/MCP: intron
0.6576999	0.119330000000000	5.9434029	9.7289290	11	134256805	M-CSF/CSF intron
4.1860000	0.11769	-5.2845219	9.5388490	6	95921373	M-CSF/CSF intergenic
0.7157999	0.11669	7.0212060	1.1529073	1	159171603	CCL7/MCP-3_prime_U
0.8424000	0.116250000000000	-6.4595159	1.1156332	3	45931005	CXCL10/IP- intron
4.3969999	0.11509	-6.0528699	9.8597000	1	9205332	M-CSF/CSF downstream
3.2419999	0.113989999999999	6.2428860	1.0689872	3	165798383	G-CSF/CSF- intergenic
5.1850000	0.102610000000000	5.9777660	1.0278139	3	98250862	M-CSF/CSF 5_prime_U
0.9338999	0.10221	7.2764919	1.1177407	17	32549026	CCL11/eot: intergenic

genName_locus	expl_var	locus distal	start	end	loci
AC012442.2q13	5.4805021757947095E- trans		112860594	113860594	22
SLC25A26 3p14.1	7.0911564929499805E- trans		65901761	66901761	34
CTD-2095E 17q11.2	1.00480719084735E-3 trans		29954415	30954415	132
TBC1D22B 6p21.33	6.2766015806122496E- trans		30721351	31721351	59
HTT 4p16.3	1.38759644342649E-3 trans		2741845	3741845	40
XXbac-BPG 6p21.33	1.75320027728335E-3 trans		31405130	32405130	59
RP11-509I2 3p21.31	8.9937721787542097E- trans		46160223	47160223	32
CSN2 4q13.3	5.8636987040634498E- trans		70331665	71331665	44
SMU1 9p21.1	5.9864308747018902E- trans		32543127	33543127	81
RP5-940F7.1q42.3	7.9830148186898705E- trans		235608446	236608446	15
CTD-2034I4 15q25.2	7.1732918054099996E- trans		81306029	82306029	118
THSD4 15q23	5.4315046518073199E- trans		70963600	71963600	115
LRRC4B 19q13.33	2.4967348495168202E- trans		50553661	51553661	145
XXbac-BPG 6p21.33	6.8703153026487905E- trans		31399815	32399815	59
XXbac-BPG 6p21.33	8.7758144611134697E- trans		31399815	32399815	59
EXOC3L2 19q13.32	1.0180018063888801E- trans		45245857	46245857	143
MEF2C 5q14.3	5.0137388733993899E- trans		87535532	88535532	53
MMP28 17q12	9.7321645275673797E- trans		33608212	34608212	133
RAB11FIP3 16p13.3	1.21261478005196E-3 trans		45996	1045996	122
CSF1 1p13.3	6.22417797678463E-4 trans		109959730	110959730	3
RP11-323C 20q13.12	9.3286854842186098E- trans		43632654	44632654	149
STAB2 12q23.3	1.5814831497942101E- trans		103649022	104649022	101
CCL13 17q12	1.31589554484053E-3 trans		32178932	33178932	133
RPL35AP22 9q33.1	1.18556360587982E-3 trans		119953971	120953971	187
HGF 7q21.11		cis			158
RNASEH1-7 2p25.3	8.47730778523455E-4 trans		3114546	4114546	17
VEGFA 6p21.1		cis			157
SLC25A48 5q31.1	7.8576140741875905E- trans		134722840	135722840	55
JMY 5q13.1	1.6359758366279501E- trans		67600579	68600579	51
GFI1B 9q34.13	5.3428801405078902E- trans		135361502	136361502	88
CTD-2545G 17p13.1	6.8436039119758297E- trans		6462925	7462925	130
POLD1 19q13.33	1.4313845760480599E- trans		50401551	51401551	145
CCL8 17q12	2.5906414086413801E- trans		32139058	33139058	133
AC018685.2p25.3	8.1575251804967899E- trans		2243107	3243107	17
ABCA8 17q24.2	2.5997346052025901E- trans		66413936	67413936	137
SLC6A20 3p21.31	1.24132279281545E-3 trans		45340051	46340051	32
APOE 19q13.32	5.6805468064884796E- trans		44912079	45912079	143
CCL15 17q12	2.08852264440947E-3 trans		33819064	34819064	133
ST3GAL4 11q24.2	1.2355396741297001E- trans		125732186	126732186	96
TRAPPC8 18q12.1	5.3541311434729595E- trans		28882112	29882112	139
PEAR1 1q23.1	6.07088323684602E-4 trans		156367990	157367990	6
SDC4 20q13.12	5.9252451439454701E- trans		43463739	44463739	149
P2RY2 11q13.4	9.1961224325109601E- trans		72443483	73443483	94
RP11-679C 4q27	7.4536312413990102E- trans		120668969	121668969	48
ACTG1P17 15q25.2	3.8019533439183901E- trans		82893723	83893723	119
CFAP161 15q25.1	5.7485070807841597E- trans		80939371	81939371	118
AKAP13 15q25.3	6.9748138544412498E- trans		85674098	86674098	120

HGF	7q21.11	5.3559881007629595E- trans	80858266	81858266	69
AXDND1	1q25.2	8.1509065089061005E- trans	178973273	179973273	9
YTHDC1	4q13.2	7.4027441250470397E- trans	68680867	69680867	43
NPFFR2	4q13.3	9.2842557929420503E- trans	72505872	73505872	44
LINC01250	2p25.3	1.1509942157713999E- trans	2532487	3532487	17
-	4q13.3	6.6212277233349405E- trans	74030753	75030753	44
SLC44A4	6p21.33	8.3742507974640299E- trans	31347180	32347180	59
MSI2	17q22	7.7596984438917799E- trans	54921435	55921435	135
XRCC1	19q13.31	2.0940906058895602E- trans	43572655	44572655	143
HIP1	7q11.23	7.4274682882854797E- trans	74702900	75702900	67
TEKT1	17p13.1	5.8463505842208695E- trans	6244513	7244513	130
CCL14	17q12	1.1027541294742599E- trans	33812337	34812337	133
ABCA1	9q31.1	1.48514770223336E-3 trans	107085213	108085213	86
STK4	20q13.12	7.9050071620437898E- trans	43112904	44112904	149
DPP3P1	4q13.1	5.93239942593458E-4 trans	63901593	64901593	42
RP11-404I7	4q28.1	7.1159668538632397E- trans	123802061	124802061	48
ACTG1P9	6p21.1	7.6785655699791505E- trans	43383984	44383984	60
SDAD1	4q21.1	6.3745111270246003E- trans	76375335	77375335	45
SLC4A4	4q13.3	1.3025523603241601E- trans	71638143	72638143	44
DPP6	7q36.2	6.9720101214382603E- trans	153155480	154155480	71
ZFPM1	16q24.2	8.8104816769858695E- trans	88064585	89064585	129
C3P1	19p13.2	1.00327148164524E-3 trans	9648713	10648713	140
RP11-170N	4q27	1.0175441778449E-3 trans	122939970	123939970	48
NUTF2	16q22.1	6.9110076780559801E- trans	67384268	68384268	127
AC112518	4q13.3	1.2262056738273699E- trans	70986305	71986305	44
UBR1	15q15.2	6.0752426316663195E- trans	42778726	43778726	111
ACTG1P9	6p21.1	9.1044796868602798E- trans	43355489	44355489	60
SLFN13	17q12	8.0456789188735895E- trans	33279964	34279964	133
JCHAIN	4q13.3	9.9077121683928599E- trans	71038474	72038474	44
CES2	16q22.1	5.7902075286986202E- trans	66471780	67471780	127
IL16	15q25.1	6.6407786337260605E- trans	80967345	81967345	118
RPL9P21	10q11.21	9.4298105130951899E- trans	44425153	45425153	91
CFHR2	1q31.3	9.4389845347209904E- trans	196418145	197418145	10
IL4I1	19q13.33	1.5864182365007101E- trans	49914185	50914185	145
C6orf223	6p21.1	7.6167421183345502E- trans	43468412	44468412	60
TSSC1	2p25.3	2.1797583128568099E- trans	2853632	3853632	17
MTHFD2L	4q13.3	8.0144564837194004E- trans	74637124	75637124	44
RP11-210L	12q23.2	8.4019023842807599E- trans	102519462	103519462	101
RP11-170N	4q27	1.3119192505217799E- trans	122398197	123398197	48
RP5-1120P	6p21.1	9.0431260827801997E- trans	43461813	44461813	60
VIPR1	3p22.1	2.1263778049204199E- trans	42042761	43042761	31
SERPINA10	14q32.13	6.2118749812995898E- trans	94256943	95256943	107
DSTNP4	3p22.2	7.2959039428378098E- trans	38750894	39750894	29
RP11-520A	3p22.1	8.0438215762772898E- trans	40567877	41567877	30
KCNC3	19q13.33	8.36216333016625E-4 trans	50329530	51329530	145
SHANK1	19q13.33	9.9004386906609006E- trans	50695936	51695936	145
RNU6-891F	4q13.3	9.8528340371638106E- trans	71219779	72219779	44
CHST11	12q23.3	1.4447518530518099E- trans	104584960	105584960	101
RP11-170N	4q26	8.6281529866619796E- trans	118798328	119798328	47
ASIC2	17q12	2.2298611756904601E- trans	31889429	32889429	133

RP11-326K	18q12.1	5.1499763548114603E- trans	29069416	30069416	139
POLR2A	17p13.1	9.5423098008894504E- trans	6899319	7899319	130
C17orf50	17q12	1.7353070838651099E- trans	33588656	34588656	133
DSC1	18q12.1	7.6677930376431002E- trans	28311450	29311450	139
MGAT5	2q21.2	1.9096684336374699E- trans	134473524	135473524	23
AC011193.	17q12	9.2211198070362105E- trans	32286927	33286927	133
PLTP	20q13.12	1.1399168947986401E- trans	44039057	45039057	149
DSG1-AS1	18q12.1	6.1493046262198995E- trans	28508594	29508594	139
AC112518.	4q13.3	6.1976658613902599E- trans	73216661	74216661	44
SLC5A8	12q23.1	8.8746655607577999E- trans	101098983	102098983	100
TP53	17p13.1	1.1033171856183199E- trans	7077644	8077644	130
SNTG2	2p25.3	7.7522784217446295E- trans	657438	1657438	16
CXCL10	4q21.1	cis			155
COLEC11	2p25.3	8.3338946912405506E- trans	3142756	4142756	17
RP11-675P	18q12.1	6.1861981450579402E- trans	27586266	28586266	139
AC112518.	4q13.3	7.3706540505189401E- trans	71984429	72984429	44
RP11-584P	4q13.2	9.11113372667657E-4 trans	67810149	68810149	43
NPFFR2	4q13.3	9.0575575969382104E- trans	72455217	73455217	44
AL133247.	2p23.1	1.8073389837602999E- trans	31405273	32405273	20
CDCP1	3p21.31	3.2268270619218698E- trans	44669491	45669491	32
CCL7	17q12	cis			162
AP2B1	17q12	1.4964959721462301E- trans	33534912	34534912	133
CTC-340D7	5q13.1	1.6585485755765601E- trans	67666499	68666499	51
SLFN12L	17q12	1.3978391246666499E- trans	33326785	34326785	133
FGF2	4q27	cis			156
CDCP1	3p21.31	3.7381802759132001E- trans	44683414	45683414	32
TKT	3p21.31	1.64903739496099E-3 trans	45678538	46678538	32
CASP5	11q22.3	1.4287126503051801E- trans	104394171	105394171	95
CCL5	17q12	cis			165
CXCL12	10q11.21	cis			159
CSF1	1p13.3	cis			151
TNFSF10	3q26.31	cis			153
FAM117B	2q33.2	1.2986148864248699E- trans	203030332	204030332	26
XDH	2p23.1	2.3099357493153901E- trans	31088577	32088577	20
CCL3	17q12	cis			164
RP11-136O	8q24.13	6.3716342978322805E- trans	125975770	126975770	75
CNTN2	1q32.1	6.1890672570133996E- trans	204540943	205540943	12
RNU6-543F	10q21.3	1.29437624938379E-3 trans	64374754	65374754	92
HLA-DQA1	6p21.32	6.7159289280159897E- trans	32101930	33101930	59
KLKB1	4q35.2	1.13877275986126E-3 trans	186639939	187639939	50
CTD-3022G	19q13.42	1.88243683872029E-3 trans	53791411	54791411	146
GSDMA	17q21.1	6.5432337326138898E- trans	37627112	38627112	134
RNU6-461F	3q12.1	5.9307755492240904E- trans	97859663	98859663	35
RP11-395D	9q21.33	6.9820505982219703E- trans	88856766	89856766	83
JMJD1C	10q21.3	7.1953222064989998E- trans	64434548	65434548	92
TOX	8q12.1	9.8469524471001295E- trans	59233378	60233378	72
SLC05A1	8q13.3	8.6414518654894196E- trans	70224911	71224911	73
ACTG1P9	6p21.1	1.7044478539040399E- trans	43411598	44411598	60
CD36	7q21.11	5.2798084049823996E- trans	79664380	80664380	68
LINC01322	3q26.1	6.9071989262339296E- trans	164863821	165863821	37

TNPO1	5q13.2	7.6151447766642901E- trans	71668857	72668857	52
SH2B3	12q24.12	1.5442827088630901E- trans	111384608	112384608	102
VMP1	17q23.1	5.4569381677010596E- trans	57301761	58301761	136
LINC01132	1q42.3	4.8663625578088398E- trans	234358597	235358597	14
IL16	15q25.1	cis			161
KCNV2	9p24.2	2.1783415897926399E- trans	2194834	3194834	78
PSMD3	17q21.1	5.5881021418443904E- trans	37636026	38636026	134
ALS2CL	3p21.31	1.27372037122299E-3 trans	46224548	47224548	32
SLC35D2	9q22.32	7.2551283222796004E- trans	98586062	99586062	85
RN7SL140F	2p24.1	4.9082580337253903E- trans	19867135	20867135	18
PTPRC	1q31.3	7.8476384520028396E- trans	198103279	199103279	11
ST3GAL6	3q12.1	1.67000340447786E-3 trans	97989011	98989011	35
ECM1P1	9p24.1	5.2196118900975895E- trans	4263176	5263176	79
LINC01322	3q26.1	7.1237909764152298E- trans	164830411	165830411	37
FTO	16q12.2	5.2454326936583198E- trans	53299507	54299507	125
NFE2	12q13.13	5.18690786006511E-4 trans	54192061	55192061	98
CNTN2	1q32.1	7.9720076135370596E- trans	204539288	205539288	12
ACSBG1	15q25.1	6.0122279284401104E- trans	78028538	79028538	116
RP11-170N	4q26	9.5695845332620095E- trans	119508227	120508227	47
XYLT1	16p12.3	7.4267869855800103E- trans	17076804	18076804	123
ARHGEF3	3p14.3	7.2830617322394004E- trans	56357433	57357433	33
CPOX	3q12.1	1.0699546371757201E- trans	97803182	98803182	35
DECR2	16p13.3	7.6080155732633197E- trans	-48694	951306	122
ACKR1	1q23.2	1.7924692771533E-3 trans	158675354	159675354	7
CCL26	7q11.23	7.86922608246144E-4 trans	74929731	75929731	67
PKDCC	2p21	6.2527327445753502E- trans	41825560	42825560	21
SLFN11	17q12	5.8601211737800501E- trans	33196096	34196096	133
IL18	11q23.1	cis			160
FTO	16q12.2	4.9881886061230803E- trans	53300954	54300954	125
SLC8A3	14q24.2	5.0014662400484403E- trans	70153317	71153317	106
DPP4	2q24.2	7.1997358349416797E- trans	162413498	163413498	24
CASC15	6p22.3	6.2981372582584497E- trans	21614325	22614325	58
RP11-148N	16q23.2	6.8298881999328902E- trans	79522802	80522802	128
CADM3	1q23.2	4.9083101489201596E- trans	158631926	159631926	7
GRK6	5q35.3	9.3074265585296604E- trans	176327815	177327815	57
ZFPM2	8q23.1	5.1012340527966402E- trans	106012481	107012481	74
ZFPM2	8q23.1	6.9092153830960798E- trans	106012481	107012481	74
RNU6-543F	10q21.3	1.1459053741539301E- trans	64322828	65322828	92
RNU6-543F	10q21.3	5.1222797779907801E- trans	64322828	65322828	92
EHD3	2p23.1	6.0291574805442297E- trans	30955148	31955148	20
TBC1D22B	6p21.32	8.4146521160276201E- trans	31901217	32901217	59
CFH	1q31.3	8.30754560422631E-4 trans	196146176	197146176	10
CFH	1q31.3	9.5265778943781295E- trans	196146176	197146176	10
CFH	1q31.3	8.2600090623994996E- trans	196146176	197146176	10
CFH	1q31.3	1.46853374756017E-3 trans	196146176	197146176	10
CFH	1q31.3	1.3012792599439501E- trans	196146176	197146176	10
CFH	1q31.3	1.51800960085882E-3 trans	196146176	197146176	10
CFH	1q31.3	1.03798561308534E-3 trans	196146176	197146176	10
CFH	1q31.3	1.92378925393652E-3 trans	196146176	197146176	10
CFH	1q31.3	1.05524172173201E-3 trans	196146176	197146176	10

IL1RN	2q13		cis		152
SMAD5	5q31.1	8.1607241777553199E-	trans	134963769 135963769	55
FUT2	19q13.33	6.6405945591034099E-	trans	48706108 49706108	144
AFF1	4q21.3	4.8557230311331302E-	trans	87496623 88496623	46
AC012181	16q13	8.2888882859038203E-	trans	56485139 57485139	126
GALNT2	1q42.13	5.0900835934639403E-	trans	229794715 230794715	13
KIF9-AS1	3p21.31	7.0072022873914899E-	trans	46724014 47724014	32
VLDLR	9p24.2	1.8866226726766699E-	trans	2122134 3122134	78
MLXIPL	7q11.23	8.5941261221868801E-	trans	72550599 73550599	66
FCER1G	1q23.3	6.6034595600466303E-	trans	160689344 161689344	8
TNF	6p21.33	7.8087639640987802E-	trans	31038497 32038497	59
ARHGEF3	3p14.3	1.1218117435089E-	3 trans	56349749 57349749	33
ABCA1	9q31.1	9.4421060401405103E-	trans	107129104 108129104	86
MROH6	8q24.3	8.7523485015781602E-	trans	144146201 145146201	77
SH2B3	12q24.12	7.3098507065862996E-	trans	111365049 112365049	102
SH2B3	12q24.12	6.8996689432661198E-	trans	111365049 112365049	102
SH2B3	12q24.12	8.1720087968159604E-	trans	111365049 112365049	102
RP11-387H	17q21.1	1.4309244230579E-	3 trans	37665485 38665485	134
MASP1	3q27.3	7.7392734949016998E-	trans	186469634 187469634	39
INPP1	2q32.2	8.3435772375765904E-	trans	190744826 191744826	25
MRPL3	3q21.3	4.8607064195256301E-	trans	127813880 128813880	36
PIGL	17p11.2	6.6783579596938001E-	trans	15631927 16631927	131
TBC1D22B	6p21.32	8.1219442004521001E-	trans	32087213 33087213	59
TBC1D22B	6p21.32	6.6213791058403399E-	trans	31881939 32881939	59
MYL2	12q24.11	5.2542731023682502E-	trans	110860290 111860290	102
CCL2	17q12	1.0002378863185799E-	trans	32090612 33090612	133
SERPINE2	2q36.1	6.1182726406084004E-	trans	224355511 225355511	27
CBX5	12q13.13	1.0115744037395599E-	trans	54168471 55168471	98
UNC45B	17q12	1.1916361677009699E-	trans	32983115 33983115	133
IL6R	1q21.3	7.8937303887324599E-	trans	153895125 154895125	5
MYL2	12q24.11	8.63627355418649E-	4 trans	110859712 111859712	102
MYL2	12q24.11	1.04993132477943E-	3 trans	110859712 111859712	102
RHBDF2	17q25.1	6.5633358680030295E-	trans	73982559 74982559	138
HLA-DRB5	6p21.32	7.4988083344574305E-	trans	32002814 33002814	59
CLEC11A	19q13.33		cis		167
CUX2	12q24.12	7.1086450156395103E-	trans	111215197 112215197	102
SNX17	2p23.3	1.6434581149378799E-	trans	27098097 28098097	19
SNX17	2p23.3	5.4187295396483399E-	trans	27098097 28098097	19
SLC26A2	5q32	6.0122416663412601E-	trans	148841038 149841038	56
IL2RA	10p15.1		cis		168
HLA-DRA	6p21.32	8.6760488693399002E-	trans	31911523 32911523	59
LILRB5	19q13.42	6.13021527969365E-	4 trans	54264322 55264322	146
RP1-155D2	6q26	5.43121975899107E-	4 trans	163294814 164294814	64
MICB	6p21.33	6.9414608821835003E-	trans	30972821 31972821	59
HMGB3P2f	14q32.32	9.7211802719778895E-	trans	103333065 104333065	108
RP11-13A1	12q21.33	7.8661473797319496E-	trans	88863909 89863909	99
TBC1D22B	6p21.32	6.4507514373946103E-	trans	31712655 32712655	59
ART3	4q21.1	8.7705328899572604E-	trans	76498583 77498583	45
SLFN13	17q12	8.0873405871636204E-	trans	33263678 34263678	133
RP11-501E	4q27	1.01298695207913E-	3 trans	121070292 122070292	48

EML2	19q13.32	7.3065501803614298E- trans	45642053 46642053 143
BRF1	14q32.33	5.2477167164488602E- trans	105208289 106208289 109
ALDH1A2	15q21.3	4.8962698143655502E- trans	58178512 59178512 113
RP11-550P	1q23.2	5.0826005919489005E- trans	158860156 159860156 7
SLC24A3	20p11.23	5.0555253933588101E- trans	18772791 19772791 148
PCSK6	15q26.3	5.7781723016832201E- trans	101471388 102471388 121
LINC00690	3p25.2	7.57096576662605E-4 trans	12000065 13000065 28
RNU6-543f	10q21.3	5.2036222057604204E- trans	64373883 65373883 92
RP11-404I7	4q28.1	1.90585993367838E-3 trans	126766290 127766290 49
MRPL3	3q21.3	1.0831591078156501E- trans	127823424 128823424 36
LZTFL1	3p21.31	3.6144430232380501E- trans	45454352 46454352 32
ZNF318	6p21.1	5.3965568159749903E- trans	42804007 43804007 60
KCNT2	1q31.3	6.5163340291681296E- trans	195709945 196709945 10
NAAA	4q21.1	9.23147121423978E-4 trans	76332856 77332856 45
IL1A	2q13	5.32913145035629E-4 trans	113028872 114028872 22
ATP8B4	15q21.2	9.5686036135058197E- trans	49824126 50824126 112
HBS1L	6q23.3	7.6463247060063497E- trans	134902339 135902339 62
PLG	6q26	7.9179110922326403E- trans	160627125 161627125 63
PON1	7q21.3	5.8317001626418904E- trans	94447969 95447969 70
ACKR1	1q23.2	8.7894442484812998E- trans	158674885 159674885 7
MFSD13A	10q24.32	7.7361276432408701E- trans	103720301 104720301 93
SERPINE2	2q36.1	4.7715818046151898E- trans	224367341 225367341 27
ABO	9q34.2	1.16881657792962E-3 trans	135644308 136644308 88
KLHL40	3p22.1	6.2500758598681703E- trans	42226718 43226718 31
GP6	19q13.42	7.32518860731576E-4 trans	55051002 56051002 146
CCL11	17q12	cis	166
CADM3	1q23.2	5.6727534250623497E- trans	158644581 159644581 7
NLRP12	19q13.42	3.4552665418877402E- trans	53819624 54819624 146
NLRP12	19q13.42	1.11340182886731E-2 trans	53819624 54819624 146
BCAM	19q13.32	1.00221441199985E-3 trans	44828476 45828476 143
LINC01222	1q32.1	7.2778011994065195E- trans	198476492 199476492 11
FAM198A	3p22.1	2.3212738806870801E- trans	42570847 43570847 31
TLE3	15q23	5.3887648068930898E- trans	69845281 70845281 114
CFH	1q31.3	5.3085833152927402E- trans	196135470 197135470 10
TLR1	4p14	1.33752568089855E-3 trans	38296255 39296255 41
CCDC13	3p22.1	1.63342684024413E-3 trans	42311571 43311571 31
LINC00221	14q32.33	7.5895759620798098E- trans	106452318 107452318 110
STAB2	12q23.3	1.0534752235049E-3 trans	103652456 104652456 101
PNPLA3	22q13.31	8.1722533102671405E- trans	43824727 44824727 150
KCNT2	1q31.3	1.0756690531196799E- trans	195686335 196686335 10
KCNT2	1q31.3	1.1274842065087699E- trans	195686335 196686335 10
ZFPM2	8q23.1	5.7711474248286099E- trans	106081528 107081528 74
SLC6A20	3p21.31	2.1484613852618601E- trans	45334988 46334988 32
CXCL1	4q13.3	cis	154
NLRP2	19q13.42	7.0395909326370295E- trans	55002846 56002846 146
LYPD5	19q13.31	6.8872167993089305E- trans	43821973 44821973 143
AC004520.	7p15.2	1.3330883690953501E- trans	25635404 26635404 65
ZFPM2	8q23.1	5.9636100514017497E- trans	106070964 107070964 74
ZFPM2	8q23.1	7.7143133370234803E- trans	106070964 107070964 74
CSF1R	5q32	1.50052947779155E-3 trans	148965249 149965249 56

ANKRD30A	10p11.21	8.2510597901523902E- trans	37206195	38206195	90
INTS6-AS1	13q14.3	9.0031768633362598E- trans	51627212	52627212	104
TTC21A	3p22.2	5.3375696831284996E- trans	38675576	39675576	29
DSTN	20p12.1	8.4376446553216305E- trans	17046574	18046574	147
CEACAM22	19q13.31	7.0677269199290302E- trans	44542765	45542765	143
NLRP12	19q13.42	2.1559965683764799E- trans	53827568	54827568	146
CBWD2	2q13	7.3991286895497396E- trans	113733086	114733086	22
APOC1	19q13.32	5.2404211081320503E- trans	44922160	45922160	143
MIF	22q11.23	cis			169
GBGT1	9q34.2	5.1532269372781903E- trans	135542264	136542264	88
FCGBP	19q13.2	8.1189043518387104E- trans	39921612	40921612	142
PDILT	16p12.3	7.24565110643184E-4 trans	19892332	20892332	124
PROSER2	10p14	7.6270094427123298E- trans	11395507	12395507	89
HLA-DPB1	6p21.32	5.9364550380538702E- trans	32550325	33550325	59
COLEC11	2p25.3	5.4509608238148305E- trans	3140142	4140142	17
LINC00841	10q11.21	7.3582669351476403E- trans	43976596	44976596	91
RP11-795A	3q27.3	2.5086626570959801E- trans	185908443	186908443	39
GCNT1	9q21.13	8.2066605468603397E- trans	78606652	79606652	82
ZC3H3	8q24.3	1.76925932211162E-3 trans	144062603	145062603	77
RNA5SP15	4p14	1.1821028214372099E- trans	38263693	39263693	41
SPACA3	17q11.2	1.0040618541733799E- trans	30820630	31820630	132
MGAT5	2q21.2	5.8251493977190495E- trans	134339539	135339539	23
TSPOAP1	17q22	5.0682307551266795E- trans	55898479	56898479	135
ACTG1P9	6p21.1	5.8814674912681798E- trans	43183804	44183804	60
RP11-6261	12q23.3	8.93684066871345E-4 trans	103412506	104412506	101
AC010091	7q21.11	1.0853419410618501E- trans	80822168	81822168	69
GP6	19q13.42	7.9082359835077698E- trans	55026345	56026345	146
ABCA10	17q24.3	7.2307116937172296E- trans	66719768	67719768	137
CARD19	9q22.31	5.7486029870040497E- trans	95357081	96357081	84
PSG8	19q13.2	7.4508058123293295E- trans	42861820	43861820	143
GHSR	3q26.31	5.4180363637596895E- trans	171661842	172661842	38
TMEM120	12q24.31	4.9277468187069096E- trans	121716910	122716910	103
HLA-DQA1	6p21.32	8.6623908359035305E- trans	32110445	33110445	59
CCDC26	8q24.21	9.3048068664821498E- trans	130045566	131045566	76
SKIV2L	6p21.33	7.4434464391415797E- trans	31435311	32435311	59
CFH	1q31.3	1.3392249812266201E- trans	196148613	197148613	10
CFH	1q31.3	1.1977697590288901E- trans	196148613	197148613	10
CFH	1q31.3	6.3568492203332899E- trans	196148613	197148613	10
SLFN12L	17q12	8.1930109377330198E- trans	33297534	34297534	133
RP11-170N	4q27	7.7662741022930897E- trans	121815742	122815742	48
RNU6-667	15q25.1	5.1742201637195004E- trans	79616362	80616362	117
SDC4	20q13.12	5.5083066349522597E- trans	43479887	44479887	149
LEPR	1p31.3	8.0231458669738397E- trans	65569781	66569781	2
PHTF1	1p13.2	8.1140761906711202E- trans	113803808	114803808	4
CTSG	14q12	9.996908487743439E-4 trans	24545589	25545589	105
CCL4	17q12	cis			163
DPEP3	16q22.1	8.1677810693319395E- trans	67516185	68516185	127
LTF	3p21.31	1.06676934870105E-3 trans	45991290	46991290	32
RPS7	2p25.3	9.8901887250651792E- trans	3134606	4134606	17
TTC39B	9p22.3	5.0612199575581602E- trans	14798666	15798666	80

ZNF383	19q13.12	6.9932879929276201E- trans	37228707	38228707	141
CCR3	3p21.31	8.2282021411931401E- trans	45777577	46777577	32
LVRN	5q23.1	8.8460947353415098E- trans	114819911	115819911	54
LZTFL1	3p21.31	1.60411672258856E-3 trans	45416786	46416786	32
B3GAT1	11q25	7.4244313678858997E- trans	133756805	134756805	97
RP11-374I1	16q16.1	5.7996552771780998E- trans	95421373	96421373	61
CADM3	1q23.2	1.01624919179461E-3 trans	158671603	159671603	7
CCR9	3p21.31	8.5733852737165201E- trans	45431005	46431005	32
MIR34AHG	1p36.22	7.4625865597516196E- trans	8705332	9705332	1
SLC2A2	3q26.1	7.8723824014479402E- trans	165298383	166298383	37
GPR15	3q11.2	6.5808005744472597E- trans	97750862	98750862	35
LINC01989	17q12	9.7172250280066705E- trans	32049026	33049026	133

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Supplementary Table S2: significant trans-acting heterogenic SNPs from GWAS meta-analysis

SNP	Allele1	Allele2	Zscore	P.value	Direction	HetISq	HetChiSq
rs35099140	a	t	5.7210000	1.0579999E-22	?	87.2	7.8230000
rs116758863	t	g	-5.6390000	1.7109999E-22	--	74.400000	3.9129999
rs11920996	t	c	9.6329999	5.825E-22	++	94.1	17.003
rs140921648	a	c	5.6890000	1.28E-8	++	76.2	4.21
rs704903	t	c	-10.066000	7.8319999E-22	--	77.900000	4.5220000
rs7550207	t	c	-6.19	6.017E-10	--	82.5	5.726
rs9810934	a	g	12.568	3.1819999E-22	++	85.9	7.0789999
rs78836533	a	g	5.6609999	1.5060000E-22	++	95.2	20.689
rs937355	a	g	6.601	4.0879999E-22	++	96.2	26.081
rs6857701	t	c	-5.7789999	7.5070000E-22	+-	87.4	7.9139999
rs141091752	c	g	7.5119999	5.8250000E-22	++	95.8	23.896000
rs141635731	t	g	6.6150000	3.714E-11	++	63.8	2.7650000
rs115049760	a	g	-5.5309999	3.1769999E-22	+-	96.2	26.341999
rs60093606	t	g	9.0579999	1.3300000E-22	++	95.1	20.497
rs11668536	t	c	-6.5919999	4.3429999E-22	+-	96.6	29.164000
rs117372248	a	g	5.6829999	1.3270000E-22	++	86.2	7.2409999
rs11880654	t	c	-6.6440000	3.0499999E-22	+-	95.4	21.530999
rs16979231	t	c	-5.5350000	3.1189999E-22	--	72.8	3.6789999
rs34939346	t	c	-5.9329999	2.9739999E-22	--	86.9	7.6420000
rs56147474	a	g	5.84	5.2199999E-22	++	78.099999	4.5759999
rs7252448	t	c	-5.6280000	1.8200000E-22	--	71.099999	3.4660000
rs79924756	a	g	5.4640000	4.6450000E-22	++	85.9	7.0830000
rs10019504	a	g	7.6079999	2.7779999E-22	??	94.6	18.677
rs10995445	a	t	-8.6050000	7.629E-18	---	64.400000	5.6219999
rs114296817	a	c	6.6859999	2.294E-11	??	89.2	9.2469999
rs114536173	a	t	7.0309999	2.0470000E-22	??	93.9	16.404
rs115275434	t	c	-7.2569999	3.9549999E-22	+-	81.900000	11.044
rs146702741	t	c	6.2560000	3.9399999E-22	++	91.6	23.777999
rs192031641	c	g	-5.5490000	2.8719999E-22	+-	81.2	10.661
rs192437265	t	c	5.8550000	4.7559999E-22	++	91.6	23.837
rs2249581	t	c	-5.6950000	1.2299999E-22	---	96.6	59.338000
rs28624853	a	g	-8.0909999	5.9279999E-22	?	95.9	24.382999
rs377499720	a	g	-5.9240000	3.143E-9	?	65	2.8540000
rs56042607	a	g	6.8070000	9.9809999E-22	?	97.1	34.606999
rs57619473	a	c	-6.0979999	1.0769999E-22	?	93.6	15.504
rs78898749	t	c	5.52	3.3850000E-22	++	91.6	23.846
rs149467613	a	g	7.2569999	3.9629999E-22	+++	81.099999	10.568
rs5745692	c	g	-5.4909999	3.9990000E-22	---	80.2	10.125999
rs1042663	a	g	8.7089999	3.0749999E-22	++	93	14.22
rs116224050	a	g	6.38	1.769E-10	+	89.6	9.5939999
rs12127759	t	c	-7.601	2.9280000E-22	--	83.2	5.9379999
rs71631848	a	g	6.8109999	9.6739999E-22	++	85.2	6.74
rs1329424	t	g	6.4080000	1.478E-10	+	90.5	10.494999
rs7739450	a	g	-8.577	9.7050000E-22	--	99.4	160.62
rs12127759	t	c	-6.8330000	8.2999999E-22	+-	90.7	10.776
rs11072257	t	c	5.452	4.9940000E-22	++	65.5	5.7939999
rs138561568	a	c	5.9359999	2.9119999E-22	??	84.9	6.6390000

rs139576939	c	g	-14.32	1.6500000(+--	97.2	72.724999!
rs17211644	t	c	5.4829999!	4.1859999!++	90.9	21.968
rs62143194	c	g	-8.685999!	3.7449999!--?	92.1	12.628
rs71404763	a	c	17.78	1.014E-70 +++	89.1	18.303999!
rs72851055	c	g	5.7359999!	9.6820000(!?++	78.2	4.5940000!
rs75156308	a	g	6.367	1.9260000(+++	85.3	13.64
rs1329424	t	g	5.9720000!	2.3450000(!+ +	88.3	8.5749999!
rs143732640	t	c	9.1920000!	3.8710000(++ +	70.8	3.4260000!
rs16997771	t	c	-6.235999!	4.48E-10 +-	92.3	12.989000!
rs75564661	a	g	-6.674999!	2.4699999!+-	94.8	19.077999!
rs77246730	t	c	-18.03	1.136E-72 +-	97.4	38.207000!
rs7221894	t	c	-5.468	4.545E-8 --?	66.2	2.9569999!
rs9937053	a	g	5.5220000!	3.358E-8 +++	58.7	4.8419999!
rs62143194	c	g	-15.682	2.0019999!--?	97.2	35.658999!
rs10169524	a	g	-5.565999!	2.6000000(+--	81.7	10.904999!
rs4665972	t	c	8.0009999!	1.2329999!++	72.8	3.6789999!
rs1329424	t	g	7.9989999!	1.25E-15 -+	96	25.082999!
rs7194068	t	g	-5.689000!	1.2779999!--	72.599999!	3.6429999!
rs11265611	a	g	6.7039999!	2.0239999!+++	95.3	42.695
rs12075	a	g	10.013999!	1.319E-23 +++	76.099999!	8.3659999!
rs12127759	t	c	-5.958999!	2.5369999!+-	88.5	17.324000!
rs41285751	t	g	5.4870000!	4.0870000(!?++	80.099999!	5.032
rs61820876	t	g	-5.847000!	5.0010000(---	82.5	11.413
rs6993770	a	t	5.6790000!	1.3550000(!++	62	5.2640000!
rs942053	t	c	5.8410000!	5.2030000(+++	78.7	9.3729999!
rs11742478	a	c	-5.54	3.0180000(+-	84	6.2629999!
rs7964426	t	c	-6.288000!	3.2099999!+-	80	5.0090000!
rs573764538	t	c	5.4720000!	4.4589999!?!+ +	86.2	7.2480000!
rs41556717	t	c	6.984	2.8719999!++	88.1	16.77
rs17880604	c	g	-7.403999!	1.3170000(+--	89.9	19.846
rs12121864	a	c	-6.139000!	8.3100000(---	81.599999!	10.853999!
rs4665972	t	c	-5.450999!	4.9959999!+-	82.4	11.379
rs738409	c	g	-6.695000!	2.1540000(+--	84.7	13.11
rs679574	c	g	-6.035000!	1.5859999!++	94.7	37.590000!
rs8081395	a	g	5.47	4.5079999!++	60.8	5.0970000!
rs12940443	t	c	-5.53	3.194E-8 +-	91	22.283000!
rs6571186	a	c	-5.54	3.0209999!+-	68.5	6.3470000!
rs3749260	a	c	5.8159999!	6.0149999!--+	91.8	24.338999!
rs3804622	a	g	7.3479999!	2.0180000(+ + +	93.7	31.588000!
rs3755573	t	c	-9.487000!	2.3699999!---	92.2	25.533999!
rs3093044	a	g	5.8410000!	5.2030000(!++	92.6	26.908999!
rs1265565	t	c	6.1890000!	6.0399999!++	62.8	5.3719999!
rs75071241	a	g	-8.234	1.8179999!---	93.8	32.171999!
rs1257371	a	g	5.4749999!	4.367E-8 +++	82.5	11.414999!
rs77155840	t	c	10.119999!	4.489E-24 --+	97.6	84.534000!
rs576123	t	c	-7.376000!	1.6260000(!?--	69.599999!	3.29
rs245056	a	t	5.7409999!	9.4349999!+++	92.4	26.475999!
rs2237085	a	g	-8.705999!	3.1589999!---	92.7	27.384
rs2269443	a	g	-8.358000!	6.3969999!---	86.9	15.294
rs34901975	a	g	10.252000!	1.159E-24 +++	87.5	15.978999!

rs3888652	a	g	6.35	2.1569999!+++	82.6	11.477
rs4857857	a	g	5.6	2.1439999!+++	87.4	15.8610000!
rs62245068	t	c	8.9350000!4.0829999!+++	62.6	5.3449999!	
rs9427342	c	g	5.6310000!1.789E-8 +++	63.3	5.452	
rs1233653	t	c	9.7330000!2.1730000!+-	87.2	7.8330000!	
rs6679677	a	c	5.633 1.7730000!++	91.4	11.577999!	
rs9903158	t	c	-8.000999!1.2329999!++-	98.5	137.18899!	
rs62140208	a	g	-6.022999!1.707E-9 ---	88.6	17.488	
rs7412	t	c	5.7409999!9.3999999!-++	70.400000!6.7569999!		
rs11658282	t	c	-5.485000!4.1239999!--	82.5	5.718	
rs34437725	t	c	-5.527000!3.2539999!--	83.5	6.0460000!	
rs76960253	t	c	5.891 3.8369999!++	97.9	47.075000!	
rs7217473	t	c	7.1260000!1.0369999!++	65.900000!2.9359999!		
rs62242542	t	c	-7.839000!4.5339999!--	98.2	56.201000!	
rs73089379	c	g	-9.048999!1.4390000!--	94.3	17.61	
rs10510748	a	g	6.4539999!1.088E-10 ++	84.6	6.4960000!	
rs9847395	t	c	5.6710000!1.42E-8 ++	86	7.1459999!	
rs10184062	c	g	5.48 4.252E-8 +++	66.5	5.9610000!	
rs2643356	t	c	5.8150000!6.0710000!+++	84.1	12.577999!	
rs302953	t	c	5.6660000!1.465E-8 -++	86.6	14.923	
rs385893	t	c	-5.732000!9.9080000!--	66.900000!6.0490000!		
rs4674836	a	g	-6.035999!1.5779999!--	73.099999!7.4320000!		
rs6580980	a	g	-5.714000!1.1010000!--	68.400000!6.3289999!		
rs12953115	a	g	5.6420000!1.6849999!+-	72.400000!3.6190000!		
rs10468017	t	c	-5.551000!2.847E-8 +--	90.3	20.59	
rs112853430	t	c	9.0090000!2.081E-19 ?++	65.5	2.8959999!	
rs12053610	a	g	6.1070000!1.016E-9 -++	84	12.526999!	
rs148773337	a	c	8.4730000!2.3970000!-++	90.4	20.88	
rs149890864	t	c	6.2030000!5.5269999!?++	92.1	12.734	
rs1585488	t	g	6.1079999!1.0089999!-++	74.8	7.93	
rs2125787	a	g	-5.527999!3.2320000!+--	87.7	16.233000!	
rs2741441	t	g	5.8879999!3.913E-9 -++	74.7	7.9050000!	
rs28382814	t	c	-5.871999!4.2960000!--	69.2	6.4930000!	
rs389096	a	g	-6.163999!7.1119999!+--	90.7	21.425000!	
rs4634925	c	g	-6.447000!1.142E-10 ---	86.7	14.984	
rs4846913	a	c	-5.615999!1.96E-8 ---	58.9	4.8639999!	
rs514230	a	t	-5.490999!3.9860000!+--	87.3	15.738	
rs6032254	a	c	7.6639999!1.8019999!-++	87.8	16.329999!	
rs675849	t	c	-5.644000!1.6610000!+--	83	11.756	
rs7304494	t	c	-6.844000!7.6920000!--	57.7	4.7240000!	
rs854562	t	c	6.0110000!1.8380000!+++	59.8	4.9710000!	
rs11864191	t	c	6.8840000!5.8229999!++	64.400000!2.8050000!		
rs77578935	a	g	7.8819999!3.2210000!+-	92.3	12.946999!	
rs80226314	t	c	5.72 1.0649999!+-	78.599999!4.6779999!		
rs75256967	a	g	7.4859999!7.0810000!++	79.7	4.9290000!	
rs144686073	a	g	9.8919999!4.5009999!++	88.1	8.3710000!	
rs144724875	t	c	6.2240000!4.8469999!++	95.7	23.068000!	
rs150179248	a	t	5.7329999!9.8389999!++	66.900000!3.0179999!		
rs7149169	a	g	-6.16 7.2950000!--	69.2	3.246	
rs4981026	a	g	-6.42 1.36E-10 --	81.5	5.3959999!	

rs139133040	c	g	7.5190000(5.5050000(++)	79.3	4.827
rs17404060	t	c	6.1829999(6.2740000(++)	87.3	7.8739999(
rs180738147	t	c	6.3819999(1.751E-10 ++	83.2	5.9429999(
rs2279555	a	g	5.6369999(1.735E-8 +-	91.3	11.513999(
rs4147990	t	c	10.039999(1.015E-23 ++	86.3	7.3109999(
rs72683129	a	g	-5.8879999(3.9190000(--	79.099999(	4.7839999(
rs1329424	t	g	6.3520000(2.1240000(-+	83.3	5.9779999(
rs1329424	t	g	8.4339999(3.3399999(-+	93.3	14.858000(
rs6542680	t	c	-5.6970000(1.219E-8 ++-	95.3	42.216000(
rs74778900	t	c	6.07 1.2819999(+++	97.7	87.83
rs140103836	t	c	-6.5069999(7.6579999!--+	99.2	243.73599(
rs117618570	t	g	-5.8769999(4.169E-9 ---	98.4	126.934
rs78186881	a	t	-5.6470000(1.6280000(---	97.7	87.504000(
rs2901364	t	g	-10.131 4.0400000(--?	99.1	111.666
rs77121181	a	g	6.6040000(4.0069999(-+?	98.6	69.010000(
rs45505795	c	g	5.9080000(3.4659999(+++	97	66.064999(
rs562416	a	c	-5.681 1.342E-8 ---	91.8	24.31
rs59724749	a	g	-7.6420000(2.1370000(+?-?	98.4	60.822000(
rs1329424	t	g	7.9290000(2.2050000(+++	96.3	53.765999(
rs34881325	t	c	-6.109 1.0020000(--?	85.5	6.9130000(
rs10967571	t	c	-11.302 1.277E-29 ---	83.6	12.196
rs7692	a	c	-5.4550000(4.908E-8 +--	78.2	9.1709999(
rs62401205	a	c	-7.0860000(1.376E-12 ---	89.2	18.533999(
rs6914863	c	g	-7.1230000(1.055E-12 ---	93.1	29.132999(
rs35703624	t	c	6.4180000(1.383E-10 -++	73.900000(	7.6619999(
rs4746855	a	g	5.5190000(3.4189999(+++	68.2	6.2969999(
rs302953	t	c	6.4109999(1.4490000(+++	89.6	19.196999(

HetDf	HetPVal	EAF	beta	se	chr	position
1	5.1570000	0.23465	4.5967769	8.0349189	14	106952318
1	4.7899999	2.19099999999999	-0.1304709	2.3137257	3	39250894
1	3.7329999	2.30500000000000	0.2172869	2.2556515	3	42542761
1	4.0189999	3.93299999999999	9.9141690	1.742691E-7		75202900
1	3.347E-2	0.24504000000000	-7.9207760	7.8688419	3	43070847
1	1.6719999	0.26445000000000	-4.7532190	7.6788669	1	159174885
1	7.7980000	0.28902	9.378061E-7	4.618569	3	45954352
1	5.4020000	5.07900000000000	8.7922230	1.5531219	4	121168969
1	3.2749999	0.30723	4.8782109	7.3901089	4	121570292
1	4.9059999	0.13741999999999	-5.7235660	9.9040770	4	122315742
1	1.017E-6	2.41199999999999	0.1669366	2.2222663	4	122898197
1	9.6350000	3.03499999999999	0.1314845	1.9876729	4	123439970
1	2.8599999	3.24199999999999	-0.1065005	1.9255214	4	124302061
1	5.9730000	0.29165000000000	6.7916539	7.4979620	4	127266290
1	6.6500000	0.25120999999999	-5.1613920	7.8297809	19	45328476
1	7.1279999	0.14473	5.4859989	9.6533509	19	43361820
1	3.4809999	8.03799999999999	-8.2981460	1.2489683	19	45745857
1	5.5109999	0.20646	-4.6443239	8.3908300	19	45042765
1	5.7010000	0.19774	-5.0585829	8.5261810	19	40421612
1	3.2419999	0.11398999999999	6.2428860	1.0689872	3	165798383
1	6.2659999	0.30673	-4.1448789	7.3647449	19	46142053
1	7.7799999	0.21701000000000	4.5018280	8.2390699	19	44321973
1	1.5480000	2.945E-2	0.1464586	1.9250612	4	71486305
2	6.0150000	0.49797999999999	-5.08802E-5	5.9128649	10	64874754
1	2.3579999	1.08299999999999	0.2062156	3.0842896	4	68310149
1	5.1159999	2.84100000000000	0.1339659	1.9053618	4	71538474
2	3.9969999	2.00499999999999	-0.1583457	2.1819726	4	71719779
2	6.8669999	1.289E-2	0.1701879	2.7203953	4	72484429
2	4.8419999	3.24899999999999	-9.7139890	1.7505837	4	64401593
2	6.6669999	3.18500000000000	0.1016675	1.7364228	4	76875335
2	1.3030000	0.25279000000000	-3.8750800	6.8043549	1	159144581
1	7.8960000	3.177E-2	-0.1455072	1.7983843	4	72138143
1	9.1160000	2.42199999999999	-0.1302144	2.1980823	4	75137124
1	4.0350000	4.24599999999999	0.1068538	1.5697639	4	73005872
1	8.2330000	4.28600000000000	-9.4987740	1.5576868	4	69180867
2	6.6370000	8.67000000000000	0.1846937	3.3459008	4	70831665
2	5.071E-3	5.561E-2	9.3569700	1.2893717	11	72943483
2	6.3280000	4.67699999999999	-7.7503669	1.4114672	7	81358266
1	1.6259999	9.00200000000000	0.1034463	1.1878102	6	31905130
1	1.952E-3	2.649E-2	0.1352808	2.1203902	1	196918145
1	1.482E-2	0.13874	-7.4858960	9.8485670	1	196648613
1	9.4280000	0.22656000000000	5.5401230	8.1340809	1	196186335
1	1.1969999	0.39734999999999	4.4599939	6.9600399	1	196646176
1	8.2820000	0.4652	-5.8527679	6.8237940	6	43911598
1	1.0280000	0.13874	-7.0795179	1.0360774	1	196648613
2	5.5190000	8.44700000000000	5.9259439	1.0869303	15	71463600
1	9.9749999	8.60999999999999	0.2049842	3.4532380	15	81806029

2	1.6139999!4.96300000000000 -0.2007566 1.4019317!15	83393723
2	1.6969999!0.13611000000000 4.690652E- 8.5549010!15	80116362
1	3.7990000!0.25135000000000 -9.5817959 1.1031310!19	54319624
2	1.06E-4 4.69899999999999 0.2533442!1.4248834!15	81439371
1	3.2079999!0.34150000000000 4.0832680!7.1186679!6	32502814
2	1.0920000!4.68099999999999 8.8408139!1.3885368!15	86174098
1	3.4069999!0.39734999999999 4.1529440!6.954025E- 1	196646176
1	6.4159999!2.52399999999999 0.2104726!2.2897371!2	3353632
1	3.1339999!3.10400000000000 -0.1291458 2.0709727!19	10148713
1	1.255E-5 4.20999999999999 -0.1194594 1.7896544!2	3032487
1	6.3620000!1.38099999999999 -0.5531359 3.0678642!2	3642756
1	8.5489999!0.37318000000000 -5.530479E 1.0114263!17	38165485
2	8.8819999!0.43541999999999 3.2663200!5.9151029!16	53799507
1	2.3509999!0.25135000000000 -0.1720014 1.0968080!19	54319624
2	4.2849999!0.27368999999999 -3.6611940 6.5777819!2	113528872
1	5.5109999!0.33903 6.0555610!7.5685049!2	27598097
1	5.4909999!0.39734999999999 5.5374239!6.9226460!1	196646176
1	5.6300000!0.43096000000000 -3.8913080 6.8400559!16	17576804
2	5.3559999!0.34390999999999 4.1823659!6.2386120!1	154395125
2	1.5259999!0.42429 6.0572790!6.0488110!1	159175354
2	1.73E-4 0.13874 -5.1574849 8.6549499!1	196648613
1	2.4889999!8.27699999999999 6.7266329!1.2259218!6	31899815
2	3.3249999!0.27767999999999 -4.0304130 6.8931289!1	196209945
2	7.195E-2 0.22448000000000 4.0712779!7.1690039!8	106581528
2	9.2200000!4.15799999999999 9.1145260!1.5604394!4	74530753
1	1.2330000!7.10299999999999 -7.7162910 1.3928324!5	135222840
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Cytokine	genRegion	genName	locus
bNGF	intron	LINC00221	14q32.33
CCL11/eotaxin-1	upstream	DSTNP4	3p22.2
CCL11/eotaxin-1	intron	VIPR1	3p22.1
CCL11/eotaxin-1	intron	HIP1	7q11.23
CCL11/eotaxin-1	intron	FAM198A	3p22.1
CCL11/eotaxin-1	intron	ACKR1	1q23.2
CCL11/eotaxin-1	intron	LZTFL1	3p21.31
FGF-b	intron	RP11-679C8.2	4q27
FGF-b	intron	RP11-501E14.1	4q27
FGF-b	intergenic	RP11-170N16.1	4q27
FGF-b	intergenic	RP11-170N16.1	4q27
FGF-b	intergenic	RP11-170N16.1	4q27
FGF-b	intergenic	RP11-404I7.1	4q28.1
FGF-b	intergenic	RP11-404I7.1	4q28.1
G-CSF/CSF-3	downstream	BCAM	19q13.32
G-CSF/CSF-3	upstream	PSG8	19q13.2
G-CSF/CSF-3	intron	EXOC3L2	19q13.32
G-CSF/CSF-3	intron	CEACAM22P	19q13.31
G-CSF/CSF-3	missense	FCGBP	19q13.2
G-CSF/CSF-3	intergenic	SLC2A2	3q26.1
G-CSF/CSF-3	5_prime_UTR	EML2	19q13.32
G-CSF/CSF-3	intron	LYPD5	19q13.31
CXCL1/GROa	intergenic	AC112518.3	4q13.3
CXCL1/GROa	downstream	RNU6-543P	10q21.3
CXCL1/GROa	intron	RP11-584P21.2	4q13.2
CXCL1/GROa	intron	JCHAIN	4q13.3
CXCL1/GROa	downstream	RNU6-891P	4q13.3
CXCL1/GROa	intergenic	AC112518.3	4q13.3
CXCL1/GROa	intergenic	DPP3P1	4q13.1
CXCL1/GROa	intron	SDAD1	4q21.1
CXCL1/GROa	intron	CADM3	1q23.2
CXCL1/GROa	intron	SLC4A4	4q13.3
CXCL1/GROa	intron	MTHFD2L	4q13.3
CXCL1/GROa	intron	NPFFR2	4q13.3
CXCL1/GROa	intron	YTHDC1	4q13.2
CXCL1/GROa	upstream	CSN2	4q13.3
HGF	intron	P2RY2	11q13.4
HGF	intron	HGF	7q21.11
IFNg	synonymous	XXbac-BPG116M5.17	6p21.33
IFNg	intron	CFHR2	1q31.3
IFNg	intron	CFH	1q31.3
IFNg	intergenic	KCNT2	1q31.3
IL-10	intron	CFH	1q31.3
IL-10	intergenic	ACTG1P9	6p21.1
IL-13	intron	CFH	1q31.3
IL-16	intron	THSD4	15q23
IL-16	intron	CTD-2034I4.1	15q25.2

IL-16	downstream	ACTG1P17	15q25.2
IL-16	intergenic	RNU6-667P	15q25.1
IL-16	intron	NLRP12	19q13.42
IL-16	intron	CFAP161	15q25.1
IL-16	upstream	HLA-DRB5	6p21.32
IL-16	intron	AKAP13	15q25.3
IL-17	intron	CFH	1q31.3
IL-1b	intron	TSSC1	2p25.3
IL-1b	non_coding_transcript_exon	C3P1	19p13.2
IL-1b	intron	LINC01250	2p25.3
IL-1b	splice_region	COLEC11	2p25.3
IL-1ra	downstream	RP11-387H17.6	17q21.1
IL-1ra	intron	FTO	16q12.2
IL-1ra	intron	NLRP12	19q13.42
IL-1ra	downstream	IL1A	2q13
IL-2	intron	SNX17	2p23.3
IL-4	intron	CFH	1q31.3
IL-4	intergenic	XYLT1	16p12.3
IL-6	intron	IL6R	1q21.3
CXCL8/IL-8	missense	ACKR1	1q23.2
CXCL8/IL-8	intron	CFH	1q31.3
CXCL8/IL-8	intron	XXbac-BPG116M5.17	6p21.33
CXCL8/IL-8	intron	KCNT2	1q31.3
CXCL8/IL-8	intron	ZFPM2	8q23.1
CXCL8/IL-8	-	-	4q13.3
IL-9	intron	SLC25A48	5q31.1
IL-9	intron	CBX5	12q13.13
M-CSF/CSF-1	downstream	CTD-2545G14.2	17p13.1
M-CSF/CSF-1	synonymous	POLR2A	17p13.1
M-CSF/CSF-1	intron	TP53	17p13.1
M-CSF/CSF-1	downstream	MIR34AHG	1p36.22
M-CSF/CSF-1	intron	SNX17	2p23.3
M-CSF/CSF-1	missense	PNPLA3	22q13.31
M-CSF/CSF-1	intron	FUT2	19q13.33
M-CSF/CSF-1	intron	VMP1	17q23.1
M-CSF/CSF-1	intron	RHBDF2	17q25.1
M-CSF/CSF-1	intergenic	RP11-374I15.1	6q16.1
M-CSF/CSF-1	5_prime_UTR	GPR15	3q11.2
M-CSF/CSF-1	intron	CPOX	3q12.1
M-CSF/CSF-1	intron	ST3GAL6	3q12.1
M-CSF/CSF-1	intron	CSF1	1p13.3
M-CSF/CSF-1	intron	CUX2	12q24.12
M-CSF/CSF-1	intron	ST3GAL4	11q24.2
M-CSF/CSF-1	intergenic	MGAT5	2q21.2
M-CSF/CSF-1	intron	MGAT5	2q21.2
M-CSF/CSF-1	intron	ABO	9q34.2
M-CSF/CSF-1	intron	SLC26A2	5q32
M-CSF/CSF-1	intron	CSF1R	5q32
CCL2/MCP-1	intron	LTF	3p21.31
CCL2/MCP-1	intron	LZTFL1	3p21.31

CCL2/MCP-1	upstream	KLHL40	3p22.1
CCL2/MCP-1	intergenic	MRPL3	3q21.3
CCL2/MCP-1	upstream	SLC6A20	3p21.31
CCL2/MCP-1	intron	RP11-550P17.5	1q23.2
CCL7/MCP-3	intergenic	CCL8	17q12
CXCL9/MIG	upstream	PHTF1	1p13.2
CCL3/MIP-1a	5_prime_UTR	CCL14	17q12
CCL3/MIP-1a	intergenic	PKDCC	2p21
CCL3/MIP-1a	missense	APOE	19q13.32
CCL4/MIP-1b	intron	UNC45B	17q12
CCL4/MIP-1b	intron	SLFN12L	17q12
CCL4/MIP-1b	intron	C17orf50	17q12
CCL4/MIP-1b	downstream	CCL15	17q12
CCL4/MIP-1b	intron	CDCP1	3p21.31
CCL4/MIP-1b	intron	CDCP1	3p21.31
CCL4/MIP-1b	intergenic	TKT	3p21.31
CCL4/MIP-1b	intron	ALS2CL	3p21.31
PDGFbb	intron	SERPINE2	2q36.1
PDGFbb	intron	PCSK6	15q26.3
PDGFbb	intron	ZFPM2	8q23.1
PDGFbb	intergenic	ECM1P1	9p24.1
PDGFbb	intron	SERPINE2	2q36.1
PDGFbb	intron	NFE2	12q13.13
RANTES	downstream	SLFN12L	17q12
SCF	intron	ALDH1A2	15q21.3
SCF	intron	ABCA1	9q31.1
SCF	intron	SDC4	20q13.12
SCF	intron	PLTP	20q13.12
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SCF	intergenic	RNU6-461P	3q12.1
SCF	intron	AFF1	4q21.3
SCF	upstream	SDC4	20q13.12
SCF	intron	CES2	16q22.1
SCF	upstream	LILRB5	19q13.42
SCF	intron	FCER1G	1q23.3
SCF	intron	GALNT2	1q42.13
SCF	upstream	LINC01132	1q42.3
SCF	intergenic	RP11-323C15.1	20q13.12
SCF	intron	TTC39B	9p22.3
SCF	intergenic	RP11-13A1.1	12q21.33
SCF	intron	PON1	7q21.3
SCGF-b	intron	RAB11FIP3	16p13.3
SCGF-b	intron	IL4I1	19q13.33
SCGF-b	intron	KCNC3	19q13.33
SCGF-b	intron	POLD1	19q13.33
SCGF-b	intron	LRRC4B	19q13.33
SCGF-b	intron	SHANK1	19q13.33
SCGF-b	intergenic	RP11-210L7.1	12q23.2
SCGF-b	upstream	HMGB3P26	14q32.32
SCGF-b	intron	STAB2	12q23.3

SCGF-b	intron	CHST11	12q23.3
CXCL12/SDF-1a	intron	LVRN	5q23.1
CXCL12/SDF-1a	intergenic	RPL9P21	10q11.21
CXCL12/SDF-1a	intergenic	LINC00841	10q11.21
CXCL12/SDF-1a	intron	ABCA8	17q24.2
CXCL12/SDF-1a	intron	LEPR	1p31.3
TNF-a	intron	CFH	1q31.3
TNF-b	intron	CFH	1q31.3
TRAIL	upstream	COLEC11	2p25.3
TRAIL	intergenic	RP11-675P14.1	18q12.1
TRAIL	intergenic	DSC1	18q12.1
TRAIL	upstream	DSG1-AS1	18q12.1
TRAIL	intergenic	TRAPPC8	18q12.1
TRAIL	downstream	RP11-326K13.3	18q12.1
TRAIL	intron	XRCC1	19q13.31
TRAIL	synonymous	SERPINA10	14q32.13
TRAIL	downstream	GHSR	3q26.31
TRAIL	intron	RP11-795A2.2	3q27.3
TRAIL	intron	CFH	1q31.3
VEGF	5_prime_UTR	VLDLR	9p24.2
VEGF	intergenic	KCNV2	9p24.2
VEGF	3_prime_UTR	ZNF318	6p21.1
VEGF	intergenic	ACTG1P9	6p21.1
VEGF	downstream	RP5-1120P11.1	6p21.1
VEGF	missense	C6orf223	6p21.1
VEGF	intergenic	RNU6-543P	10q21.3
VEGF	intron	ZFPM2	8q23.1

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8.1722533102671405E-4
6.6405945591034099E-4
5.4569381677010596E-4
6.5633358680030295E-4
5.7996552771780998E-4
6.5808005744472597E-4
1.0699546371757201E-3
1.67000340447786E-3
6.22417797678463E-4
7.1086450156395103E-4
1.2355396741297001E-3
5.8251493977190495E-4
1.9096684336374699E-3
1.16881657792962E-3
6.0122416663412601E-4
1.50052947779155E-3
1.06676934870105E-3
1.60411672258856E-3

6.2500758598681703E-4
4.8607064195256301E-4
1.24132279281545E-3
5.0826005919489005E-4
2.5906414086413801E-3
8.1140761906711202E-4
1.1027541294742599E-3
6.2527327445753502E-4
5.6805468064884796E-4
1.1916361677009699E-3
1.3978391246666499E-3
1.7353070838651099E-3
2.08852264440947E-3
3.2268270619218698E-3
3.7381802759132001E-3
1.64903739496099E-3
1.27372037122299E-3
4.7715818046151898E-4
5.7781723016832201E-4
5.1012340527966402E-4
5.2196118900975895E-4
6.1182726406084004E-4
5.18690786006511E-4
8.1930109377330198E-4
4.8962698143655502E-4
1.48514770223336E-3
5.9252451439454701E-4
1.1399168947986401E-3
7.9050071620437898E-4
5.9307755492240904E-4
4.8557230311331302E-4
5.5083066349522597E-4
5.7902075286986202E-4
6.13021527969365E-4
6.6034595600466303E-4
5.0900835934639403E-4
4.8663625578088398E-4
9.3286854842186098E-4
5.0612199575581602E-4
7.8661473797319496E-4
5.8317001626418904E-4
1.21261478005196E-3
1.5864182365007101E-3
8.36216333016625E-4
1.4313845760480599E-3
2.4967348495168202E-3
9.9004386906609006E-4
8.4019023842807599E-4
9.7211802719778895E-4
1.0534752235049E-3

1.4447518530518099E-3
8.8460947353415098E-4
9.4298105130951899E-4
7.3582669351476403E-4
2.5997346052025901E-3
8.0231458669738397E-4
1.03798561308534E-3
1.92378925393652E-3
5.4509608238148305E-4
6.1861981450579402E-4
7.6677930376431002E-4
6.1493046262198995E-4
5.3541311434729595E-4
5.1499763548114603E-3
2.0940906058895602E-3
6.2118749812995898E-4
5.4180363637596895E-4
2.5086626570959801E-3
1.05524172173201E-3
1.8866226726766699E-3
2.1783415897926399E-3
5.3965568159749903E-4
9.1044796868602798E-4
9.0431260827801997E-4
7.6167421183345502E-4
5.1222797779907801E-4
6.9092153830960798E-4

Supplementary Table S2: geno

Cytokine	Lambda
bNGF	1,01
CCL27/CTACK	1,01
CCL11/eotaxin-1	1,03
FGF-b	1,04
G-CSF/CSF-3	0,99
CXCL1/GROa	1,02
HGF	1,01
IFNg	1,01
IL-10	1,00
IL-13	1,00
IL-16	0,96
IL-17	1,02
IL-18	1,01
IL-1b	0,98
IL-1ra	1,03
IL-2	1,02
IL-2ra	1,01
IL-4	1,01
IL-5	1,00
IL-6	1,02
IL-7	1,01
CXCL8/IL-8	1,01
IL-9	1,03
CXCL10/IP-10	1,01
M-CSF/CSF-1	1,00
CCL2/MCP-1	1,01
CCL7/MCP-3	1,02
MIF	1,01
CXCL9/MIG	1,01
CCL3/MIP-1a	1,00
CCL4/MIP-1b	1,00
PDGFbb	1,02
RANTES	1,02
SCF	1,00
SCGF-b	1,00
CXCL12/SDF-1a	1,00
TNF-a	1,01
TNF-b	1,02
TRAIL	1,01
VEGF	0,99

Supplementary Table S2: Associations with cytokines from GWAS catalogue

[illegible]

rs1042663	cullin-9 measurement
rs1042663	DNA repair protein rad51 homolog 1 measurement
rs1042663	ER membrane protein complex subunit 4 measurement
rs1042663	protein measurement
rs1042663	protein measurement
rs1042663	tyrosine-protein phosphatase non-receptor type 1 measurement
rs10468017	1-(1-enyl-palmitoyl)-2-palmitoleoyl-GPC (P-16:0/16:1) measurement
rs10468017	1-docosahexaenoyl-GPE (22:6) measurement
rs10468017	1-margaroyl-2-oleoyl-GPC (17:0/18:1) measurement
rs10468017	1-margaroyl-GPE (17:0) measurement
rs10468017	1-oleoyl-2-arachidonoyl-GPE (18:1/20:4) measurement
rs10468017	1-oleoyl-2-docosahexaenoyl-GPE (18:1/22:6) measurement
rs10468017	1-oleoyl-2-linoleoyl-GPE (18:1/18:2) measurement
rs10468017	1-oleoyl-GPE (18:1) measurement
rs10468017	1-palmitoyl-2-arachidonoyl-GPE (16:0/20:4) measurement
rs10468017	1-palmitoyl-2-dihomo-linolenoyl-GPE (16:0/20:3) measurement
rs10468017	1-palmitoyl-2-docosahexaenoyl-GPE (16:0/22:6) measurement
rs10468017	1-palmitoyl-2-docosahexaenoyl-GPE (16:0/22:6) measurement
rs10468017	1-palmitoyl-2-linoleoyl-GPE (16:0/18:2) measurement
rs10468017	1-palmitoyl-2-oleoyl-GPE (16:0/18:1) measurement
rs10468017	1-palmitoyl-2-oleoyl-GPE (16:0/18:1) measurement
rs10468017	1-palmitoylglycerophosphoethanolamine measurement
rs10468017	1-palmitoyl-2-palmitoyl-GPC (O-16:0/16:0) measurement
rs10468017	1-stearoyl-2-arachidonoyl-GPE (18:0/20:4) measurement
rs10468017	1-stearoyl-2-docosahexaenoyl-GPE (18:0/22:6) measurement
rs10468017	1-stearoyl-2-docosahexaenoyl-GPE (18:0/22:6) measurement
rs10468017	1-stearoyl-2-linoleoyl-GPE (18:0/18:2) measurement
rs10468017	1-stearoyl-2-oleoyl-GPE (18:0/18:1) measurement
rs10468017	1-stearoyl-GPE (18:0) measurement
rs10468017	1-stearoyl-GPE (18:0) measurement
rs10468017	2-docosahexaenoyl-GPE (22:6) measurement
rs10468017	2-palmitoyl-GPE (16:0) measurement
rs10468017	2-stearoyl-GPE (18:0) measurement
rs10468017	age-related macular degeneration
rs10468017	age-related macular degeneration
rs10468017	apolipoprotein a 1 measurement
rs10468017	cholesterol to total lipids in small HDL percentage
rs10468017	Cholesterol:total lipids ratio,very low density lipoprotein cholesterol
rs10468017	Cholesterol:total lipids ratio,very low density lipoprotein cholesterol
rs10468017	cholesteryl ester measurement
rs10468017	cholesteryl ester measurement,high density lipoprotein cholesterol
rs10468017	cholesteryl ester measurement,high density lipoprotein cholesterol
rs10468017	cholesteryl esters to total lipids in small VLDL percentage
rs10468017	Cholesteryl esters:total lipids ratio,very low density lipoprotein
rs10468017	Cholesteryl esters:total lipids ratio,very low density lipoprotein
rs10468017	Cholesteryl esters:total lipids ratio,very low density lipoprotein
rs10468017	choline measurement

rs10468017	choline measurement
rs10468017	diacylglycerol 38:5 measurement
rs10468017	diglyceride measurement
rs10468017	docosahexaenoic acid measurement
rs10468017	docosahexaenoic acid measurement
rs10468017	esterified cholesterol measurement
rs10468017	fatty acid measurement
rs10468017	free cholesterol in large LDL measurement
rs10468017	free cholesterol in very large HDL measurement
rs10468017	free cholesterol measurement
rs10468017	free cholesterol measurement
rs10468017	free cholesterol measurement,high density lipoprotein choles
rs10468017	free cholesterol to total lipids in large HDL percentage
rs10468017	free cholesterol to total lipids in medium VLDL percentage
rs10468017	Free cholesterol:total lipids ratio,high density lipoprotein cho
rs10468017	Free cholesterol:total lipids ratio,very low density lipoprotein
rs10468017	Free cholesterol:total lipids ratio,very low density lipoprotein
rs10468017	glycerophospholipid measurement
rs10468017	glycerophospholipid measurement
rs10468017	high density lipoprotein cholesterol measurement
rs10468017	high density lipoprotein cholesterol measurement
rs10468017	high density lipoprotein cholesterol measurement
rs10468017	high density lipoprotein cholesterol measurement
rs10468017	high density lipoprotein cholesterol measurement
rs10468017	high density lipoprotein cholesterol measurement
rs10468017	high density lipoprotein cholesterol measurement
rs10468017	high density lipoprotein cholesterol measurement
rs10468017	high density lipoprotein cholesterol measurement, triglycerid
rs10468017	histone-lysine n-methyltransferase EHMT2 measurement
rs10468017	HMG CoA reductase inhibitor use measurement
rs10468017	intermediate density lipoprotein measurement
rs10468017	intermediate density lipoprotein measurement
rs10468017	intermediate density lipoprotein measurement
rs10468017	intermediate density lipoprotein measurement,esterified chc
rs10468017	intermediate density lipoprotein measurement,free choleste
rs10468017	intermediate density lipoprotein measurement,lipid measure
rs10468017	intermediate density lipoprotein measurement,lipid measure
rs10468017	intermediate density lipoprotein measurement,phospholipid
rs10468017	intermediate density lipoprotein measurement,phospholipid
rs10468017	intermediate density lipoprotein measurement,triglyceride n
rs10468017	intermediate density lipoprotein measurement,triglyceride n
rs10468017	level of Phosphatidylcholine (15:0_18:2) in blood serum
rs10468017	level of Phosphatidylethanolamine (16:0_18:2) in blood serui
rs10468017	level of Phosphatidylethanolamine (16:0_20:4) in blood serui
rs10468017	level of Phosphatidylethanolamine (18:0_18:2) in blood serui

rs10468017	level of Phosphatidylethanolamine (18:0_18:2) in blood serum
rs10468017	level of Phosphatidylethanolamine (18:0_20:4) in blood serum
rs10468017	level of Phosphatidylethanolamine (18:0_20:4) in blood serum
rs10468017	level of Phosphatidylethanolamine (18:1_18:1) in blood serum
rs10468017	linoleic acid measurement
rs10468017	low density lipoprotein cholesterol measurement
rs10468017	low density lipoprotein cholesterol measurement,free cholesterol
rs10468017	low density lipoprotein triglyceride measurement
rs10468017	low density lipoprotein triglyceride measurement
rs10468017	low density lipoprotein triglyceride measurement
rs10468017	low density lipoprotein triglyceride measurement
rs10468017	low density lipoprotein triglyceride measurement
rs10468017	low density lipoprotein triglyceride measurement
rs10468017	low density lipoprotein triglyceride measurement
rs10468017	lysophosphatidylethanolamine 22:6 measurement
rs10468017	lysophosphatidylethanolamine measurement
rs10468017	matrix-remodeling-associated protein 8 measurement
rs10468017	metabolic syndrome
rs10468017	omega-6 polyunsaturated fatty acid measurement
rs10468017	phosphatidylcholine measurement
rs10468017	phosphatidylcholine measurement
rs10468017	phosphatidylcholine measurement
rs10468017	phosphatidylcholine measurement
rs10468017	phosphatidylcholine measurement
rs10468017	phosphatidylcholine measurement,choline measurement
rs10468017	phosphatidylethanolamine measurement
rs10468017	phosphatidylethanolamine measurement
rs10468017	phosphatidylethanolamine measurement
rs10468017	phosphatidylethanolamine measurement
rs10468017	phosphatidylethanolamine measurement
rs10468017	phosphatidylethanolamine measurement
rs10468017	phosphatidylethanolamine measurement
rs10468017	phosphatidylethanolamine measurement
rs10468017	phosphatidylethanolamine measurement
rs10468017	phosphatidylethanolamine measurement
rs10468017	phosphatidylethanolamine measurement
rs10468017	phospholipid measurement
rs10468017	Phospholipids:total lipids ratio,high density lipoprotein cholesterol
rs10468017	polyunsaturated fatty acid measurement
rs10468017	sexual dimorphism measurement
rs10468017	sphingomyelin measurement
rs10468017	total cholesterol measurement
rs10468017	total cholesterol measurement
rs10468017	total cholesterol measurement

rs10468017	total cholesterol measurement
rs10468017	total cholesterol measurement,high density lipoprotein chole
rs10468017	total cholesterol measurement,high density lipoprotein chole
rs10468017	total cholesterol measurement,high density lipoprotein chole
rs10468017	total cholesterol measurement,high density lipoprotein chole
rs10468017	triglyceride measurement
rs10468017	triglyceride measurement
rs10468017	triglyceride measurement,very low density lipoprotein chole
rs10468017	Triglycerides:total lipids ratio,very low density lipoprotein ch
rs10468017	Triglycerides:total lipids ratio,very low density lipoprotein ch
rs10468017	very low density lipoprotein cholesterol measurement
rs10468017	very low density lipoprotein cholesterol measurement
rs10468017	very low density lipoprotein cholesterol measurement
rs10468017	very low density lipoprotein cholesterol measurement,esteri
rs10468017	very low density lipoprotein cholesterol measurement,free cl
rs10468017	very low density lipoprotein cholesterol measurement,free cl
rs10468017	very low density lipoprotein cholesterol measurement,lipid n
rs10468017	very low density lipoprotein cholesterol measurement,lipid n
rs10468017	very low density lipoprotein cholesterol measurement,phosp
rs10468017	very low density lipoprotein cholesterol measurement,phosp
rs10468017	very low density lipoprotein particle size measurement
rs10468017	very low density lipoprotein particle size measurement
rs1048381	Anti-varicella zoster virus IgG measurement
rs10822145	body mass index
rs10822145	cholesterol in IDL measurement
rs10822145	cholesterol to total lipids in IDL percentage
rs10822145	cholesterol to total lipids in medium VLDL percentage
rs10822145	cholesterol to total lipids in small VLDL percentage
rs10822145	Cholesterol:total lipids ratio,low density lipoprotein choleste
rs10822145	cholesteryl ester measurement
rs10822145	cholesteryl ester measurement,intermediate density lipoprot
rs10822145	cholesteryl esters to total lipids in IDL percentage
rs10822145	cholesteryl esters to total lipids in medium VLDL percentage
rs10822145	cholesteryl esters to total lipids in small VLDL percentage
rs10822145	diet measurement,metabolite measurement
rs10822145	free cholesterol in IDL measurement
rs10822145	free cholesterol in large LDL measurement
rs10822145	free cholesterol measurement,intermediate density lipoprote
rs10822145	free cholesterol measurement,low density lipoprotein chole
rs10822145	free cholesterol to total lipids in small VLDL percentage
rs10822145	Free cholesterol:total lipids ratio,very low density lipoprotein
rs10822145	intermediate density lipoprotein measurement
rs10822145	intermediate density lipoprotein measurement
rs10822145	lipid measurement,intermediate density lipoprotein measure
rs10822145	low density lipoprotein cholesterol measurement,free chole
rs10822145	mean corpuscular volume
rs10822145	mean reticulocyte volume

rs10822145	phospholipid measurement,intermediate density lipoprotein
rs10822145	Phospholipids:total lipids ratio
rs10822145	Phospholipids:total lipids ratio
rs10822145	Phospholipids:total lipids ratio
rs10822145	Phospholipids:total lipids ratio,very low density lipoprotein cl
rs10822145	sphingomyelin measurement
rs10822145	total cholesterol measurement,intermediate density lipoprot
rs10822145	total lipids in IDL
rs10822145	triglyceride measurement
rs10822145	triglyceride measurement
rs10822145	triglyceride measurement
rs10822145	triglycerides to total lipids in IDL percentage
rs10822145	triglycerides to total lipids in large LDL percentage
rs10822145	triglycerides to total lipids in medium LDL percentage
rs10822145	triglycerides to total lipids in medium VLDL percentage
rs10822145	triglycerides to total lipids in small LDL percentage
rs10822145	triglycerides to total lipids in small VLDL percentage
rs10822145	Triglycerides:total lipids ratio,very low density lipoprotein ch
rs10861032	coronary restenosis
rs11111748	body height
rs12075	7 blood protein measurement
rs12075	7 C-C motif chemokine 14 measurement
rs12075	7 C-C motif chemokine 17 measurement
rs12075	7 C-C motif chemokine 7 measurement
rs11553699	erythrocyte count
rs11553699	immature platelet count
rs11553699	immature platelet fraction
rs11553699	immature platelet measurement
rs11553699	mean platelet volume
rs11553699	mean platelet volume
rs11553699	mean platelet volume
rs11553699	mean platelet volume
rs11553699	mean platelet volume
rs11553699	mean platelet volume
rs11553699	mean platelet volume
rs11553699	mitochondrial DNA measurement
rs11553699	mitochondrial DNA measurement
rs11553699	peroxisome proliferator-activated receptor alpha measurem
rs11553699	platelet component distribution width
rs11553699	platelet component distribution width
rs11553699	platelet count
rs11553699	platelet count
rs11553699	platelet count
rs11553699	platelet count
rs11553699	platelet count

rs11553699	platelet count
rs11553699	platelet crit
rs11553699	platelet crit
rs11553699	platelet measurement
rs11553699	platelet measurement
rs11553699	platelet measurement
rs11553699	platelet measurement
rs11553699	platelet measurement
rs11553699	platelet measurement
rs11553699	protein measurement
rs11553699	protein measurement
rs11553699	reticulocyte count
rs11553699	reticulocyte count
rs11553699	reticulocyte count
rs11553699	reticulocyte measurement
rs11553699	reticulocyte measurement
rs12075	7 CCL11 measurement
rs11895352	choline measurement
rs11895352	fatty acid measurement
rs11895352	lipid measurement,high density lipoprotein cholesterol meas
rs11895352	lipid measurement,high density lipoprotein cholesterol meas
rs11895352	monounsaturated fatty acids; 16:1, 18:1 measurement
rs11895352	omega-3 polyunsaturated fatty acid measurement
rs11895352	omega-6 polyunsaturated fatty acid measurement
rs11895352	phospholipid measurement,high density lipoprotein choleste
rs11895352	phospholipid measurement,high density lipoprotein choleste
rs11895352	phospholipids in small HDL measurement
rs11895352	Phospholipids:total lipids ratio,high density lipoprotein chole:
rs11895352	polyunsaturated fatty acid measurement
rs11895352	saturated fatty acids measurement
rs11895352	total phospholipids in lipoprotein particles measurement
rs11895352	triglyceride measurement
rs12075	basophil count
rs12075	basophil count
rs12075	basophil count
rs12075	basophil count
rs12075	basophil count
rs12075	basophil count
rs12075	basophil percentage of granulocytes
rs12075	basophil percentage of leukocytes
rs12075	basophil percentage of leukocytes
rs12075	blood protein measurement
rs12075	blood protein measurement
rs12075	7 CCL17 measurement
rs12075	7 CCL2 measurement
rs12075	7 CCL2 measurement

rs12075	7 CCL2 measurement
rs12075	7 CCL2 measurement
rs12075	7 CCL2 measurement
rs12075	7 CCL2 measurement
rs12075	7 CCL2 measurement
rs12075	7 CCL2 measurement
rs12075	7 C-X-C motif chemokine 11 measurement
rs12075	7 C-X-C motif chemokine 6 measurement
rs12075	7 CXCL1 measurement
rs12075	7 CXCL11 measurement
rs12075	7 CXCL5 measurement
rs12075	7 CXCL6 measurement
rs12075	7 eotaxin measurement
rs12075	7 eotaxin measurement
rs12075	7 eotaxin measurement
rs12075	7 eotaxin measurement
rs12075	7 growth-regulated alpha protein measurement
rs12075	7 interleukin-8 measurement
rs12075	7 level of C-C motif chemokine 2 in blood serum
rs12075	7 level of growth-regulated alpha protein in blood serum
rs7550207	7 C-C motif chemokine 14 measurement
rs1329424	10 interleukin-10 receptor subunit alpha measurement
rs1329424	10 interleukin-10 receptor subunit alpha measurement
rs12075	corneodesmosin measurement
rs1329424	10 interleukin-10 receptor subunit alpha measurement
rs1329424	10 interleukin-10 receptor subunit alpha measurement
rs1329424	10 interleukin-10 receptor subunit alpha measurement
rs1329424	10 interleukin-10 receptor subunit alpha measurement
rs1329424	10 interleukin-10 receptor subunit alpha measurement
rs12075	leukocyte count
rs12075	leukocyte count
rs12075	leukocyte count
rs12075	lymphocyte percentage of leukocytes
rs12075	monocyte count
rs12075	monocyte count
rs12075	monocyte count
rs12075	monocyte count
rs12075	monocyte count
rs12075	monocyte percentage of leukocytes
rs12075	myeloid white cell count
rs12075	neutrophil count
rs12075	self reported educational attainment
rs12117194	hemoglobin measurement
rs12121864	linguistic error measurement,specific language impairment
rs12121864	linguistic error measurement,specific language impairment
rs12239179	reticulocyte count
rs12239179	reticulocyte count

[illegible]

rs1329424	age-related macular degeneration
rs1329424	age-related macular degeneration
rs1329424	age-related macular degeneration
rs1329424	age-related macular degeneration
rs1329424	age-related macular degeneration
rs1329424	age-related macular degeneration
rs1329424	age-related macular degeneration
rs1329424	B melanoma antigen 2 measurement
rs1329424	B melanoma antigen 2 measurement
rs1329424	B melanoma antigen 2 measurement
rs1329424	B melanoma antigen 2 measurement
rs1329424	B melanoma antigen 2 measurement
rs1329424	B melanoma antigen 2 measurement
rs1329424	B melanoma antigen 2 measurement
rs1329424	B melanoma antigen 2 measurement
rs1329424	beta-defensin 106 measurement
rs1329424	beta-defensin 106 measurement
rs1329424	beta-defensin 106 measurement
rs1329424	beta-defensin 106 measurement
rs1329424	beta-defensin 106 measurement
rs1329424	beta-defensin 106 measurement
rs1329424	beta-defensin 106 measurement
rs1329424	beta-defensin 106 measurement
rs1329424	beta-defensin 106 measurement
rs1329424	carbonic anhydrase 9 measurement
rs1329424	carbonic anhydrase 9 measurement
rs1329424	carbonic anhydrase 9 measurement
rs1329424	carbonic anhydrase 9 measurement
rs1329424	carbonic anhydrase 9 measurement
rs1329424	carbonic anhydrase 9 measurement
rs1329424	carbonic anhydrase 9 measurement
rs1329424	carbonic anhydrase 9 measurement
rs1329424	cas scaffolding protein family member 4 measurement
rs1329424	cas scaffolding protein family member 4 measurement
rs1329424	cas scaffolding protein family member 4 measurement
rs1329424	cas scaffolding protein family member 4 measurement
rs1329424	cas scaffolding protein family member 4 measurement
rs1329424	cas scaffolding protein family member 4 measurement
rs1329424	cas scaffolding protein family member 4 measurement
rs1329424	cas scaffolding protein family member 4 measurement
rs1329424	coiled-coil domain-containing protein 51 measurement
rs1329424	coiled-coil domain-containing protein 51 measurement
rs1329424	coiled-coil domain-containing protein 51 measurement

rs1329424	coiled-coil domain-containing protein 51 measurement
rs1329424	coiled-coil domain-containing protein 51 measurement
rs1329424	coiled-coil domain-containing protein 51 measurement
rs1329424	coiled-coil domain-containing protein 51 measurement
rs1329424	coiled-coil domain-containing protein 51 measurement
rs1329424	CUB and Sushi domain-containing protein 2 measurement
rs1329424	CUB and Sushi domain-containing protein 2 measurement
rs1329424	CUB and Sushi domain-containing protein 2 measurement
rs1329424	CUB and Sushi domain-containing protein 2 measurement
rs1329424	CUB and Sushi domain-containing protein 2 measurement
rs1329424	CUB and Sushi domain-containing protein 2 measurement
rs1329424	CUB and Sushi domain-containing protein 2 measurement
rs1329424	CUB and Sushi domain-containing protein 2 measurement
rs1329424	cullin-9 measurement
rs1329424	cullin-9 measurement
rs1329424	cullin-9 measurement
rs1329424	cullin-9 measurement
rs1329424	cullin-9 measurement
rs1329424	cullin-9 measurement
rs1329424	cullin-9 measurement
rs1329424	cullin-9 measurement
rs1329424	10 interleukin-10 receptor subunit alpha measurement
rs1329424	10 interleukin-10 receptor subunit alpha measurement
rs1329424	10 protein measurement
rs1329424	10 protein measurement
rs1329424	10 protein measurement
rs1329424	10 protein measurement
rs1329424	10 protein measurement
rs1329424	10 protein measurement
rs1329424	10 protein measurement
rs1329424	delta-like protein 4 measurement
rs1329424	delta-like protein 4 measurement
rs1329424	delta-like protein 4 measurement
rs1329424	delta-like protein 4 measurement
rs1329424	delta-like protein 4 measurement
rs1329424	delta-like protein 4 measurement
rs1329424	delta-like protein 4 measurement
rs1329424	delta-like protein 4 measurement
rs1329424	DnaJ homolog subfamily A member 4 measurement
rs1329424	DnaJ homolog subfamily A member 4 measurement
rs1329424	DnaJ homolog subfamily A member 4 measurement
rs1329424	DnaJ homolog subfamily A member 4 measurement
rs1329424	DnaJ homolog subfamily A member 4 measurement

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rs1329424	DnaJ homolog subfamily A member 4 measurement
rs1329424	DnaJ homolog subfamily A member 4 measurement
rs1329424	DnaJ homolog subfamily A member 4 measurement
rs1329424	dual specificity protein phosphatase 4 measurement
rs1329424	dual specificity protein phosphatase 4 measurement
rs1329424	dual specificity protein phosphatase 4 measurement
rs1329424	dual specificity protein phosphatase 4 measurement
rs1329424	dual specificity protein phosphatase 4 measurement
rs1329424	dual specificity protein phosphatase 4 measurement
rs1329424	dual specificity protein phosphatase 4 measurement
rs1329424	E3 ubiquitin-protein ligase RNF34 measurement
rs1329424	E3 ubiquitin-protein ligase RNF34 measurement
rs1329424	E3 ubiquitin-protein ligase RNF34 measurement
rs1329424	E3 ubiquitin-protein ligase RNF34 measurement
rs1329424	E3 ubiquitin-protein ligase RNF34 measurement
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rs1329424	E3 ubiquitin-protein ligase RNF34 measurement
rs1329424	E3 ubiquitin-protein ligase RNF34 measurement
rs1329424	E3 ubiquitin-protein ligase RNF34 measurement
rs1329424	10 protein measurement
rs1329424	10 protein measurement
rs1329424	10 tumor necrosis factor receptor superfamily member 1A meas
rs1329424	10 tumor necrosis factor receptor superfamily member 1A meas
rs1329424	10 tumor necrosis factor receptor superfamily member 1A meas
rs1329424	10 tumor necrosis factor receptor superfamily member 1A meas
rs1329424	eukaryotic translation initiation factor 5A-1 measurement
rs1329424	eukaryotic translation initiation factor 5A-1 measurement
rs1329424	eukaryotic translation initiation factor 5A-1 measurement
rs1329424	eukaryotic translation initiation factor 5A-1 measurement
rs1329424	eukaryotic translation initiation factor 5A-1 measurement
rs1329424	eukaryotic translation initiation factor 5A-1 measurement
rs1329424	eukaryotic translation initiation factor 5A-1 measurement
rs1329424	eukaryotic translation initiation factor 5A-1 measurement
rs1329424	10 tumor necrosis factor receptor superfamily member 1A meas
rs1329424	10 tumor necrosis factor receptor superfamily member 1A meas
rs1329424	10 tumor necrosis factor receptor superfamily member 1A meas
rs1329424	10 tumor necrosis factor receptor superfamily member 1A meas
rs1329424	10 tumor necrosis factor receptor superfamily member 1A meas
rs1329424	gamma-aminobutyric acid type B receptor subunit 2 measure
rs1329424	gamma-aminobutyric acid type B receptor subunit 2 measure
rs1329424	gamma-aminobutyric acid type B receptor subunit 2 measure
rs1329424	gamma-aminobutyric acid type B receptor subunit 2 measure
rs1329424	gamma-aminobutyric acid type B receptor subunit 2 measure

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rs1329424	gamma-aminobutyric acid type B receptor subunit 2 measure
rs1329424	gamma-aminobutyric acid type B receptor subunit 2 measure
rs1329424	gamma-aminobutyric acid type B receptor subunit 2 measure
rs1329424	glucose-6-phosphate isomerase measurement
rs1329424	glucose-6-phosphate isomerase measurement
rs1329424	glucose-6-phosphate isomerase measurement
rs1329424	glucose-6-phosphate isomerase measurement
rs1329424	glucose-6-phosphate isomerase measurement
rs1329424	glucose-6-phosphate isomerase measurement
rs1329424	glucose-6-phosphate isomerase measurement
rs1329424	glucose-6-phosphate isomerase measurement
rs1329424	glucosidase 2 subunit beta measurement
rs1329424	glucosidase 2 subunit beta measurement
rs1329424	glucosidase 2 subunit beta measurement
rs1329424	glucosidase 2 subunit beta measurement
rs1329424	glucosidase 2 subunit beta measurement
rs1329424	glucosidase 2 subunit beta measurement
rs1329424	glucosidase 2 subunit beta measurement
rs1329424	glucosidase 2 subunit beta measurement
rs1329424	glucosidase 2 subunit beta measurement
rs1329424	glycoprotein hormones alpha chain measurement
rs1329424	glycoprotein hormones alpha chain measurement
rs1329424	glycoprotein hormones alpha chain measurement
rs1329424	glycoprotein hormones alpha chain measurement
rs1329424	glycoprotein hormones alpha chain measurement
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rs1329424	glycoprotein hormones alpha chain measurement
rs1329424	glycoprotein hormones alpha chain measurement
rs1329424	10 tumor necrosis factor receptor superfamily member 27 meas
rs1329424	10 tumor necrosis factor receptor superfamily member 27 meas
rs1329424	10 tumor necrosis factor receptor superfamily member 27 meas
rs1329424	10 tumor necrosis factor receptor superfamily member 27 meas
rs1329424	hepatitis A virus cellular receptor 2 measurement
rs1329424	hepatitis A virus cellular receptor 2 measurement
rs1329424	hepatitis A virus cellular receptor 2 measurement
rs1329424	hepatitis A virus cellular receptor 2 measurement
rs1329424	hepatitis A virus cellular receptor 2 measurement
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rs1329424	hepatitis A virus cellular receptor 2 measurement
rs1329424	hepatitis A virus cellular receptor 2 measurement
rs1329424	10 tumor necrosis factor receptor superfamily member 27 meas
rs1329424	10 tumor necrosis factor receptor superfamily member 27 meas
rs1329424	10 tumor necrosis factor receptor superfamily member 27 meas

rs1329424	10 tumor necrosis factor receptor superfamily member 27 meas
rs1329424	10 tumor necrosis factor receptor superfamily member 27 meas
rs514230	14 IgF-1 measurement
rs6542680	17 fibroblast growth factor 10 measurement
rs6542680	17 interleukin 19 measurement
rs6542680	17 interleukin 19 measurement
rs6542680	17 interleukin-1 beta measurement
rs6542680	17 interleukin-19 measurement
rs6542680	17 macrophage colony-stimulating factor 1 measurement
rs1329424	MAP kinase-activated protein kinase 3 measurement
rs1329424	MAP kinase-activated protein kinase 3 measurement
rs1329424	MAP kinase-activated protein kinase 3 measurement
rs1329424	MAP kinase-activated protein kinase 3 measurement
rs1329424	MAP kinase-activated protein kinase 3 measurement
rs1329424	MAP kinase-activated protein kinase 3 measurement
rs1329424	MAP kinase-activated protein kinase 3 measurement
rs1329424	MAP kinase-activated protein kinase 3 measurement
rs1329424	methionine aminopeptidase 2 measurement
rs1329424	methionine aminopeptidase 2 measurement
rs1329424	methionine aminopeptidase 2 measurement
rs1329424	methionine aminopeptidase 2 measurement
rs1329424	methionine aminopeptidase 2 measurement
rs1329424	methionine aminopeptidase 2 measurement
rs1329424	methionine aminopeptidase 2 measurement
rs1329424	methionine aminopeptidase 2 measurement
rs1329424	mitogen-activated protein kinase 12 measurement
rs1329424	mitogen-activated protein kinase 12 measurement
rs1329424	mitogen-activated protein kinase 12 measurement
rs1329424	mitogen-activated protein kinase 12 measurement
rs1329424	mitogen-activated protein kinase 12 measurement
rs1329424	mitogen-activated protein kinase 12 measurement
rs1329424	mitogen-activated protein kinase 12 measurement
rs1329424	mitogen-activated protein kinase 12 measurement
rs1329424	mitogen-activated protein kinase 12 measurement
rs1329424	nuclear receptor ROR-beta measurement
rs1329424	nuclear receptor ROR-beta measurement
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rs1329424	nuclear receptor ROR-beta measurement
rs1329424	nuclear receptor ROR-beta measurement
rs1329424	nuclear receptor ROR-beta measurement
rs1329424	nuclear receptor ROR-beta measurement
rs1329424	polyadenylate-binding protein 4 measurement
rs1329424	polyadenylate-binding protein 4 measurement

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[illegible]

rs1329424	SH3 domain-binding protein 2 measurement
rs1329424	SH3 domain-binding protein 2 measurement
rs1329424	SH3 domain-binding protein 2 measurement
rs1329424	SH3 domain-binding protein 2 measurement
rs1329424	SH3 domain-binding protein 2 measurement
rs1329424	SH3 domain-binding protein 2 measurement
rs1329424	SH3 domain-binding protein 2 measurement
rs1329424	SH3 domain-binding protein 2 measurement
rs1329424	synaptic vesicle glycoprotein 2A measurement
rs1329424	synaptic vesicle glycoprotein 2A measurement
rs1329424	synaptic vesicle glycoprotein 2A measurement
rs1329424	synaptic vesicle glycoprotein 2A measurement
rs1329424	synaptic vesicle glycoprotein 2A measurement
rs1329424	synaptic vesicle glycoprotein 2A measurement
rs1329424	synaptic vesicle glycoprotein 2A measurement
rs1329424	synaptic vesicle glycoprotein 2A measurement
rs1329424	synaptic vesicle glycoprotein 2A measurement
rs1329424	syntaxin-1a measurement
rs1329424	syntaxin-1a measurement
rs1329424	syntaxin-1a measurement
rs1329424	syntaxin-1a measurement
rs1329424	syntaxin-1a measurement
rs1329424	syntaxin-1a measurement
rs1329424	syntaxin-1a measurement
rs1329424	syntaxin-1a measurement
rs1329424	ubiquitin-conjugating enzyme E2 D4 measurement
rs1329424	ubiquitin-conjugating enzyme E2 D4 measurement
rs1329424	ubiquitin-conjugating enzyme E2 D4 measurement
rs1329424	ubiquitin-conjugating enzyme E2 D4 measurement
rs1329424	ubiquitin-conjugating enzyme E2 D4 measurement
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rs1329424	ubiquitin-conjugating enzyme E2 D4 measurement
rs1329424	ubiquitin-conjugating enzyme E2 D4 measurement
rs1329424	uncharacterized protein KIAA0040 measurement
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rs1329424	uncharacterized protein KIAA0040 measurement
rs1329424	uncharacterized protein KIAA0040 measurement
rs1329424	uncharacterized protein KIAA0040 measurement
rs1329424	unique cartilage matrix-associated protein measurement
rs1329424	unique cartilage matrix-associated protein measurement

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rs1329424	unique cartilage matrix-associated protein measurement
rs1329424	unique cartilage matrix-associated protein measurement
rs1354034	14-3-3 protein beta/alpha measurement
rs1354034	15-hydroxyprostaglandin dehydrogenase [NAD(+)] measurement
rs1354034	1-stearoyl-2-oleoyl-GPS (18:0/18:1) measurement
rs1354034	26S proteasome non-ATPase regulatory subunit 4 measurement
rs1354034	3-phosphoinositide-dependent protein kinase 1 measurement
rs1354034	40s ribosomal protein S3 measurement
rs1354034	40S ribosomal protein S3a measurement
rs1354034	40S ribosomal protein S4, X isoform measurement
rs1354034	40s ribosomal protein S7 measurement
rs1354034	5-formyltetrahydrofolate cyclo-ligase measurement
rs1354034	60S ribosomal protein L30 measurement
rs1354034	6-phosphogluconate dehydrogenase, decarboxylating measurement
rs1354034	acid-sensing ion channel 4 measurement
rs1354034	activator of 90 kDa heat shock protein ATPase homolog 1 measurement
rs1354034	activator of apoptosis harakiri measurement
rs1354034	acyl-CoA-binding domain-containing protein 6 measurement
rs1354034	ADP-ribose pyrophosphatase, mitochondrial measurement
rs1354034	ADP-ribosylation factor GTPase-activating protein 2 measurement
rs1354034	ADP-ribosylation factor-binding protein GGA1 measurement
rs1354034	ADP-ribosylation factor-binding protein GGA3 measurement
rs1354034	AH receptor-interacting protein measurement
rs1354034	alpha-soluble NSF attachment protein measurement
rs1354034	alpha-taxilin measurement
rs1354034	amp kinase (alpha2beta2gamma1) measurement
rs1354034	amphiregulin measurement
rs1354034	Amphoterin-induced protein 2 measurement
rs1354034	AMSH-like protease measurement
rs1354034	angiopoietin-related protein 7 measurement
rs1354034	arfaptin-1 measurement
rs1354034	arf-GAP domain and FG repeat-containing protein 1 measurement
rs1354034	arylsulfatase K measurement
rs1354034	aspartate measurement
rs1354034	aspartate measurement
rs1354034	aspartate measurement
rs1354034	aspartyl/asparaginyl beta-hydroxylase measurement
rs1354034	ATP-dependent DNA helicase Q1 measurement
rs1354034	ATP-dependent rna helicase ddx19b measurement
rs1354034	B melanoma antigen 2 measurement
rs1354034	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 measurement
rs1354034	Bcl2-associated agonist of cell death measurement

rs1354034	beta-adrenergic receptor kinase 1 measurement
rs1354034	bone morphogenetic protein 7 measurement
rs1354034	bone morphogenetic protein 7 measurement
rs1354034	BRICHOS domain-containing protein 5 measurement
rs1354034	calcineurin measurement
rs1354034	calcium measurement
rs1354034	calcium-binding and coiled-coil domain-containing protein 2 measurement
rs1354034	cAMP-regulated phosphoprotein 19 measurement
rs1354034	casein kinase I isoform gamma-2 measurement
rs1354034	casein kinase I isoform gamma-2 measurement
rs1354034	casein kinase II 2-alpha:2-beta heterotetramer measurement
rs1354034	casein kinase II 2-alpha':2-beta heterotetramer measurement
rs1354034	cell cycle progression protein 1 measurement
rs1354034	cell differentiation protein RCD1 homolog measurement
rs1354034	charged multivesicular body protein 3 measurement
rs1354034	chloride intracellular channel protein 4 measurement
rs1354034	chymotrypsin-like protease CTRL-1 measurement
rs1354034	clathrin interactor 1 measurement
rs1354034	coiled-coil domain-containing protein 134 measurement
rs1354034	cold shock domain-containing protein E1 measurement
rs1354034	cold-inducible RNA-binding protein measurement
rs1354034	COMM domain-containing protein 7 measurement
rs1354034	cryptic protein measurement
rs1354034	cysteine--tRNA ligase, cytoplasmic measurement
rs1354034	deoxycytidine kinase measurement
rs1354034	derlin-1 measurement
rs1354034	desert hedgehog protein n-product measurement
rs1354034	dihydropyrimidinase-related protein 3 measurement
rs1354034	DNA dC->dU-editing enzyme APOBEC-3G measurement
rs1354034	DnaJ homolog subfamily A member 4 measurement
rs1354034	DnaJ homolog subfamily b member 1 measurement
rs1354034	DnaJ homolog subfamily B member 11 measurement
rs1354034	DnaJ homolog subfamily B member 14 measurement
rs1354034	DnaJ homolog subfamily B member 2 measurement
rs1354034	DnaJ homolog subfamily C member 10 measurement
rs1354034	DnaJ homolog subfamily C member 17 measurement
rs1354034	dolichyl-diphosphooligosaccharide--protein glycosyltransferase
rs1354034	double-stranded RNA-binding protein Stauf homolog 1 measurement
rs1354034	double-stranded RNA-binding protein Stauf homolog 2 measurement
rs1354034	dual specificity mitogen-activated protein kinase kinase 1 measurement
rs1354034	dynein light chain roadblock-type 1 measurement
rs1354034	dynein light chain roadblock-type 1 measurement
rs1354034	dynein light chain roadblock-type 1 measurement
rs1354034	E3 ubiquitin-protein ligase CHIP measurement
rs1354034	E3 ubiquitin-protein ligase DTX3L measurement
rs1354034	E3 ubiquitin-protein ligase RNF114 measurement
rs1354034	E3 ubiquitin-protein ligase ZNRF3 measurement

rs1354034	EH domain-containing protein 4 measurement
rs1354034	ELAV-like protein 1 measurement
rs1354034	endoplasmic reticulum lectin 1 measurement
rs1354034	endoplasmic reticulum resident protein 29 measurement
rs1354034	endoplasmin measurement
rs1354034	ERO1-like protein beta measurement
rs1354034	ETS domain-containing protein Elk-1 measurement
rs1354034	eukaryotic translation initiation factor 3 subunit G measurement
rs1354034	eukaryotic translation initiation factor 3 subunit J measurement
rs1354034	eukaryotic translation initiation factor 4 gamma 2 measurement
rs1354034	eukaryotic translation initiation factor 4 gamma 2 measurement
rs1354034	eukaryotic translation initiation factor 4B measurement
rs1354034	eukaryotic translation initiation factor 4E type 2 measurement
rs1354034	Eukaryotic translation initiation factor 4H measurement
rs1354034	eukaryotic translation initiation factor 5 measurement
rs1354034	eukaryotic translation initiation factor 5A-1 measurement
rs1354034	f-box/LRR-repeat protein 4 measurement
rs1354034	fragile X mental retardation syndrome-related protein 1 measurement
rs1354034	fructose-bisphosphate aldolase A measurement
rs1354034	galectin-4 measurement
rs1354034	gamma-aminobutyric acid receptor-associated protein-like 2
rs1354034	GDP-fucose protein O-fucosyltransferase 1 measurement
rs1354034	glucosamine 6-phosphate N-acetyltransferase measurement
rs1354034	glutaredoxin-2, mitochondrial measurement
rs1354034	glutathione peroxidase 7 measurement
rs1354034	glutathione S-transferase kappa 1 measurement
rs1354034	glyceraldehyde-3-phosphate dehydrogenase measurement
rs1354034	glycerophosphocholine phosphodiesterase GPCPD1 measurement
rs1354034	glycogen synthase kinase-3 alpha/beta measurement
rs1354034	glycylpeptide n-tetradecanoyltransferase 1 measurement
rs1354034	guanine nucleotide exchange factor DBS measurement
rs1354034	heat shock cognate 71 kda protein measurement
rs1354034	heat shock protein hsp 90-alpha/beta measurement
rs1354034	Heat shock protein HSP 90-beta measurement
rs1354034	heparan sulfate glucosamine 3-O-sulfotransferase 3A1 measurement
rs1354034	heterogeneous nuclear ribonucleoprotein a/b measurement
rs1354034	heterogeneous nuclear ribonucleoprotein D-like measurement
rs1354034	heterogeneous nuclear ribonucleoprotein q measurement
rs1354034	heterogeneous nuclear ribonucleoproteins A2/B1 measurement
rs1354034	high mobility group protein 20A measurement
rs1354034	histidine triad nucleotide-binding protein 1 measurement
rs1354034	histone deacetylase 8 measurement
rs1354034	immature platelet count
rs1354034	immature platelet fraction
rs1354034	immature platelet measurement
rs1354034	importin subunit beta-1 measurement
rs1354034	inosine-5'-monophosphate dehydrogenase 1 measurement

rs1354034	inosine-5'-monophosphate dehydrogenase 1 measurement
rs1354034	inosine-5'-monophosphate dehydrogenase 2 measurement
rs1354034	inositol-trisphosphate 3-kinase A measurement
rs1354034	integral membrane protein 2A measurement
rs6542680	17 Tumor necrosis factor receptor superfamily member 10B measurement
rs6542680	17 tumor necrosis factor receptor superfamily member 27 measurement
rs77246730	17 interleukin-19 measurement
rs4665972	19 tumor necrosis factor receptor superfamily member 21 measurement
rs4665972	19 tumor necrosis factor receptor superfamily member 21 measurement
rs62242542	32 macrophage inflammatory protein 1b measurement
rs79815064	32 C-C motif chemokine 3 measurement
rs79815064	32 macrophage inflammatory protein 1b measurement
rs80136777	32 CCL4 measurement
rs1354034	33 CCR4-NOT transcription complex subunit 1 measurement
rs1354034	33 cytokine receptor common subunit gamma measurement
rs1354034	33 epidermal growth factor receptor substrate 15-like 1 measurement
rs1354034	33 epiregulin measurement
rs1354034	33 fibroblast growth factor 16 measurement
rs1354034	intersectin-1 measurement
rs1354034	junctional adhesion molecule C measurement
rs1354034	kallikrein-15 measurement
rs1354034	KDEL motif-containing protein 2 measurement
rs1354034	killer cell immunoglobulin-like receptor 2DL4 measurement
rs1354034	kinesin-like protein KIF16B measurement
rs1354034	kinesin-like protein KIF23 measurement
rs1354034	Kunitz-type protease inhibitor 2 measurement
rs1354034	lamina-associated polypeptide 2, isoforms beta/gamma measurement
rs1354034	LDLR chaperone MESD measurement
rs1354034	leucine-rich repeat transmembrane protein FLRT1 measurement
rs1354034	Leukocyte surface antigen CD47 measurement
rs1354034	leukocyte-specific transcript 1 protein measurement
rs1354034	33 fibroblast growth factor 6 measurement
rs1354034	33 fibroblast growth factor 7 measurement
rs1354034	33 GRB2-related adapter protein measurement
rs1354034	L-lactate dehydrogenase B chain measurement
rs1354034	low-density lipoprotein receptor-related protein 1B measurement
rs1354034	lymphocyte antigen 6 complex locus protein G6c measurement
rs1354034	lymphocyte count
rs1354034	lymphocyte count
rs1354034	lymphocyte count
rs1354034	lymphocyte count
rs1354034	lymphocyte count
rs1354034	lymphocyte percentage of leukocytes
rs1354034	33 inhibitor of growth protein 1 measurement
rs1354034	33 interferon lambda-1 measurement
rs1354034	33 interferon-induced protein with tetratricopeptide repeats 3 measurement
rs1354034	lysM and putative peptidoglycan-binding domain-containing protein

rs1354034	lysozyme-like protein 2 measurement
rs1354034	macoilin measurement
rs1354034	MAGUK p55 subfamily member 7 measurement
rs1354034	MAP kinase-activated protein kinase 3 measurement
rs1354034	maspardin measurement
rs1354034	mast cell-expressed membrane protein 1 measurement
rs1354034	mean platelet volume
rs1354034	mean platelet volume
rs1354034	mean platelet volume
rs1354034	mean platelet volume
rs1354034	mean platelet volume
rs1354034	mean platelet volume
rs1354034	mean platelet volume
rs1354034	mean platelet volume
rs1354034	mean platelet volume
rs1354034	mean platelet volume
rs1354034	methionine aminopeptidase 2 measurement
rs1354034	methionine aminopeptidase 2 measurement
rs1354034	mitochondrial DNA measurement
rs1354034	mitogen-activated protein kinase 1 measurement
rs1354034	mitogen-activated protein kinase 14 measurement
rs1354034	mitogen-activated protein kinase 8 measurement
rs1354034	mitotic checkpoint serine/threonine-protein kinase BUB1 me
rs1354034	mothers against decapentaplegic homolog 4 measurement
rs1354034	myocyte-specific enhancer factor 2C measurement
rs1354034	N-acetyl-D-glucosamine kinase measurement
rs1354034	N-acetylneuraminate measurement
rs1354034	n-acetylserotonin O-methyltransferase-like protein measurer
rs1354034	nascent polypeptide-associated complex subunit alpha measi
rs1354034	nesprin-2 measurement
rs1354034	next to BRCA1 gene 1 protein measurement
rs1354034	NGFI-A-binding protein 1 measurement
rs1354034	NKG2D ligand 3 measurement
rs1354034	nmrA-like family domain-containing protein 1 measurement
rs1354034	non-homologous end-joining factor 1 measurement
rs1354034	non-receptor tyrosine-protein kinase TYK2 measurement
rs1354034	n-terminal Xaa-Pro-Lys N-methyltransferase 1 measurement
rs1354034	nuclear factor erythroid 2-related factor 1 measurement
rs1354034	nuclear migration protein nudC measurement
rs1354034	nuclear protein MDM1 measurement
rs1354034	NudC domain-containing protein 3 measurement
rs1354034	obg-like ATPase 1 measurement
rs1354034	oligophrenin-1 measurement
rs1354034	oligoribonuclease, mitochondrial measurement
rs1354034	p53 and DNA damage-regulated protein 1 measurement

rs1354034	palmitoyl-protein thioesterase 1 measurement
rs1354034	peptidase inhibitor 15 measurement
rs1354034	peptidyl-prolyl cis-trans isomerase E measurement
rs1354034	peptidyl-prolyl cis-trans isomerase FKBP14 measurement
rs1354034	peptidyl-prolyl cis-trans isomerase FKBP2 measurement
rs1354034	peptidyl-prolyl cis-trans isomerase FKBP7 measurement
rs1354034	peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 measu
rs1354034	peroxisome proliferator-activated receptor alpha measurem
rs1354034	PHD finger protein 3 measurement
rs1354034	phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and
rs1354034	phosphomevalonate kinase measurement
rs1354034	piwi-like protein 1 measurement
rs1354034	platelet aggregation
rs1354034	platelet count
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rs1354034	platelet crit
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rs1354034	platelet endothelial aggregation receptor 1 measurement
rs1354034	platelet glycoprotein VI measurement
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rs1354034	protein measurement
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rs1354034	protein measurement
rs1354034	protein measurement
rs1354034	protein MRVI1 measurement
rs1354034	protein O-glucosyltransferase 1 measurement
rs1354034	protein phosphatase 1A measurement
rs1354034	protein phosphatase 1L measurement
rs1354034	protein-tyrosine kinase 2-beta measurement
rs1354034	protrudin measurement
rs1354034	pulmonary surfactant-associated protein d measurement
rs1354034	pyridoxal phosphate phosphatase measurement
rs1354034	pyruvate measurement
rs1354034	pyruvate measurement
rs1354034	rab gdp dissociation inhibitor beta measurement
rs1354034	rap1 GTPase-GDP dissociation stimulator 1 measurement
rs1354034	Ras-related C3 botulinum toxin substrate 3 measurement
rs1354034	ras-related protein Rab-22A measurement
rs1354034	receptor-interacting serine/threonine-protein kinase 2 measurement
rs1354034	regulator of microtubule dynamics protein 1 measurement
rs1354034	response to stimulus,platelet measurement
rs1354034	reticulocyte count
rs1354034	reticulocyte count
rs1354034	reticulocyte count
rs1354034	reticulocyte count
rs1354034	reticulocyte measurement
rs1354034	reticulocyte measurement
rs1354034	rho GTPase-activating protein 5 measurement
rs1354034	rho guanine nucleotide exchange factor 1 measurement
rs1354034	rho guanine nucleotide exchange factor 10 measurement
rs1354034	rho-associated protein kinase 2 measurement

rs1354034	ribonucleoside-diphosphate reductase subunit M2 B measure
rs1354034	ribosome maturation protein sbds measurement
rs1354034	ribosome-binding protein 1 measurement
rs1354034	RING finger protein 215 measurement
rs1354034	RNA-binding protein 3 measurement
rs1354034	scavenger receptor class F member 1 measurement
rs1354034	seizure 6-like protein 2 measurement
rs1354034	semaphorin-4D measurement
rs1354034	serine/threonine-protein kinase BRSK2 measurement
rs1354034	serine/threonine-protein kinase MRCK beta measurement
rs1354034	Serine/threonine-protein kinase WNK3 measurement
rs1354034	serine-rich single-pass membrane protein 1 measurement
rs1354034	SH3 domain-binding protein 2 measurement
rs1354034	shc-transforming protein 1 measurement
rs1354034	shc-transforming protein 1 measurement
rs1354034	Signal transducer and activator of transcription 1-alpha/beta
rs1354034	Signal transducer and activator of transcription 3 measureme
rs1354034	Signal transducer and activator of transcription 6 measureme
rs1354034	small glutamine-rich tetratricopeptide repeat-containing prot
rs1354034	Small ubiquitin-related modifier 3 measurement
rs1354034	sorting nexin-17 measurement
rs1354034	sorting nexin-4 measurement
rs1354034	spermidine measurement
rs1354034	spermidine measurement
rs1354034	sphingadienine measurement
rs1354034	sphingadienine measurement
rs1354034	sphinganine measurement
rs1354034	sphinganine measurement
rs1354034	sphingosine 1-phosphate measurement
rs1354034	sphingosine measurement
rs1354034	sphingosine measurement
rs1354034	sphingosine measurement
rs1354034	spliceosome RNA helicase DDX39B measurement
rs1354034	splicing factor 3B subunit 4 measurement
rs1354034	stathmin-2 measurement
rs1354034	stathmin-3 measurement
rs1354034	stress-induced-phosphoprotein 1 measurement
rs1354034	stromal membrane-associated protein 1 measurement
rs1354034	structural maintenance of chromosomes protein 3 measuren
rs1354034	SWI/SNF-related matrix-associated actin-dependent regulato
rs1354034	synaptosomal-associated protein 29 measurement
rs1354034	syntaxin-8 measurement
rs1354034	tapasin measurement
rs1354034	tax1-binding protein 1 measurement
rs1354034	tax1-binding protein 3 measurement
rs1354034	thioredoxin domain-containing protein 12 measurement
rs1354034	thioredoxin domain-containing protein 5 measurement

rs1354034	thioredoxin reductase 1, cytoplasmic measurement
rs1354034	transcriptional activator protein Pur-alpha measurement
rs1354034	transforming protein RhoA measurement
rs1354034	translationally-controlled tumor protein measurement
rs1354034	transmembrane protein PVRIG measurement
rs1354034	tubulin-specific chaperone E measurement
rs1354034	tubulin--tyrosine ligase measurement
rs1354034	twisted gastrulation protein homolog 1 measurement
rs1354034	type III endosome membrane protein TEMP measurement
rs1354034	tyrosine-protein kinase FER measurement
rs1354034	tyrosine-protein kinase LCK measurement
rs1354034	tyrosine-protein kinase lyn measurement
rs1354034	tyrosine-protein kinase YES measurement
rs1354034	ubiquilin-4 measurement
rs1354034	ubiquitin carboxyl-terminal hydrolase 21 measurement
rs1354034	ubiquitin carboxyl-terminal hydrolase 25 measurement
rs1354034	ubiquitin carboxyl-terminal hydrolase 8 measurement
rs1354034	ubiquitin carboxyl-terminal hydrolase isozyme L1 measurement
rs1354034	ubiquitin-conjugating enzyme E2 L3 measurement
rs1354034	ubiquitin-conjugating enzyme E2 variant 1 measurement
rs1354034	ubiquitin-fold modifier 1 measurement
rs1354034	ubiquitin-fold modifier-conjugating enzyme 1 measurement
rs1354034	ubiquitin-like protein 4A measurement
rs1354034	ubiquitin-like protein ISG15 measurement
rs1354034	UBX domain-containing protein 4 measurement
rs1354034	uncharacterized protein C7orf69 measurement
rs1354034	uncharacterized protein KIAA0040 measurement
rs1354034	UPF0696 protein C11orf68 measurement
rs1354034	vacuolar protein sorting-associated protein VTA1 homolog m
rs1354034	vasoactive intestinal peptide measurement
rs1354034	vesicle transport through interaction with t-SNAREs homolog
rs1354034	vesicle transport through interaction with t-SNAREs homolog
rs1354034	vesicle-fusing ATPase measurement
rs1354034	vesicle-trafficking protein SEC22a measurement
rs1354034	vigilin measurement
rs1354034	voltage-gated potassium channel subunit beta-2 measurement
rs1354034	x-ray repair cross-complementing protein 6 measurement
rs1354034	y-box-binding protein 2 measurement
rs1421085	abdominal fat ratio
rs1421085	abdominal:gluteofemoral adipose tissue ratio measurement
rs1421085	age at assessment,longitudinal BMI measurement
rs1421085	alcohol consumption measurement
rs1421085	alcohol consumption measurement
rs1421085	alcohol consumption measurement,alcohol use disorder mea
rs1421085	alcohol dependence,alcohol use disorder measurement
rs1421085	alcohol use disorder measurement
rs1421085	base metabolic rate measurement

rs1421085	base metabolic rate measurement
rs1421085	body fat percentage
rs1421085	body fat percentage
rs1421085	body fat percentage
rs1421085	body fat percentage
rs1421085	body fat percentage
rs1421085	body mass index
rs1421085	body mass index
rs1421085	body mass index
rs1421085	body mass index
rs1421085	body mass index
rs1421085	body mass index
rs1421085	body mass index
rs1421085	body mass index
rs1421085	body mass index
rs1421085	body mass index
rs1421085	body mass index
rs1421085	body mass index
rs1421085	body weight
rs1421085	body weight
rs1421085	bone density,lean body mass
rs1421085	chronotype measurement
rs1421085	chronotype measurement
rs1421085	chronotype measurement
rs1421085	chronotype measurement
rs1421085	cigarettes per day measurement
rs1421085	clinical and behavioural ideal cardiovascular health
rs1421085	comparative body size at age 10, self-reported
rs1421085	c-reactive protein measurement
rs1421085	diet measurement
rs1421085	energy intake
rs1421085	energy intake
rs1421085	fasting blood insulin measurement
rs1421085	fasting blood insulin measurement
rs1421085	fat body mass
rs1421085	fat body mass
rs1421085	fat intake measurement
rs1421085	grip strength measurement
rs1421085	high density lipoprotein cholesterol measurement
rs1421085	hip circumference
rs1421085	hip circumference
rs1421085	hip circumference
rs1421085	hip circumference
rs1421085	HMG CoA reductase inhibitor use measurement
rs1421085	lean body mass
rs1421085	lean body mass
rs1421085	lean body mass

[illegible]

rs1671152	platelet measurement
rs1671152	reticulocyte count
rs1671152	reticulocyte count
rs1698237	urinary metabolite measurement
rs1793892	BMI-adjusted waist-hip ratio
rs1793892	BMI-adjusted waist-hip ratio
rs1873547	ceramide measurement
rs2125787	alpha fetoprotein measurement
rs2135232	cerebrospinal fluid biomarker measurement
rs2182760	platelet count
rs2182760	platelet count
rs2249581	self reported educational attainment
rs2376263	leukocyte count
rs255056	alcohol drinking,high density lipoprotein cholesterol measure
rs255056	alcohol drinking,high density lipoprotein cholesterol measure
rs255056	alcohol drinking,high density lipoprotein cholesterol measure
rs255056	alcohol drinking,high density lipoprotein cholesterol measure
rs255056	alcohol drinking,high density lipoprotein cholesterol measure
rs255056	high density lipoprotein cholesterol measurement
rs255056	high density lipoprotein cholesterol measurement
rs255056	high density lipoprotein cholesterol measurement
rs255056	high density lipoprotein cholesterol measurement
rs255056	high density lipoprotein cholesterol measurement
rs255056	high density lipoprotein cholesterol measurement
rs255056	high density lipoprotein cholesterol measurement
rs255056	high density lipoprotein cholesterol measurement
rs255056	high density lipoprotein cholesterol measurement,alcohol co
rs255056	high density lipoprotein cholesterol measurement,alcohol co
rs255056	high density lipoprotein cholesterol measurement,alcohol co
rs255056	high density lipoprotein cholesterol measurement,alcohol co
rs255056	high density lipoprotein cholesterol measurement,alcohol co
rs255056	triglyceride measurement
rs2741441	FEV/FEC ratio
rs2816648	platelet count
rs28382814	apolipoprotein a 1 measurement
rs28382814	Cholesterol:total lipids ratio,low density lipoprotein cholest
rs28382814	cholesteryl ester measurement,high density lipoprotein chole
rs28382814	cholesteryl ester measurement,high density lipoprotein chole
rs28382814	cholesteryl ester measurement,high density lipoprotein chole
rs28382814	Cholesteryl esters:total lipids ratio,high density lipoprotein ch
rs28382814	Cholesteryl esters:total lipids ratio,low density lipoprotein ch
rs28382814	free cholesterol measurement,high density lipoprotein chole:
rs28382814	free cholesterol measurement,high density lipoprotein chole:
rs28382814	free cholesterol measurement,high density lipoprotein chole:
rs28382814	Free cholesterol:total lipids ratio,high density lipoprotein cho

rs28382814	Free cholesterol:total lipids ratio,high density lipoprotein cho
rs28382814	Free cholesterol:total lipids ratio,high density lipoprotein cho
rs28382814	high density lipoprotein cholesterol measurement
rs28382814	high density lipoprotein cholesterol measurement
rs28382814	high density lipoprotein cholesterol measurement
rs28382814	high density lipoprotein cholesterol measurement
rs28382814	high density lipoprotein particle size measurement
rs28382814	lipid measurement,high density lipoprotein cholesterol meas
rs28382814	lipid measurement,high density lipoprotein cholesterol meas
rs28382814	lipoprotein measurement
rs28382814	phospholipid measurement,high density lipoprotein choleste
rs28382814	Phospholipids:total lipids ratio,low density lipoprotein choles
rs28382814	Phospholipids:total lipids ratio,very low density lipoprotein cl
rs28382814	total cholesterol measurement,high density lipoprotein chole
rs28382814	total cholesterol measurement,high density lipoprotein chole
rs28382814	Triglycerides:total lipids ratio,very low density lipoprotein ch
rs28383314	BMI-adjusted hip circumference
rs28383314	BMI-adjusted waist circumference
rs28383314	BMI-adjusted waist-hip ratio
rs28383314	BMI-adjusted waist-hip ratio
rs28383314	cholesterol in chylomicrons and extremely large VLDL measu
rs28383314	eosinophil count
rs28383314	eosinophil count
rs28383314	eosinophil count
rs28383314	eosinophil count
rs28383314	eosinophil count
rs28383314	eosinophil count
rs28383314	eosinophil count,basophil count
rs28383314	eosinophil percentage of leukocytes
rs28383314	fatty acid measurement
rs28383314	fatty acid measurement
rs28383314	fatty acid measurement
rs28383314	free cholesterol in chylomicrons and extremely large VLDL m
rs28383314	Free cholesterol:total lipids ratio,low density lipoprotein chol
rs28383314	intraocular pressure measurement
rs28383314	lipid measurement,high density lipoprotein cholesterol meas
rs28383314	monounsaturated fatty acids; 16:1, 18:1 measurement
rs28383314	Nasal cavity polyp
rs28383314	phospholipid measurement,high density lipoprotein choleste
rs28383314	Phospholipids:total lipids ratio
rs28383314	Phospholipids:total lipids ratio,low density lipoprotein choles
rs28383314	Phospholipids:total lipids ratio,low density lipoprotein choles
rs28383314	saturated fatty acids measurement
rs28383314	sclerosing cholangitis
rs28383314	triglyceride measurement
rs28383314	triglyceride measurement
rs28383314	triglyceride measurement

rs28383314	triglyceride measurement
rs28383314	triglyceride measurement
rs28383314	triglyceride measurement,high density lipoprotein cholesterc
rs28383314	triglyceride measurement,high density lipoprotein cholesterc
rs28383314	triglyceride measurement,high density lipoprotein cholesterc
rs28383314	triglyceride measurement,high density lipoprotein cholesterc
rs28383314	triglyceride measurement,very low density lipoprotein cholest
rs28383314	triglyceride measurement,very low density lipoprotein cholest
rs28383314	triglyceride measurement,very low density lipoprotein cholest
rs28383314	triglycerides in HDL measurement
rs28383314	triglycerides in medium HDL measurement
rs28383314	triglycerides in small HDL measurement
rs28383314	triglycerides in small LDL measurement
rs28383314	triglycerides in very small VLDL measurement
rs28383314	Triglycerides:total lipids ratio,high density lipoprotein cholest
rs28383314	Triglycerides:total lipids ratio,high density lipoprotein cholest
rs28595399	BMI-adjusted hip circumference
rs28595399	BMI-adjusted hip circumference
rs28595399	BMI-adjusted waist-hip ratio
rs28595399	BMI-adjusted waist-hip ratio
rs302953	body height
rs302953	body height
rs302953	coronary artery disease
rs302953	coronary artery disease
rs3135338	multiple sclerosis
rs3184504	acetate measurement
rs3184504	ACPA-positive rheumatoid arthritis,rheumatoid factor seropc
rs3184504	ankylosing spondylitis,crohn's disease,psoriasis,sclerosing chlc
rs3184504	apolipoprotein a 1 measurement
rs3184504	appendicular lean mass
rs3184504	appendicular lean mass
rs3184504	appendicular lean mass
rs3184504	aspartate aminotransferase measurement
rs3184504	autoantibody measurement,event free survival time,type 1 d
rs3184504	Autoimmune Hepatitis
rs3184504	autoimmune thyroid disease
rs3184504	basophil count
rs3184504	basophil count
rs3184504	basophil count
rs3184504	basophil count
rs3184504	basophil count,neutrophil count
rs3184504	beta-2 microglobulin measurement
rs3184504	birth weight
rs3184504	birth weight,parental genotype effect measurement
rs3184504	blood protein measurement
rs3184504	blood protein measurement

rs3184504	BMI-adjusted hip circumference
rs3184504	body height
rs3184504	body mass index
rs3184504	body mass index
rs3184504	brain measurement
rs3184504	breast carcinoma,colorectal cancer,estrogen-receptor negati
rs3184504	Calcium channel blocker use measurement
rs3184504	cardiovascular disease
rs3184504	celiac disease
rs3184504	celiac disease
rs3184504	colorectal cancer
rs3184504	colorectal cancer
rs3184504	colorectal cancer
rs3184504	colorectal cancer,endometrial neoplasm
rs3184504	coronary artery disease
rs3184504	coronary artery disease
rs3184504	coronary artery disease
rs3184504	coronary artery disease
rs3184504	coronary artery disease,plasminogen activator inhibitor 1 me
rs3184504	coronary artery disease,tissue plasminogen activator measur
rs3184504	cryptic phenotype measurement
rs3184504	cystatin c measurement
rs3184504	diastolic blood pressure
rs3184504	diastolic blood pressure
rs3184504	diastolic blood pressure
rs3184504	diastolic blood pressure
rs3184504	diastolic blood pressure
rs3184504	diastolic blood pressure
rs3184504	diastolic blood pressure
rs3184504	diastolic blood pressure
rs3184504	diastolic blood pressure
rs3184504	diastolic blood pressure
rs3184504	diastolic blood pressure
rs3184504	diastolic blood pressure
rs3184504	diastolic blood pressure,smoking status measurement
rs3184504	diastolic blood pressure,unipolar depression
rs3184504	endometrial carcinoma
rs3184504	endometrial carcinoma
rs3184504	eosinophil count
rs3184504	eosinophil count
rs3184504	eosinophil count
rs3184504	eosinophil count,neutrophil count
rs3184504	eosinophil measurement
rs3184504	erythrocyte count
rs3184504	erythrocyte count
rs3184504	erythrocyte count
rs3184504	erythrocyte count

rs3184504	factor VIII measurement,Ischemic stroke
rs3184504	factor XI measurement,Ischemic stroke
rs3184504	fibrinogen measurement
rs3184504	fibrinogen measurement,Ischemic stroke
rs3184504	glaucoma
rs3184504	granulocyte count
rs3184504	Hashimoto's thyroiditis
rs3184504	heart failure
rs3184504	hematocrit
rs3184504	hematocrit
rs3184504	hematocrit
rs3184504	hemoglobin measurement
rs3184504	hemoglobin measurement
rs3184504	hemoglobin measurement
rs3184504	hemoglobin measurement
rs3184504	hemoglobin measurement
rs3184504	hemoglobin measurement
rs3184504	hemoglobin measurement
rs3184504	high density lipoprotein cholesterol measurement
rs3184504	high density lipoprotein cholesterol measurement
rs3184504	high density lipoprotein cholesterol measurement
rs3184504	high density lipoprotein cholesterol measurement
rs3184504	high density lipoprotein cholesterol measurement
rs3184504	hypothyroidism
rs3184504	hypothyroidism
rs3184504	hypothyroidism
rs3184504	hypothyroidism
rs3184504	inflammatory bowel disease
rs3184504	intraocular pressure measurement
rs3184504	Ischemic stroke
rs3184504	Ischemic stroke
rs3184504	Ischemic stroke,factor VII measurement
rs3184504	Ischemic stroke,von Willebrand factor measurement
rs3184504	kynurenine measurement
rs3184504	kynurenine measurement
rs3184504	kynurenine measurement
rs3184504	large artery stroke
rs3184504	latent autoimmune diabetes in adults,type 2 diabetes mellitu
rs3184504	left ventricular diastolic function measurement
rs3184504	left ventricular systolic function measurement
rs3184504	leukocyte count
rs3184504	leukocyte count
rs3184504	leukocyte count
rs3184504	leukocyte count
rs3184504	leukocyte count
rs3184504	leukocyte count
rs3184504	low affinity immunoglobulin gamma Fc region receptor III-B r

rs3184504	low density lipoprotein cholesterol measurement
rs3184504	low density lipoprotein cholesterol measurement
rs3184504	low density lipoprotein cholesterol measurement
rs3184504	lymphocyte count
rs3184504	lymphocyte count
rs3184504	lymphocyte count
rs3184504	lymphocyte count
rs1354034	33 interleukin-23 receptor measurement
rs1354034	33 lymphotoxin-alpha measurement
rs1354034	33 protein measurement
rs1354034	33 protein measurement
rs1354034	33 protein measurement
rs1354034	33 protein measurement
rs3184504	monocyte count
rs3184504	monocyte count
rs3184504	monocyte count
rs3184504	monocyte count
rs1354034	33 protein measurement
rs3184504	multiple sclerosis
rs3184504	myeloid white cell count
rs3184504	myeloid white cell count
rs3184504	myeloid white cell count
rs3184504	natural killer cell receptor 2B4 measurement
rs3184504	neutrophil count
rs3184504	neutrophil count
rs3184504	neutrophil count
rs3184504	neutrophil count
rs3184504	neutrophil count
rs3184504	neutrophil count
rs1354034	33 protein measurement
rs3184504	non-high density lipoprotein cholesterol measurement
rs1354034	33 stromal cell-derived factor 2-like protein 1 measurement
rs3184504	parental longevity
rs3184504	peripheral arterial disease
rs3184504	plasminogen activator inhibitor 1 measurement,Ischemic strc
rs3184504	platelet count
rs3184504	platelet count
rs3184504	platelet count
rs3184504	platelet count
rs3184504	platelet count
rs3184504	platelet count
rs3184504	platelet crit
rs3184504	platelet crit
rs3184504	quinolinate measurement
rs3184504	reticulocyte count
rs3184504	reticulocyte count

rs3184504	reticulocyte count
rs3184504	reticulocyte measurement
rs3184504	reticulocyte measurement
rs3184504	reticulocyte measurement
rs3184504	retinal vasculature measurement
rs3184504	rheumatoid arthritis
rs3184504	rheumatoid arthritis
rs3184504	rheumatoid arthritis
rs3184504	rheumatoid arthritis
rs3184504	rheumatoid arthritis,anti-citrullinated protein antibody serop
rs3184504	rheumatoid arthritis,anti-citrullinated protein antibody serop
rs3184504	sclerosing cholangitis
rs3184504	sclerosing cholangitis
rs3184504	sclerosing cholangitis
rs3184504	semaphorin-4D measurement
rs3184504	serum alanine aminotransferase measurement
rs3184504	serum alanine aminotransferase measurement
rs3184504	serum IgA measurement
rs3184504	small vessel stroke
rs3184504	small vessel stroke
rs3184504	small vessel stroke
rs3184504	smoking status measurement,systolic blood pressure
rs3184504	squamous cell lung carcinoma,breast carcinoma,colorectal ca
rs3184504	stroke
rs3184504	stroke
rs3184504	systolic blood pressure
rs3184504	systolic blood pressure
rs3184504	systolic blood pressure
rs3184504	systolic blood pressure
rs3184504	systolic blood pressure
rs3184504	systolic blood pressure
rs3184504	t-cell surface glycoprotein CD5 measurement
rs3184504	Thyroid preparation use measurement
rs3184504	Thyroid preparation use measurement
rs3184504	thyroid stimulating hormone measurement
rs3184504	thyroid stimulating hormone measurement
rs3184504	tissue plasminogen activator measurement,Ischemic stroke
rs3184504	tonsillectomy risk measurement
rs3184504	tonsillectomy risk measurement
rs3184504	total cholesterol measurement
rs3184504	total cholesterol measurement
rs3184504	total cholesterol measurement
rs3184504	type 1 diabetes mellitus
rs3184504	type 1 diabetes mellitus
rs3184504	type 1 diabetes mellitus
rs3184504	type 2 diabetes mellitus
rs3184504	vascular cell adhesion protein 1 measurement

rs3184504	vitamin D-binding protein measurement
rs3184504	vitamin D-binding protein measurement
rs3184504	wellbeing measurement
rs3184504	white matter microstructure measurement
rs3184504	X-12100 measurement
rs34826779	leukocyte count
rs34826779	leukocyte count
rs34826779	liver fibrosis measurement
rs34826779	liver fibrosis measurement
rs34826779	liver fibrosis measurement
rs34826779	liver fibrosis measurement
rs34826779	platelet count
rs34826779	platelet count
rs34881325	erythrocyte count
rs34881325	hematocrit
rs34881325	hematocrit
rs34881325	hemoglobin measurement
rs34881325	monocyte count
rs34881325	platelet count
rs34881325	platelet count
rs1042663	59 blood protein measurement
rs1042663	59 blood protein measurement
rs1042663	59 blood protein measurement
rs362307	alcohol consumption measurement
rs362307	alcohol consumption measurement
rs362307	educational attainment
rs362307	gait measurement
rs362307	high density lipoprotein cholesterol measurement
rs362307	household income
rs362307	intelligence
rs362307	neuroimaging measurement
rs362307	risk-taking behaviour
rs362307	self reported educational attainment
rs362307	type 2 diabetes mellitus
rs362307	type 2 diabetes mellitus
rs362307	type 2 diabetes mellitus
rs362307	visceral adipose tissue measurement
rs362307	worry measurement
rs362307	worry measurement
rs385893	basophil count,neutrophil count
rs385893	eosinophil count,neutrophil count
rs385893	granulocyte count
rs385893	granulocyte percentage of myeloid white cells
rs385893	immature platelet count
rs385893	lactate measurement
rs385893	lactate measurement
rs385893	leukocyte count

rs385893	leukocyte count
rs385893	leukocyte count
rs385893	liver fibrosis measurement
rs385893	liver fibrosis measurement
rs385893	liver fibrosis measurement
rs385893	lymphocyte percentage of leukocytes
rs385893	mean corpuscular hemoglobin
rs385893	mean corpuscular volume
rs385893	mitochondrial DNA measurement
rs385893	mitochondrial DNA measurement
rs385893	mitochondrial DNA measurement
rs385893	myeloid white cell count
rs385893	myeloid white cell count
rs385893	myeloid white cell count
rs385893	neutrophil count
rs385893	neutrophil count
rs385893	neutrophil count
rs385893	neutrophil count
rs385893	neutrophil count
rs385893	neutrophil percentage of leukocytes
rs385893	neutrophil percentage of leukocytes
rs385893	neutrophil-to-lymphocyte ratio
rs385893	platelet count
rs385893	platelet count
rs385893	platelet count
rs385893	platelet count
rs385893	platelet count
rs385893	platelet count
rs385893	platelet count
rs385893	platelet count
rs385893	platelet count
rs385893	platelet count
rs385893	platelet count
rs385893	platelet count
rs385893	platelet count
rs385893	platelet glycoprotein ib alpha chain measurement
rs385893	platelet measurement
rs385893	platelet-to-lymphocyte ratio
rs385893	vitamin D-binding protein measurement
rs389096	leukocyte immunoglobulin-like receptor subfamily B member
rs453821	augurin measurement
rs453821	chitinase-3-like protein 2 measurement
rs453821	collectin-10 measurement
rs453821	DNA-directed RNA polymerases I and III subunit RPAC1 meas
rs453821	E3 ubiquitin-protein ligase NEURL1 measurement
rs453821	glutaredoxin-like protein C5orf63 measurement
rs453821	kallikrein-6 measurement

rs453821	mast cell-expressed membrane protein 1 measurement
rs453821	o-acetyl-ADP-ribose deacetylase MACROD1 measurement
rs453821	phosphatidylinositol 4-phosphate 3-kinase C2 domain-contain
rs453821	polycomb protein SCMH1 measurement
rs453821	pre-mRNA-processing factor 6 measurement
rs453821	pro-FMRFamide-related neuropeptide FF measurement
rs453821	protein delta homolog 1 measurement
rs453821	protein measurement
rs453821	protein measurement
rs453821	protein measurement
rs453821	protein measurement
rs453821	protein measurement
rs453821	protein measurement
rs453821	protein measurement
rs453821	protein measurement
rs453821	protein measurement
rs453821	protein measurement
rs453821	protein measurement
rs453821	protein measurement
rs453821	protein sel-1 homolog 2 measurement
rs453821	radiation-inducible immediate-early gene IEX-1 measurement
rs453821	receptor-type tyrosine-protein kinase flt3 measurement
rs453821	rhopilin-2 measurement
rs453821	thioredoxin-interacting protein measurement
rs453821	valine--tRNA ligase measurement
rs453821	zinc finger protein 276 measurement
rs45505795	blood protein measurement
rs45505795	blood protein measurement
rs45505795	BMI-adjusted hip circumference
rs45505795	emphysema imaging measurement
rs45505795	emphysema imaging measurement
rs45505795	FEV/FEC ratio,response to bronchodilator
rs45505795	response to bronchodilator,forced expiratory volume
rs4634925	metabolite measurement
rs4665972	1-arachidonoyl-GPE (20:4n6) measurement
rs4665972	1-arachidonoyl-GPE (20:4n6) measurement
rs4665972	1-dihomo-linolenoyl-GPC (20:3n3 or 6) measurement
rs4665972	1-dihomo-linolenoyl-GPC (20:3n3 or 6) measurement
rs4665972	1-dihomo-linolenoyl-GPE (20:3n3 or 6) measurement
rs4665972	1-dihomo-linolenoyl-GPE (20:3n3 or 6) measurement
rs4665972	1-dihomo-linoleoyl-GPC (20:2) measurement
rs4665972	1-dihomo-linoleoyl-GPC (20:2) measurement
rs4665972	1-docosaheptaenoyl-GPC (22:6) measurement
rs4665972	1-docosaheptaenoyl-GPC (22:6) measurement

rs4665972	1-docosapentaenoyl-GPC (22:5n3) measurement
rs4665972	1-docosapentaenoyl-GPC (22:5n3) measurement
rs4665972	1-docosapentaenoyl-GPC (22:5n6) measurement
rs4665972	1-docosapentaenoyl-GPC (22:5n6) measurement
rs4665972	1-eicosapentaenoyl-GPC (20:5) measurement
rs4665972	1-eicosapentaenoyl-GPC (20:5) measurement
rs4665972	1-eicosapentaenoyl-GPE (20:5) measurement
rs4665972	1-eicosapentaenoyl-GPE (20:5) measurement
rs4665972	1-oleoyl-GPC (18:1) measurement
rs4665972	1-oleoyl-GPC (18:1) measurement
rs4665972	1-palmitoleoyl-GPC (16:1) measurement
rs4665972	1-palmitoleoyl-GPC (16:1) measurement
rs4665972	1-palmitoleoyl-GPC (16:1) measurement
rs4665972	1-palmitoleoyl-GPC (16:1) measurement
rs4665972	1-palmitoyl-2-arachidonoyl-GPI (16:0/20:4) measurement
rs4665972	1-palmitoyl-2-arachidonoyl-GPI (16:0/20:4) measurement
rs4665972	1-palmitoyl-2-oleoyl-GPC (16:0/18:1) measurement
rs4665972	1-palmitoyl-2-oleoyl-GPC (16:0/18:1) measurement
rs4665972	1-palmitoyl-2-palmitoleoyl-GPC (16:0/16:1) measurement
rs4665972	1-palmitoyl-2-palmitoleoyl-GPC (16:0/16:1) measurement
rs4665972	1-palmitoyl-GPC (16:0) measurement
rs4665972	1-palmitoyl-GPC (16:0) measurement
rs4665972	1-palmitoyl-GPE (16:0) measurement
rs4665972	1-palmitoyl-GPE (16:0) measurement
rs4665972	1-stearoyl-2-arachidonoyl-GPE (18:0/20:4) measurement
rs4665972	1-stearoyl-2-arachidonoyl-GPE (18:0/20:4) measurement
rs4665972	1-stearoyl-2-arachidonoyl-GPI (18:0/20:4) measurement
rs4665972	1-stearoyl-2-arachidonoyl-GPI (18:0/20:4) measurement
rs4665972	1-stearoyl-2-dihomo-linolenoyl-GPC (18:0/20:3n3 or 6) meas
rs4665972	1-stearoyl-2-dihomo-linolenoyl-GPC (18:0/20:3n3 or 6) meas
rs4665972	1-stearoyl-2-docosahexaenoyl-GPC (18:0/22:6) measurement
rs4665972	1-stearoyl-2-docosahexaenoyl-GPC (18:0/22:6) measurement
rs4665972	1-stearoyl-2-oleoyl-GPC (18:0/18:1) measurement
rs4665972	1-stearoyl-2-oleoyl-GPC (18:0/18:1) measurement
rs4665972	1-stearoyl-2-oleoyl-GPE (18:0/18:1) measurement
rs4665972	1-stearoyl-2-oleoyl-GPE (18:0/18:1) measurement
rs4665972	1-stearoyl-GPC (18:0) measurement
rs4665972	1-stearoyl-GPC (18:0) measurement
rs4665972	1-stearoyl-GPE (18:0) measurement
rs4665972	1-stearoyl-GPE (18:0) measurement
rs4665972	2-hydroxybutyrate/2-hydroxyisobutyrate measurement
rs4665972	2-hydroxybutyrate/2-hydroxyisobutyrate measurement
rs4665972	2-oleoyl-GPC (18:1) measurement
rs4665972	2-oleoyl-GPC (18:1) measurement
rs4665972	2-palmitoyl-GPC (16:0) measurement
rs4665972	2-palmitoyl-GPC (16:0) measurement
rs4665972	2-palmitoyl-GPE (16:0) measurement

rs4665972	2-palmitoyl-GPE (16:0) measurement
rs4665972	2-stearoyl-GPE (18:0) measurement
rs4665972	2-stearoyl-GPE (18:0) measurement
rs4665972	3-aminoisobutyrate measurement
rs4665972	3-aminoisobutyrate measurement
rs4665972	albuminuria
rs4665972	albuminuria
rs4665972	albuminuria
rs4665972	alcohol consumption measurement,low density lipoprotein c
rs4665972	alcohol consumption measurement,low density lipoprotein c
rs4665972	alcohol consumption measurement,low density lipoprotein c
rs4665972	alcohol consumption measurement,low density lipoprotein c
rs4665972	alcohol consumption measurement,triglyceride measuremen
rs4665972	alcohol consumption measurement,triglyceride measuremen
rs4665972	alcohol consumption measurement,triglyceride measuremen
rs4665972	alcohol consumption measurement,triglyceride measuremen
rs4665972	alcohol consumption measurement,triglyceride measuremen
rs4665972	alcohol consumption measurement,triglyceride measuremen
rs4665972	alcohol consumption measurement,triglyceride measuremen
rs4665972	alcohol consumption measurement,triglyceride measuremen
rs4665972	alcohol consumption measurement,triglyceride measuremen
rs4665972	alcohol drinking,low density lipoprotein cholesterol measure
rs4665972	alcohol drinking,low density lipoprotein cholesterol measure
rs4665972	alcohol drinking,low density lipoprotein cholesterol measure
rs4665972	alcohol drinking,low density lipoprotein cholesterol measure
rs4665972	alcohol drinking,triglyceride measurement
rs4665972	alcohol drinking,triglyceride measurement
rs4665972	alcohol drinking,triglyceride measurement
rs4665972	alcohol drinking,triglyceride measurement
rs4665972	alcohol drinking,triglyceride measurement
rs4665972	alcohol drinking,triglyceride measurement
rs4665972	alcohol drinking,triglyceride measurement
rs4665972	alcohol drinking,triglyceride measurement
rs4665972	alkaline phosphatase measurement
rs4665972	alkaline phosphatase measurement
rs4665972	apolipoprotein B measurement
rs4665972	apolipoprotein B measurement
rs4665972	appendicular lean mass
rs4665972	appendicular lean mass
rs4665972	asparagine measurement
rs4665972	asparagine measurement
rs4665972	blood protein measurement
rs4665972	blood protein measurement

rs4665972	breast size
rs4665972	breast size
rs4665972	brother of CDO measurement
rs4665972	brother of CDO measurement
rs4665972	cadherin-3 measurement
rs4665972	cadherin-3 measurement
rs4665972	ceramide measurement
rs4665972	ceramide measurement
rs4665972	ceramide measurement
rs4665972	ceramide measurement
rs4665972	cholesterol in medium LDL measurement
rs4665972	cholesterol in medium LDL measurement
rs4665972	cholesterol in small LDL measurement
rs4665972	cholesterol in small LDL measurement
rs4665972	cholesterol in small VLDL measurement
rs4665972	cholesterol in small VLDL measurement
rs4665972	cholesteryl ester measurement
rs4665972	cholesteryl ester measurement
rs4665972	cholesteryl ester measurement
rs4665972	cholesteryl ester measurement
rs4665972	cholesteryl ester measurement
rs4665972	cholesteryl ester measurement
rs4665972	cholesteryl ester measurement
rs4665972	cholesteryl ester measurement
rs4665972	coagulation factor IXAB measurement
rs4665972	coagulation factor IXAB measurement
rs4665972	coagulation factor X measurement
rs4665972	coagulation factor X measurement
rs4665972	coffee consumption measurement
rs4665972	coffee consumption measurement
rs4665972	docosahexaenoic acid measurement
rs4665972	docosahexaenoic acid measurement
rs4665972	docosahexaenoic acid measurement
rs4665972	docosahexaenoic acid measurement
rs4665972	fatty acid measurement
rs4665972	fatty acid measurement
rs4665972	fatty acid measurement
rs4665972	fatty acid measurement
rs4665972	fatty acid measurement
rs4665972	fatty acid measurement
rs4665972	fatty acid measurement
rs4665972	fatty acid measurement
rs4665972	fatty acid measurement
rs4665972	fatty acid measurement
rs4665972	free cholesterol in medium VLDL measurement
rs4665972	free cholesterol in medium VLDL measurement
rs4665972	free cholesterol in small VLDL measurement

[illegible]

rs4665972	low density lipoprotein cholesterol measurement
rs4665972	low density lipoprotein cholesterol measurement
rs4665972	low density lipoprotein cholesterol measurement
rs4665972	low density lipoprotein cholesterol measurement
rs4665972	low density lipoprotein cholesterol measurement
rs4665972	lumican measurement
rs4665972	lumican measurement
rs4665972	lymphocyte:monocyte ratio
rs4665972	lymphocyte:monocyte ratio
rs4665972	mean corpuscular volume
rs4665972	mean corpuscular volume
rs4665972	Moderate albuminuria
rs4665972	Moderate albuminuria
rs4665972	neurogenic locus notch homolog protein 1 measurement
rs4665972	neurogenic locus notch homolog protein 1 measurement
rs4665972	omega-3 polyunsaturated fatty acid measurement
rs4665972	omega-3 polyunsaturated fatty acid measurement
rs4665972	phosphatidylcholine measurement
rs4665972	phosphatidylcholine measurement
rs4665972	phospholipids in medium VLDL measurement
rs4665972	phospholipids in medium VLDL measurement
rs4665972	phospholipids in small VLDL measurement
rs4665972	phospholipids in small VLDL measurement
rs4665972	phospholipids in very small VLDL measurement
rs4665972	phospholipids in very small VLDL measurement
rs1042663	59 interleukin 18 receptor 1 measurement
rs6993770	74 blood protein measurement
rs4665972	plexin-B2 measurement
rs4665972	plexin-B2 measurement
rs4665972	protein measurement
rs4665972	protein measurement
rs4665972	receptor-type tyrosine-protein phosphatase S measurement
rs4665972	receptor-type tyrosine-protein phosphatase S measurement
rs4665972	remnant cholesterol measurement
rs4665972	remnant cholesterol measurement
rs4665972	reticulocyte count
rs4665972	reticulocyte count
rs4665972	reticulocyte count
rs4665972	reticulocyte count
rs4665972	reticulocyte count
rs4665972	sex hormone-binding globulin measurement
rs4665972	sex hormone-binding globulin measurement
rs4665972	sex hormone-binding globulin measurement
rs4665972	sex hormone-binding globulin measurement
rs4665972	sex hormone-binding globulin measurement

[illegible]

rs4665972	triglyceride measurement
rs4665972	triglyceride measurement
rs4665972	triglyceride measurement
rs4665972	triglyceride measurement
rs4665972	triglyceride measurement
rs4665972	triglyceride measurement
rs4665972	triglyceride measurement
rs4665972	triglyceride measurement
rs4665972	triglyceride measurement
rs4665972	tyrosine measurement
rs4665972	tyrosine measurement
rs4665972	urinary albumin to creatinine ratio
rs4665972	urinary albumin to creatinine ratio
rs4665972	urinary albumin to creatinine ratio
rs4665972	urinary albumin to creatinine ratio
rs4665972	urinary albumin to creatinine ratio
rs4665972	urinary albumin to creatinine ratio
rs4665972	urinary albumin to creatinine ratio
rs4665972	urinary albumin to creatinine ratio
rs4665972	urinary albumin to creatinine ratio
rs4665972	urinary albumin to creatinine ratio
rs4665972	urinary albumin to creatinine ratio
rs4665972	urinary sodium to potassium ratio
rs4665972	urinary sodium to potassium ratio
rs4665972	very low density lipoprotein cholesterol measurement
rs4665972	very low density lipoprotein cholesterol measurement
rs4665972	very low density lipoprotein cholesterol measurement
rs4665972	very low density lipoprotein cholesterol measurement
rs4665972	very low density lipoprotein cholesterol measurement
rs4665972	very low density lipoprotein cholesterol measurement
rs4665972	Vesicular integral-membrane protein VIP36 measurement
rs4665972	Vesicular integral-membrane protein VIP36 measurement
rs4665972	X-12063 measurement
rs4665972	X-12063 measurement
rs4846913	blood protein measurement
rs4846913	dual specificity mitogen-activated protein kinase kinase 4 me
rs4846913	high density lipoprotein cholesterol measurement
rs4846913	high density lipoprotein cholesterol measurement
rs4846913	high density lipoprotein cholesterol measurement,sleep dura
rs4846913	red blood cell distribution width
rs4846913	triglyceride measurement
rs4846913	triglyceride measurement
rs4846913	triglyceride measurement
rs4846913	vitamin D measurement
rs514230	alkaline phosphatase measurement
rs514230	apolipoprotein a 1 measurement
rs514230	apolipoprotein B measurement

rs514230	bilirubin measurement
rs514230	cholesterol in large LDL measurement
rs514230	cholesterol in medium LDL measurement
rs514230	cholesterol in small LDL measurement
rs514230	Cholesterol:total lipids ratio,low density lipoprotein cholesterol
rs514230	cholesteryl ester measurement
rs514230	cholesteryl ester measurement
rs514230	cholesteryl ester measurement
rs514230	diet measurement
rs514230	esterified cholesterol measurement
rs514230	free cholesterol in large LDL measurement
rs514230	free cholesterol in LDL measurement
rs514230	free cholesterol in medium LDL measurement
rs514230	high density lipoprotein cholesterol measurement
rs514230	low density lipoprotein cholesterol measurement
rs514230	low density lipoprotein cholesterol measurement
rs514230	low density lipoprotein cholesterol measurement
rs514230	low density lipoprotein cholesterol measurement
rs514230	low density lipoprotein cholesterol measurement
rs514230	low density lipoprotein cholesterol measurement
rs514230	low density lipoprotein cholesterol measurement
rs514230	low density lipoprotein cholesterol measurement
rs514230	low density lipoprotein cholesterol measurement
rs514230	low density lipoprotein cholesterol measurement
rs514230	low density lipoprotein cholesterol measurement
rs514230	phospholipids in large LDL measurement
rs514230	phospholipids in LDL measurement
rs514230	phospholipids in medium LDL measurement
rs6993770	74 brain-derived neurotrophic factor measurement
rs514230	sphingomyelin measurement
rs514230	total cholesterol measurement
rs514230	total cholesterol measurement
rs514230	total cholesterol measurement
rs514230	total cholesterol measurement
rs514230	total cholesterol measurement
rs514230	total cholesterol measurement
rs514230	total lipids in large LDL
rs514230	total lipids in LDL measurement
rs514230	total lipids in medium LDL
rs514230	urate measurement
rs56949579	insomnia
rs56949579	insomnia
rs62143194	butyrylcholinesterase measurement
rs62143194	butyrylcholinesterase measurement
rs62143194	double-stranded RNA-binding protein Stauf homolog 1 me
rs62143194	double-stranded RNA-binding protein Stauf homolog 1 me
rs62143194	inosine-5'-monophosphate dehydrogenase 1 measurement
rs62143194	inosine-5'-monophosphate dehydrogenase 1 measurement

rs62143194	killer cell lectin-like receptor subfamily F member 1 measure
rs62143194	killer cell lectin-like receptor subfamily F member 1 measure
rs62143194	low-density lipoprotein receptor-related protein 1, soluble m
rs62143194	low-density lipoprotein receptor-related protein 1, soluble m
rs62143194	low-density lipoprotein receptor-related protein 1B measure
rs62143194	low-density lipoprotein receptor-related protein 1B measure
rs62143194	lymphocyte measurement
rs62143194	lymphocyte measurement
rs62143194	lysophosphatidylcholine acyltransferase 2 measurement
rs62143194	lysophosphatidylcholine acyltransferase 2 measurement
rs62143194	osteocalcin measurement
rs62143194	osteocalcin measurement
rs6993770	74 C-C motif chemokine 17 measurement
rs6993770	74 C-X-C motif chemokine 11 measurement
rs6993770	74 C-X-C motif chemokine 5 measurement
rs6993770	74 C-X-C motif chemokine 6 measurement
rs62143194	riboflavin kinase measurement
rs62143194	riboflavin kinase measurement
rs62143194	tyrosine-protein kinase FGR measurement
rs62143194	tyrosine-protein kinase FGR measurement
rs62143194	very long-chain acyl-CoA synthetase measurement
rs62143194	very long-chain acyl-CoA synthetase measurement
rs62143194	WSC domain-containing protein 2 measurement
rs62143194	WSC domain-containing protein 2 measurement
rs6993770	74 fibroblast growth factor basic measurement,granulocyte colo
rs6479248	BMI-adjusted hip circumference
rs6542680	acid sphingomyelinase-like phosphodiesterase 3a measurem
rs6542680	alkaline phosphatase measurement
rs6542680	alkaline phosphatase measurement
rs6542680	angiopoietin-related protein 4 measurement
rs6542680	atrial natriuretic factor measurement
rs6542680	baculoviral IAP repeat-containing protein 7 isoform beta mea
rs6542680	blood protein measurement
rs6542680	bone morphogenetic protein 10 measurement
rs6542680	cathepsin G measurement
rs6542680	CD226 antigen measurement
rs6542680	collectin-10 measurement
rs6542680	collectin-11 measurement
rs6542680	collectin-11 measurement
rs6542680	collectin-11 measurement
rs6542680	dual specificity protein phosphatase 4 measurement
rs6542680	gdnf family receptor alpha-3 measurement
rs6542680	guanine deaminase measurement
rs6542680	high density lipoprotein cholesterol measurement
rs6542680	high density lipoprotein cholesterol measurement
rs6542680	high density lipoprotein cholesterol measurement
rs6542680	low density lipoprotein cholesterol measurement

rs6542680	mannan-binding lectin serine protease 1 measurement
rs6542680	phospholipid measurement,triglyceride measurement
rs6542680	platelet count
rs6542680	protein C-ets-2 measurement
rs6542680	protein eva-1 homolog C measurement
rs6993770	74 interleukin 12 measurement
rs6993770	74 interleukin 12 measurement
rs6993770	74 neutrophil-activating peptide 2 measurement
rs6993770	74 platelet-derived growth factor D measurement
rs6993770	74 platelet-derived growth factor D measurement
rs6993770	74 platelet-derived growth factor D measurement
rs6993770	74 platelet-derived growth factor subunit A measurement
rs6993770	74 platelet-derived growth factor subunit b measurement
rs6542680	protein measurement
rs6542680	protein measurement
rs6542680	protein measurement
rs6542680	protein measurement
rs6542680	serum gamma-glutamyl transferase measurement
rs6542680	serum gamma-glutamyl transferase measurement
rs6542680	serum non-albumin protein measurement
rs6542680	sh2 domain-containing protein 1a measurement
rs6542680	s-phase kinase-associated protein 1 measurement
rs6542680	sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating
rs6542680	tensin-4 measurement
rs6542680	total cholesterol measurement
rs6542680	triglyceride measurement
rs6542680	triglyceride measurement
rs6542680	triglyceride measurement,very low density lipoprotein chole
rs6542680	zinc finger protein 10 measurement
rs6580980	platelet measurement
rs6662383	neutrophil measurement
rs6679677	ACPA-positive rheumatoid arthritis,rheumatoid factor seropc
rs6679677	alkaline phosphatase measurement
rs6679677	ankylosing spondylitis,autoimmune disease,autoimmune thyr
rs6679677	anti-neutrophil antibody associated vasculitis
rs6679677	autoantibody measurement,event free survival time,type 1 d
rs6679677	autoantibody measurement,event free survival time,type 1 d
rs6679677	basal cell carcinoma
rs6679677	basophil percentage of leukocytes
rs6679677	celiac disease,rheumatoid arthritis
rs6679677	crohn's disease
rs6679677	hypothyroidism
rs6679677	Immunosuppressant use measurement
rs6679677	Immunosuppressant use measurement
rs6679677	juvenile idiopathic arthritis
rs6679677	juvenile idiopathic arthritis
rs6679677	keratinocyte carcinoma

rs6679677	lymphocyte count
rs6679677	monocyte count
rs6679677	myositis
rs6679677	myositis,rheumatoid arthritis,systemic lupus erythematosus,:
rs6679677	neutrophil count
rs6679677	neutrophil count
rs6679677	non-melanoma skin carcinoma
rs6679677	oligoarticular juvenile idiopathic arthritis,polyarticular juvenil
rs6679677	platelet-to-lymphocyte ratio
rs6993770	74 protein measurement
rs6679677	rheumatoid arthritis
rs6679677	rheumatoid arthritis
rs6679677	rheumatoid arthritis
rs6679677	rheumatoid arthritis
rs6679677	rheumatoid arthritis,ulcerative colitis
rs6679677	systemic lupus erythematosus
rs6679677	systemic lupus erythematosus
rs6679677	temporal arteritis
rs6679677	type 1 diabetes mellitus
rs6679677	type 1 diabetes mellitus
rs6679677	type 1 diabetes mellitus
rs6679677	wellbeing measurement
rs675849	Cholesterol:total lipids ratio,high density lipoprotein choleste
rs675849	cholesteryl esters to total lipids in large LDL percentage
rs675849	Cholesteryl esters:total lipids ratio,low density lipoprotein ch
rs675849	free cholesterol measurement,high density lipoprotein chole:
rs675849	Free cholesterol:total lipids ratio,high density lipoprotein cho
rs675849	high density lipoprotein cholesterol measurement
rs675849	high density lipoprotein cholesterol measurement
rs675849	high density lipoprotein cholesterol measurement
rs675849	Phospholipids:total lipids ratio,high density lipoprotein chole:
rs6782228	basophil count,neutrophil count
rs6782228	eosinophil count,neutrophil count
rs6782228	granulocyte count
rs6782228	leukocyte count
rs6782228	lymphocyte percentage of leukocytes
rs6782228	lymphocyte percentage of leukocytes
rs6782228	monocyte count
rs6782228	monocyte count
rs6782228	myeloid white cell count
rs6782228	neutrophil count
rs679574	ankylosing spondylitis,crohn's disease,psoriasis,sclerosing ch
rs679574	blood protein measurement
rs679574	blood protein measurement
rs679574	blood protein measurement
rs679574	blood protein measurement
rs679574	blood protein measurement

rs679574	blood protein measurement
rs679574	breast milk measurement
rs679574	COVID-19
rs679574	galactoside 3(4)-L-fucosyltransferase measurement
rs679574	intestinal-type alkaline phosphatase measurement
rs679574	low density lipoprotein cholesterol measurement
rs679574	metabolite measurement
rs679574	protein FAM177A1 measurement
rs6993770	74 tumor necrosis factor receptor superfamily member EDAR m
rs679574	secretagogin measurement
rs6993770	5-formyltetrahydrofolate cyclo-ligase measurement
rs6993770	aflatoxin B1 aldehyde reductase member 2 measurement
rs6993770	amyloid-like protein 2 measurement
rs6993770	angiopoietin-1 measurement
rs6993770	angiopoietin-1 measurement
rs6993770	blood protein measurement
rs6993770	blood protein measurement
rs6993770	blood protein measurement
rs6993770	blood protein measurement
rs6993770	blood protein measurement
rs6993770	calcium measurement
rs6993770	carbohydrate sulfotransferase 11 measurement
rs6993770	cochlin measurement
rs6993770	cochlin measurement
rs6993770	corneodesmosin measurement
rs6993770	dickkopf-related protein 1 measurement
rs6993770	dickkopf-related protein 1 measurement
rs6993770	dickkopf-related protein 1 measurement
rs6993770	Dickkopf-related protein 4 measurement
rs6993770	Dickkopf-related protein 4 measurement
rs6993770	Dickkopf-related protein 4 measurement
rs6993770	disks large homolog 3 measurement
rs6993770	DnaJ homolog subfamily B member 11 measurement
rs6993770	endoplasmic reticulum resident protein 44 measurement
rs6993770	erythrocyte count
rs6993770	erythrocyte count
rs6993770	Galectin-7 measurement
rs6993770	gamma-enolase measurement
rs6993770	glutathione peroxidase 7 measurement
rs6993770	heparan sulfate glucosamine 3-O-sulfotransferase 3A1 measu
rs6993770	immature platelet count
rs6993770	immature platelet fraction
rs6993770	immature platelet measurement
rs6993770	integrin alpha-I: beta-1 complex measurement
rs6993770	lactate measurement
rs6993770	lysosomal protective protein measurement
rs6993770	matrix metalloproteinase 1 measurement

rs6993770	mean platelet volume
rs6993770	mean platelet volume
rs6993770	mean platelet volume
rs6993770	mean platelet volume
rs6993770	melanocortin-2 receptor accessory protein 2 measurement
rs6993770	mitogen-activated protein kinase 8 measurement
rs6993770	monocyte count
rs6993770	NAD-dependent protein deacylase sirtuin-5, mitochondrial m
rs6993770	neuron-specific protein family member 2 measurement
rs6993770	neutrophil count
rs6993770	plasminogen activator inhibitor 1 measurement
rs6993770	plasminogen activator inhibitor 1 measurement
rs6993770	plasminogen activator inhibitor 1 measurement,venous thror
rs6993770	platelet component distribution width
rs6993770	platelet component distribution width
rs6993770	platelet count
rs6993770	platelet count
rs6993770	platelet count
rs6993770	platelet count
rs6993770	platelet count
rs6993770	platelet count
rs6993770	platelet count
rs6993770	platelet count
rs6993770	platelet count
rs6993770	platelet count
rs6993770	platelet count
rs6993770	platelet count
rs6993770	platelet crit
rs6993770	platelet crit
rs6993770	platelet measurement
rs6993770	platelet measurement
rs6993770	platelet measurement
rs6993770	platelet measurement
rs6993770	probable carboxypeptidase X1 measurement
rs6993770	74 tumor necrosis factor receptor superfamily member EDAR m
rs6993770	protein measurement
rs6993770	protein measurement
rs6993770	protein measurement
rs6993770	protein measurement
rs6993770	protein measurement
rs6993770	74 vascular endothelial growth factor A measurement
rs6993770	protein measurement
rs6993770	protein measurement
rs6993770	protein measurement
rs6993770	pyruvate measurement
rs6993770	somatostatin-28 measurement
rs6993770	SPARC measurement
rs6993770	74 vascular endothelial growth factor A measurement

rs6993770	synaptotagmin-11 measurement
rs6993770	testican-3 measurement
rs6993770	74 vascular endothelial growth factor A measurement
rs6993770	74 vascular endothelial growth factor A, isoform 121 measurement
rs6993770	74 vascular endothelial growth factor measurement
rs6993770	74 vascular endothelial growth factor measurement
rs6993770	74 vascular endothelial growth factor measurement
rs34881325	78 vascular endothelial growth factor A measurement
rs34881325	78 vascular endothelial growth factor A measurement
rs34881325	78 vascular endothelial growth factor measurement
rs75071241	96 macrophage colony-stimulating factor 1 receptor measurement
rs3184504	102 C-C motif chemokine 3 measurement
rs3184504	102 C-X-C motif chemokine 10 measurement
rs3184504	102 C-X-C motif chemokine 11 measurement
rs3184504	102 C-X-C motif chemokine 9 measurement
rs3184504	102 CXCL11 measurement
rs3184504	102 interleukin-12 subunit B measurement
rs3184504	102 nt-3 growth factor receptor measurement
rs3184504	102 protein measurement
rs3184504	102 tumor necrosis factor measurement
rs7310615	102 lymphotoxin-alpha measurement
rs7310615	102 lymphotoxin-alpha measurement
rs7310615	102 lymphotoxin-alpha measurement
rs11553699	103 blood protein measurement
rs6993770	UDP-glucuronic acid decarboxylase 1 measurement
rs6993770	UDP-glucuronosyltransferase 2A1 measurement
rs6993770	venous thromboembolism,tissue plasminogen activator measurement
rs6993770	zinc transporter 5 measurement
rs6999569	triglyceride measurement
rs6999569	triglyceride:HDL cholesterol ratio
rs6999569	triglyceride:HDL cholesterol ratio
rs6999569	triglyceride:HDL cholesterol ratio
rs7075281	body mass index
rs7075281	body mass index
rs7149169	intelligence
rs7217473	eyelid sagging measurement
rs11553699	103 heparin-binding egf-like growth factor measurement
rs7221894	neutrophil count
rs72683129	complex trait
rs72683129	c-reactive protein measurement
rs72683129	high density lipoprotein cholesterol measurement
rs72683129	leukocyte count
rs72683129	low density lipoprotein cholesterol measurement
rs72683129	mean corpuscular volume
rs72683129	mitochondrial DNA measurement
rs72683129	neutrophil count
rs72704449	protein measurement

rs73089379	macula measurement
rs7310615	Agents acting on the renin-angiotensin system use measure
rs7310615	Agents acting on the renin-angiotensin system use measure
rs7310615	Agents acting on the renin-angiotensin system use measure
rs7310615	Agents acting on the renin-angiotensin system use measure
rs7310615	Agents acting on the renin-angiotensin system use measure
rs7310615	alcohol consumption measurement,low density lipoprotein c
rs7310615	alcohol consumption measurement,low density lipoprotein c
rs7310615	alcohol consumption measurement,low density lipoprotein c
rs7310615	alcohol consumption measurement,low density lipoprotein c
rs7310615	alcohol consumption measurement,low density lipoprotein c
rs7310615	alcohol consumption measurement,mean arterial pressure
rs7310615	alcohol consumption measurement,mean arterial pressure
rs7310615	alcohol consumption measurement,mean arterial pressure
rs7310615	alcohol consumption measurement,systolic blood pressure
rs7310615	alcohol consumption measurement,systolic blood pressure
rs7310615	alcohol consumption measurement,systolic blood pressure
rs7310615	alcohol drinking,diastolic blood pressure
rs7310615	alcohol drinking,diastolic blood pressure
rs7310615	alcohol drinking,diastolic blood pressure
rs7310615	alcohol drinking,high density lipoprotein cholesterol measure
rs7310615	alcohol drinking,high density lipoprotein cholesterol measure
rs7310615	alcohol drinking,high density lipoprotein cholesterol measure
rs7310615	alcohol drinking,high density lipoprotein cholesterol measure
rs7310615	alcohol drinking,high density lipoprotein cholesterol measure
rs7310615	alcohol drinking,high density lipoprotein cholesterol measure
rs7310615	alcohol drinking,low density lipoprotein cholesterol measure
rs7310615	alcohol drinking,low density lipoprotein cholesterol measure
rs7310615	alcohol drinking,low density lipoprotein cholesterol measure
rs7310615	alcohol drinking,low density lipoprotein cholesterol measure
rs7310615	alcohol drinking,low density lipoprotein cholesterol measure
rs7310615	alcohol drinking,low density lipoprotein cholesterol measure
rs7310615	alcohol drinking,mean arterial pressure
rs7310615	alcohol drinking,mean arterial pressure
rs7310615	alcohol drinking,mean arterial pressure
rs7310615	alcohol drinking,mean arterial pressure
rs7310615	alcohol drinking,mean arterial pressure
rs7310615	alcohol drinking,systolic blood pressure
rs7310615	alcohol drinking,systolic blood pressure
rs7310615	alcohol drinking,systolic blood pressure
rs7310615	autoimmune disease
rs7310615	autoimmune disease
rs7310615	autoimmune disease
rs7310615	basophil count

rs7310615	basophil count
rs7310615	basophil count
rs7310615	Beta blocking agent use measurement
rs7310615	Beta blocking agent use measurement
rs7310615	Beta blocking agent use measurement
rs7310615	Beta blocking agent use measurement
rs7310615	Beta blocking agent use measurement
rs7310615	Beta blocking agent use measurement
rs7310615	bilirubin measurement
rs7310615	bilirubin measurement
rs7310615	bilirubin measurement
rs7310615	blood protein measurement
rs7310615	blood protein measurement
rs7310615	blood protein measurement
rs7310615	body mass index
rs7310615	body mass index
rs7310615	body mass index
rs7310615	brain connectivity measurement
rs7310615	brain connectivity measurement
rs7310615	brain connectivity measurement
rs7310615	brain connectivity measurement
rs7310615	brain connectivity measurement
rs7310615	brain connectivity measurement
rs7310615	coronary artery disease,fibrinogen measurement
rs7310615	coronary artery disease,fibrinogen measurement
rs7310615	coronary artery disease,fibrinogen measurement
rs7310615	Diuretic use measurement
rs7310615	Diuretic use measurement
rs7310615	Diuretic use measurement
rs7310615	Diuretic use measurement
rs7310615	Diuretic use measurement
rs7310615	Diuretic use measurement
rs7310615	dyslexia
rs7310615	dyslexia
rs7310615	dyslexia
rs7310615	eosinophil count
rs7310615	eosinophil count
rs7310615	eosinophil count
rs7310615	fibrinogen measurement
rs7310615	fibrinogen measurement
rs7310615	fibrinogen measurement
rs7310615	fibrinogen measurement,factor VII measurement
rs7310615	fibrinogen measurement,factor VII measurement
rs7310615	fibrinogen measurement,factor VII measurement
rs7310615	fibrinogen measurement,venous thromboembolism
rs7310615	fibrinogen measurement,venous thromboembolism
rs7310615	fibrinogen measurement,venous thromboembolism

rs7310615	hemoglobin A1 measurement
rs7310615	hemoglobin A1 measurement
rs7310615	hemoglobin A1 measurement
rs7310615	hemoglobin measurement
rs7310615	hemoglobin measurement
rs7310615	hemoglobin measurement
rs7310615	high density lipoprotein cholesterol measurement
rs7310615	high density lipoprotein cholesterol measurement
rs7310615	high density lipoprotein cholesterol measurement
rs7310615	high density lipoprotein cholesterol measurement,alcohol co
rs7310615	high density lipoprotein cholesterol measurement,alcohol co
rs7310615	high density lipoprotein cholesterol measurement,alcohol co
rs7310615	high density lipoprotein cholesterol measurement,alcohol co
rs7310615	high density lipoprotein cholesterol measurement,alcohol co
rs7310615	high density lipoprotein cholesterol measurement,alcohol co
rs7310615	left ventricular diastolic function measurement
rs7310615	left ventricular diastolic function measurement
rs7310615	left ventricular diastolic function measurement
rs7310615	lymphocyte count
rs7310615	lymphocyte count
rs7310615	lymphocyte count
rs7310615	monocyte count
rs7310615	monocyte count
rs7310615	monocyte count
rs7310615	myeloproliferative disorder
rs7310615	myeloproliferative disorder
rs7310615	myeloproliferative disorder
rs7310615	protein measurement
rs7310615	protein measurement
rs7310615	protein measurement
rs11553699	103 heparin-binding egf-like growth factor measurement
rs11553699	103 protein measurement
rs77924615	124 blood protein measurement
rs7310615	vascular cell adhesion protein 1 measurement
rs7310615	vascular cell adhesion protein 1 measurement
rs7310615	vascular cell adhesion protein 1 measurement
rs7310615	white matter microstructure measurement
rs7310615	white matter microstructure measurement
rs7310615	white matter microstructure measurement
rs73554552	erythrocyte measurement
rs73554552	immature platelet fraction
rs73554552	immature platelet measurement
rs73554552	platelet measurement
rs738409	acne
rs738409	alcohol dehydrogenase 4 measurement
rs738409	alcoholic liver cirrhosis
rs738409	alcoholic liver disease

[illegible]

[illegible]

rs738409	serum alanine aminotransferase measurement
rs738409	serum alanine aminotransferase measurement
rs738409	serum alanine aminotransferase measurement
rs738409	sex hormone-binding globulin measurement
rs738409	sex hormone-binding globulin measurement
rs738409	sex hormone-binding globulin measurement
rs738409	sex hormone-binding globulin measurement
rs738409	sex hormone-binding globulin measurement
rs738409	sex hormone-binding globulin measurement
rs738409	sex hormone-binding globulin measurement
rs738409	testosterone measurement
rs738409	testosterone measurement
rs738409	testosterone measurement
rs738409	testosterone measurement
rs738409	testosterone measurement
rs738409	testosterone measurement
rs738409	total cholesterol measurement
rs738409	total cholesterol measurement
rs738409	total cholesterol measurement
rs738409	triacylglycerol 56:5 measurement
rs738409	triacylglycerol 56:6 measurement
rs738409	triacylglycerol 56:6 measurement
rs738409	triglyceride measurement
rs738409	triglyceride measurement
rs738409	triglyceride measurement
rs738409	triglyceride measurement
rs738409	triglyceride measurement
rs738409	triglyceride measurement
rs738409	triglyceride measurement
rs738409	type 2 diabetes mellitus
rs738409	type 2 diabetes mellitus
rs738409	type 2 diabetes mellitus
rs738409	type 2 diabetes mellitus
rs738409	urate measurement
rs738409	uric acid measurement
rs7412	1-(1-enyl-stearoyl)-2-linoleoyl-GPE (P-18:0/18:2)* measurem
rs7412	age of onset of Alzheimer disease
rs7412	Agents acting on the renin-angiotensin system use measurem
rs7412	Agents acting on the renin-angiotensin system use measurem
rs7412	aging
rs7412	alanine measurement
rs7412	alkaline phosphatase measurement
rs7412	Alzheimer disease
rs7412	Alzheimer disease
rs7412	Alzheimer disease
rs7412	Alzheimer disease
rs7412	Alzheimer disease

[illegible]

rs7412	blood protein measurement
rs7412	blood protein measurement
rs7412	blood protein measurement
rs7412	blood protein measurement
rs7412	blood protein measurement
rs7412	blood protein measurement
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rs7412	blood protein measurement
rs7412	blood protein measurement
rs7412	blood protein measurement
rs7412	blood protein measurement
rs7412	blood protein measurement
rs7412	blood protein measurement
rs7412	blood protein measurement
rs7412	body mass index
rs7412	body mass index
rs7412	cadherin-related family member 5 measurement
rs7412	Calcium channel blocker use measurement
rs7412	Calcium channel blocker use measurement
rs7412	cardiovascular disease
rs7412	cell surface glycoprotein CD200 receptor 2 measurement
rs7412	ceramide measurement
rs7412	cholesterol in very large HDL measurement
rs7412	cholesterol in very small VLDL measurement
rs7412	cholesterol to total lipids in large HDL percentage
rs7412	cholesterol to total lipids in very large HDL percentage
rs7412	cholesterol to total lipids in very large VLDL percentage

rs7412	Cholesterol:total lipids ratio,high density lipoprotein choleste
rs7412	Cholesterol:total lipids ratio,high density lipoprotein choleste
rs7412	cholesteryl ester 16:0 measurement
rs7412	cholesteryl ester 18:0 measurement
rs7412	cholesteryl ester 18:2 measurement
rs7412	cholesteryl ester 24:6 measurement
rs7412	cholesteryl ester measurement
rs7412	cholesteryl ester measurement
rs7412	cholesteryl ester measurement
rs7412	cholesteryl ester measurement,low density lipoprotein chole
rs7412	cholesteryl ester measurement,very low density lipoprotein c
rs7412	cholesteryl esters to total lipids in large LDL percentage
rs7412	cholesteryl esters to total lipids in small HDL percentage
rs7412	cholesteryl esters to total lipids in small LDL percentage
rs7412	cholesteryl esters to total lipids in small VLDL percentage
rs7412	cholesteryl esters to total lipids in very large HDL percentage
rs7412	cholesteryl esters to total lipids in very large VLDL percentage
rs7412	Cholesteryl esters:total lipids ratio,Cholesterol:total lipids rat
rs7412	Cholesteryl esters:total lipids ratio,high density lipoprotein cl
rs7412	Cholesteryl esters:total lipids ratio,high density lipoprotein cl
rs7412	Cholesteryl esters:total lipids ratio,low density lipoprotein ch
rs7412	Cholesteryl esters:total lipids ratio,low density lipoprotein ch
rs7412	Cholesteryl esters:total lipids ratio,very low density lipoprote
rs7412	Cholesteryl esters:total lipids ratio,very low density lipoprote
rs7412	Cholesteryl esters:total lipids ratio,very low density lipoprote
rs7412	cigarettes per day measurement
rs7412	clinical and behavioural ideal cardiovascular health
rs7412	cold shock domain-containing protein C2 measurement
rs7412	common carotid intimal medial thickness
rs7412	coronary artery calcification
rs7412	coronary artery disease
rs7412	coronary artery disease
rs7412	coronary artery disease
rs7412	coronary artery disease
rs7412	coronary artery disease
rs7412	coronary artery disease,factor VII measurement
rs7412	coronary artery disease,factor VIII measurement
rs7412	coronary artery disease,factor XI measurement
rs7412	coronary artery disease,fibrinogen measurement
rs7412	coronary artery disease,von Willebrand factor measurement
rs7412	c-reactive protein measurement
rs7412	cystatin c measurement
rs7412	cytochrome p450 3a4 measurement
rs7412	degree of unsaturation measurement
rs7412	diet measurement

rs7412	diet measurement,metabolite measurement
rs7412	diglyceride measurement
rs7412	diglyceride measurement
rs7412	diglyceride measurement
rs7412	diglyceride measurement
rs7412	disintegrin and metalloproteinase domain-containing protein
rs7412	DNA/RNA-binding protein KIN17 measurement
rs7412	docosahexaenoic acid measurement
rs7412	docosahexaenoic acid measurement
rs7412	endothelial monocyte-activating polypeptide 2 measurement
rs7412	erythrocyte count
rs7412	erythrocyte measurement
rs7412	esterified stigmastrol measurement
rs7412	family history of Alzheimer's disease
rs7412	free cholesterol in medium VLDL measurement
rs7412	free cholesterol in small VLDL measurement
rs7412	free cholesterol in very large HDL measurement
rs7412	free cholesterol measurement,high density lipoprotein chole:
rs7412	free cholesterol measurement,very low density lipoprotein cl
rs7412	free cholesterol measurement,very low density lipoprotein cl
rs7412	free cholesterol to total lipids in very small VLDL percentage
rs7412	Free cholesterol:total lipids ratio,low density lipoprotein chol
rs7412	Free cholesterol:total lipids ratio,low density lipoprotein chol
rs7412	Free cholesterol:total lipids ratio,very low density lipoprotein
rs7412	Free cholesterol:total lipids ratio,very low density lipoprotein
rs7412	gallstones
rs7412	GM3 ganglioside measurement
rs7412	GM3 ganglioside measurement
rs7412	GM3 ganglioside measurement
rs7412	GM3 ganglioside measurement
rs7412	GM3 ganglioside measurement
rs7412	guanine nucleotide-binding protein G(k) subunit alpha measu
rs7412	high density lipoprotein cholesterol measurement
rs7412	high density lipoprotein cholesterol measurement
rs7412	high density lipoprotein cholesterol measurement
rs7412	high density lipoprotein cholesterol measurement
rs7412	high density lipoprotein cholesterol measurement
rs7412	high density lipoprotein cholesterol measurement
rs7412	high density lipoprotein cholesterol measurement
rs7412	high density lipoprotein cholesterol measurement
rs7412	high density lipoprotein cholesterol measurement
rs7412	high density lipoprotein cholesterol measurement
rs7412	histone-lysine N-methyltransferase 2C measurement
rs7412	HMG CoA reductase inhibitor use measurement
rs7412	HMG CoA reductase inhibitor use measurement

rs7412	HMG CoA reductase inhibitor use measurement
rs7412	integrin alpha-IIb: beta-3 complex measurement
rs7412	kin of IRRE-like protein 3 measurement
rs7412	late-onset Alzheimers disease
rs7412	LDL cholesterol change measurement
rs7412	LDL cholesterol change measurement,response to statin
rs7412	LDL cholesterol change measurement,response to statin
rs7412	level of baculoviral IAP repeat-containing protein 2 in blood s
rs7412	level of centrosomal protein 20 in blood serum
rs7412	level of coiled-coil domain-containing protein 24 in blood ser
rs7412	level of coiled-coil-helix-coiled-coil-helix domain-containing p
rs7412	level of cysteine-rich protein 1 in blood serum
rs7412	level of D-3-phosphoglycerate dehydrogenase in blood serum
rs7412	level of DCN1-like protein 5 in blood serum
rs7412	level of dehydrogenase/reductase SDR family member 9 in bl
rs7412	level of glutamate--cysteine ligase regulatory subunit in blood
rs7412	level of Indian hedgehog protein in blood serum
rs7412	level of PCNA-associated factor in blood serum
rs7412	level of Phosphatidylcholine (O-16:0_20:3) in blood serum
rs7412	level of protein phosphatase 1G in blood serum
rs7412	level of serine/threonine-protein kinase 10 in blood serum
rs7412	level of Sphingomyelin (d34:1) in blood serum
rs7412	level of Sphingomyelin (d40:1) in blood serum
rs7412	level of Sphingomyelin (d42:2) in blood serum
rs7412	level of Sterol ester (27:1/16:0) in blood serum
rs7412	level of Sterol ester (27:1/16:0) in blood serum
rs7412	level of Sterol ester (27:1/16:0) in blood serum
rs7412	level of Sterol ester (27:1/18:1) in blood serum
rs7412	level of Sterol ester (27:1/18:1) in blood serum
rs7412	level of Sterol ester (27:1/18:2) in blood serum
rs7412	level of Sterol ester (27:1/18:2) in blood serum
rs7412	level of Sterol ester (27:1/18:2) in blood serum
rs7412	level of Sterol ester (27:1/20:4) in blood serum
rs7412	level of Sterol ester (27:1/20:4) in blood serum
rs7412	level of Sterol ester (27:1/20:4) in blood serum
rs7412	level of Sterol ester (27:1/22:6) in blood serum
rs7412	level of uracil-DNA glycosylase in blood serum
rs7412	level of vacuolar protein sorting-associated protein 29 in bloc
rs7412	lipid measurement
rs7412	lipoprotein A measurement
rs7412	lipoprotein A measurement
rs7412	lipoprotein-associated phospholipase A(2) change measurem
rs7412	lipoprotein-associated phospholipase a(2) measurement
rs7412	liver fibrosis measurement
rs7412	longevity
rs7412	longevity
rs7412	longevity
rs7412	longevity

[illegible]

rs7412	non-high density lipoprotein cholesterol measurement
rs7412	non-high density lipoprotein cholesterol measurement
rs7412	N-palmitoyl-sphinganine (d18:0/16:0) measurement
rs7412	pain
rs7412	palmitoyl dihydrosphingomyelin (d18:0/16:0) measurement
rs7412	palmitoyl sphingomyelin (d18:1/16:0) measurement
rs7412	palmitoyl sphingomyelin (d18:1/16:0) measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylcholine measurement
rs7412	phosphatidylethanolamine measurement
rs7412	phosphatidylethanolamine measurement
rs7412	phosphatidylethanolamine measurement
rs7412	phosphatidylethanolamine measurement
rs7412	phosphatidylethanolamine measurement
rs7412	phosphatidylethanolamine measurement
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rs7412	phosphatidylethanolamine measurement
rs7412	phosphatidylethanolamine measurement
rs7412	phosphatidylethanolamine measurement
rs7412	phosphatidylethanolamine measurement
rs7412	phosphoglucomutase-1 measurement
rs7412	phosphoglycerides measurement
rs7412	phospholipids in medium VLDL measurement
rs7412	phospholipids in very small VLDL measurement
rs7412	Phospholipids:total lipids ratio
rs7412	Phospholipids:total lipids ratio

rs7412	Phospholipids:total lipids ratio
rs7412	Phospholipids:total lipids ratio
rs7412	Phospholipids:total lipids ratio,intermediate density lipoprote
rs7412	Phospholipids:total lipids ratio,low density lipoprotein cholest
rs7412	Phospholipids:total lipids ratio,low density lipoprotein cholest
rs7412	Phospholipids:total lipids ratio,very low density lipoprotein cl
rs7412	platelet crit
rs7412	polyunsaturated fatty acid measurement
rs7412	pregnancy-specific beta-1-glycoprotein 5 measurement
rs7412	proteasome activator complex subunit 1 measurement
rs7412	proteasome activator complex subunit 1 measurement
rs7412	proteasome activator complex subunit 1 measurement
rs7412	protein measurement
rs7412	pseudokinase FAM20A measurement
rs7412	pulse pressure measurement
rs7412	pulse pressure measurement
rs7412	pulse pressure measurement
rs7412	pulse pressure measurement
rs7412	pulse pressure measurement
rs7412	pulse pressure measurement
rs7412	quinone oxidoreductase-like protein 1 measurement
rs7412	red blood cell distribution width
rs7412	red blood cell distribution width
rs7412	red blood cell distribution width
rs7412	red blood cell distribution width
rs7412	red blood cell distribution width
rs7412	response to statin,LDL cholesterol change measurement
rs7412	reticulocyte count
rs7412	reticulocyte count
rs7412	reticulocyte count
rs7412	reticulocyte count
rs7412	reticulocyte count
rs7412	reticulocyte count
rs7412	reticulocyte measurement
rs7412	selenoprotein S measurement
rs7412	sexual dimorphism measurement
rs7412	sonic hedgehog protein measurement
rs7412	Sphingomyelin (d18:1/14:0, d16:1/16:0) measurement
rs7412	Sphingomyelin (d18:1/15:0, d16:1/17:0) measurement
rs7412	Sphingomyelin (d18:1/17:0, d17:1/18:0, d19:1/16:0) measur
rs7412	Sphingomyelin (d18:1/20:0, d16:1/22:0) measurement
rs7412	Sphingomyelin (d18:1/20:0, d16:1/22:0) measurement
rs7412	Sphingomyelin (d18:1/20:1, d18:2/20:0) measurement
rs7412	Sphingomyelin (d18:1/21:0, d17:1/22:0, d16:1/23:0) measur
rs7412	Sphingomyelin (d18:1/22:1, d18:2/22:0, d16:1/24:1) measur
rs7412	Sphingomyelin (d18:1/22:1, d18:2/22:0, d16:1/24:1) measur
rs7412	Sphingomyelin (d18:2/23:0, d18:1/23:1, d17:1/24:1) measur

rs7412	sphingomyelin 16:0 measurement
rs7412	sphingomyelin 18:0 measurement
rs7412	sphingomyelin 24:0 measurement
rs7412	sphingomyelin 24:1 measurement
rs7412	sphingomyelin measurement
rs7412	sphingomyelin measurement
rs7412	sphingomyelin measurement
rs7412	stearoyl sphingomyelin (d18:1/18:0) measurement
rs7412	stearoyl sphingomyelin (d18:1/18:0) measurement
rs7412	steroidogenic acute regulatory protein, mitochondrial measu
rs7412	stromelysin-1 measurement
rs7412	systolic blood pressure
rs7412	systolic blood pressure
rs7412	systolic blood pressure
rs7412	systolic blood pressure
rs7412	total cholesterol measurement
rs7412	total cholesterol measurement
rs7412	total cholesterol measurement
rs7412	total cholesterol measurement
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rs7412	total cholesterol measurement
rs7412	total cholesterol measurement
rs7412	total cholesterol measurement
rs7412	total cholesterol measurement
rs7412	total cholesterol measurement
rs7412	total cholesterol measurement,very low density lipoprotein c
rs7412	total lipids in medium VLDL
rs7412	total lipids in very small VLDL measurement
rs7412	triacylglycerol 56:3 measurement

rs7412	tricosanoyl sphingomyelin (d18:1/23:0) measurement
rs7412	triglyceride measurement
rs7412	triglyceride measurement
rs7412	triglyceride measurement
rs7412	triglyceride measurement,high density lipoprotein cholesterol
rs7412	triglycerides in HDL measurement
rs7412	triglycerides in medium HDL measurement
rs7412	triglycerides to total lipids in very large VLDL percentage
rs7217473	133 blood protein measurement
rs76960253	133 macrophage inflammatory protein 1b measurement
rs9903158	133 C-C motif chemokine 14 measurement
rs7412	vacuolar protein sorting-associated protein 29 measurement
rs7412	very low density lipoprotein cholesterol measurement
rs7412	very low density lipoprotein cholesterol measurement
rs7412	vitamin D measurement
rs7412	vitamin D measurement
rs7412	vitamin D measurement
rs7412	X-24870 measurement
rs743862	MHC class I polypeptide-related sequence A measurement
rs117618570	139 TNF-related apoptosis-inducing ligand measurement
rs75071241	scavenger receptor cysteine-rich type 1 protein m130 measurement
rs74778900	139 TNF-related apoptosis-inducing ligand measurement
rs7550207	basophil count,neutrophil count
rs7550207	c-reactive protein measurement
rs7550207	eosinophil count,neutrophil count
rs7550207	granulocyte count
rs7550207	leukocyte count
rs7550207	neutrophil count
rs7412	143 blood protein measurement
rs7412	143 blood protein measurement
rs77246730	collectin-11 measurement
rs7412	143 level of inhibitor of growth protein 4 in blood serum
rs77924615	Agents acting on the renin-angiotensin system use measurement
rs77924615	Agents acting on the renin-angiotensin system use measurement
rs77924615	Antihypertensive use measurement
rs77924615	Beta blocking agent use measurement
rs77924615	blood protein measurement
rs77924615	blood protein measurement
rs77924615	blood urea nitrogen measurement
rs77924615	blood urea nitrogen measurement
rs77924615	blood urea nitrogen measurement
rs77924615	Calcium channel blocker use measurement
rs77924615	cardiovascular disease
rs77924615	chronic kidney disease
rs77924615	chronic kidney disease
rs77924615	creatinine measurement,glomerular filtration rate
rs77924615	creatinine measurement

rs77924615	creatinine measurement
rs77924615	creatinine measurement
rs77924615	creatinine measurement
rs77924615	creatinine measurement
rs77924615	diastolic blood pressure
rs77924615	Diuretic use measurement
rs77924615	glomerular filtration rate
rs77924615	glomerular filtration rate
rs77924615	glomerular filtration rate
rs77924615	glomerular filtration rate
rs77924615	glomerular filtration rate
rs77924615	glomerular filtration rate
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rs77924615	glomerular filtration rate
rs77924615	glomerular filtration rate
rs77924615	glomerular filtration rate
rs77924615	glomerular filtration rate
rs77924615	glomerular filtration rate,creatinine measurement
rs77924615	kidney volume
rs77924615	lymphocyte count
rs77924615	mean arterial pressure
rs77924615	nephrolithiasis
rs77924615	nephrolithiasis
rs77924615	protein measurement
rs77924615	systolic blood pressure
rs77924615	systolic blood pressure
rs77924615	urate measurement
rs77924615	urate measurement
rs77924615	urolithiasis
rs77924615	uromodulin measurement
rs679574	144 CCL15 measurement
rs77924615	vitamin D measurement
rs77924615	vitamin D measurement
rs77924615	vitamin D measurement
rs7868232	hemoglobin measurement
rs79815064	juvenile idiopathic arthritis
rs62143194	146 interleukin 1 receptor antagonist measurement
rs62143194	146 interleukin 1 receptor antagonist measurement
rs62143194	146 tumor necrosis factor receptor superfamily member 16 meas
rs8081395	leukocyte count
rs9267951	basophil count

[illegible]

rs9989419	high density lipoprotein cholesterol measurement
rs9989419	high density lipoprotein cholesterol measurement
rs9989419	high density lipoprotein cholesterol measurement
rs9989419	high density lipoprotein cholesterol measurement
rs9989419	high density lipoprotein cholesterol measurement
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rs9989419	high density lipoprotein cholesterol measurement
rs9989419	high density lipoprotein cholesterol measurement
rs9989419	high density lipoprotein cholesterol measurement
rs9989419	high density lipoprotein cholesterol measurement
rs9989419	high density lipoprotein cholesterol measurement,alcohol co
rs9989419	high density lipoprotein cholesterol measurement,alcohol co
rs9989419	high density lipoprotein cholesterol measurement,alcohol co
rs9989419	high density lipoprotein cholesterol measurement,alcohol co
rs9989419	low density lipoprotein cholesterol measurement
rs9989419	low density lipoprotein cholesterol measurement
rs9989419	low density lipoprotein cholesterol measurement
rs9989419	low density lipoprotein cholesterol measurement
rs9989419	phospholipids in large HDL measurement
rs9989419	sexual dimorphism measurement
rs9989419	sexual dimorphism measurement
rs9989419	total cholesterol measurement
rs9989419	total cholesterol measurement
rs9989419	total lipids in large HDL
rs9989419	triglyceride measurement
rs9989419	triglyceride measurement
rs9989419	triglyceride measurement
rs9989419	triglyceride measurement

trait_details	any cytokine
1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1 levels	
Serum levels of protein ADGRE5	
Serum levels of protein AHSA1	
Serum levels of protein AKT3	
Serum levels of protein ANXA10	
Serum levels of protein AZGP1	
Serum levels of protein BCL2L1	
Serum levels of protein BCL2L10	
Serum levels of protein C2orf40	
Serum levels of protein CA4	
Monokine induced by gamma interferon levels	1
Serum levels of protein CDK5;CDK5R1	
Serum levels of protein CLEC12B	
Serum levels of protein CRABP1	
Serum levels of protein DCUN1D5	
Serum levels of protein DSG1	
Serum levels of protein FCER1A	
Serum levels of protein FRZB	
Serum levels of protein GBP6	
Monocyte chemoattractant protein-4 levels	1
Serum levels of protein CCL14	1
Serum levels of protein KLK12	
Serum levels of protein KLK6	
Serum levels of protein MOCS3	
Serum levels of protein MST1R	
Serum levels of protein NDUFB4	
Serum levels of protein NRXN3	
Serum levels of protein PCDHB14	
Serum levels of protein PCDHB4	
Serum levels of protein PIK3CG	
Serum levels of protein POLR1C	
Serum levels of protein RAB17	
Serum levels of protein RAB5C	
Serum levels of protein RGS8	
Serum levels of protein RNF43	
Serum levels of protein RPS10	
Serum levels of protein SYNCRIP	
Serum levels of protein TMCC3	
Serum levels of protein TPM2	
Serum levels of protein UTS2	
Serum levels of protein WIF1	
Serum levels of protein ZAP70	
Serum levels of protein ZNF276	
Serum levels of protein CXCL2;CXCL3	1

Cullin-9 levels
Serum levels of protein RAD51
ER membrane protein complex subunit 4 levels (EMC4.13516.46.3)
Leukocyte antigen CD37 levels
Thrombospondin-type laminin G domain and EAR repeat-containing protein levels
Serum levels of protein PTPN1
1-(1-enyl-palmitoyl)-2-palmitoleoyl-GPC (P-16:0/16:1) levels
1-docosahexaenoyl-GPE (22:6) levels
1-margaroyl-2-oleoyl-GPC (17:0/18:1) levels
1-margaroyl-GPE (17:0) levels
1-oleoyl-2-arachidonoyl-GPE (18:1/20:4) levels
1-oleoyl-2-docosahexaenoyl-GPE (18:1/22:6) levels
1-oleoyl-2-linoleoyl-GPE (18:1/18:2) levels
1-oleoyl-GPE (18:1) levels
1-palmitoyl-2-arachidonoyl-GPE (16:0/20:4) levels
1-palmitoyl-2-dihomo-linolenoyl-GPE (16:0/20:3) levels
1-palmitoyl-2-docosahexaenoyl-GPE (16:0/22:6) levels
Metabolite levels (1-palmitoyl-2-docosahexaenoyl-GPE (16:0/22:6))
1-palmitoyl-2-linoleoyl-GPE (16:0/18:2) levels
1-palmitoyl-2-oleoyl-GPE (16:0/18:1) levels
1-palmitoyl-2-oleoyl-GPE (16:0/18:1) levels
1-palmitoylglycerophosphoethanolamine levels
1-palmitoyl-2-palmitoyl-GPC (O-16:0/16:0) levels
1-stearoyl-2-arachidonoyl-GPE (18:0/20:4) levels
1-stearoyl-2-docosahexaenoyl-GPE (18:0/22:6) levels
Metabolite levels (1-stearoyl-2-docosahexaenoyl-GPE (18:0/22:6))
1-stearoyl-2-linoleoyl-GPE (18:0/18:2) levels
1-stearoyl-2-oleoyl-GPE (18:0/18:1) levels
1-stearoyl-GPE (18:0) levels
Metabolite levels (1-stearoylglycerophosphoethanolamine; 1-stearoyl-GPE (18:0); C18:0 LPE; C
2-docosahexaenoyl-GPE (22:6) levels
2-palmitoyl-GPE (16:0) levels
2-stearoyl-GPE (18:0) levels
Age-related macular degeneration
Age-related macular degeneration
Postprandial apolipoprotein A-I
Cholesterol to total lipids in small HDL percentage (UKB data field 23645)
Cholesterol to total lipids ratio in medium VLDL
Cholesterol to total lipids ratio in very large VLDL
Cholesteryl esters in large HDL (UKB data field 23562)
Cholesteryl ester levels in large HDL
Cholesteryl ester levels in very large HDL
Cholesteryl esters to total lipids in small VLDL percentage (UKB data field 23601)
Cholesteryl esters to total lipids ratio in medium VLDL
Cholesteryl esters to total lipids ratio in small VLDL
Cholesteryl esters to total lipids ratio in very large VLDL
Fasting total cholines

Postprandial total cholines
Diacylglycerol_38:5_[M+H-H2O]1+ levels
Diacylglycerol_38:6_[M+H-H2O]1+ levels
Fasting docosahexaenoic acid (22:6)
Postprandial docosahexaenoic acid (22:6)
Fasting esterified cholesterol
Fasting total fatty acids
Free cholesterol in large LDL (UKB data field 23535)
Free cholesterol in very large HDL (UKB data field 23556)
Fasting free cholesterol
Postprandial free cholesterol
Free cholesterol levels in HDL
Free cholesterol to total lipids in large HDL percentage (UKB data field 23637)
Free cholesterol to total lipids in medium VLDL percentage (UKB data field 23597)
Free cholesterol to total lipids ratio in large HDL
Free cholesterol to total lipids ratio in medium VLDL
Free cholesterol to total lipids ratio in very large VLDL
Fasting total phosphoglycerides
Postprandial total phosphoglycerides
Cardiovascular disease risk factors
Fasting triglycerides in HDL
HDL cholesterol
HDL cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
Low HDL-cholesterol levels
Fasting triglycerides levels in very large HDL
Histone-lysine N-methyltransferase EHMT2 levels
Medication use (HMG CoA reductase inhibitors)
Fasting IDL particle concentration
Fasting total cholesterol in IDL
Postprandial IDL particle concentration
Fasting cholesterol esters in IDL
Fasting free cholesterol in IDL
Fasting total lipids in IDL
Postprandial total lipids in IDL
Fasting phospholipid levels in IDL
Postprandial phospholipid levels in IDL
Fasting triglycerides levels in IDL
Postprandial triglycerides levels in IDL
Phosphatidylcholine (15:0_18:2) levels
Phosphatidylethanolamine (16:0_18:2) levels
Phosphatidylethanolamine (16:0_20:4) levels
Phosphatidylethanolamine (18:0_18:2) levels

Phosphatidylethanolamine (18:0_18:2) levels
Phosphatidylethanolamine (18:0_20:4) levels
Phosphatidylethanolamine (18:0_20:4) levels
Phosphatidylethanolamine (18:1_18:1) levels
Fasting linoleic acid (18:2)
Fasting large LDL particle concentration
Free cholesterol levels in large LDL
Fasting triglycerides in LDL
Fasting triglycerides levels in large LDL
Fasting triglycerides levels in medium LDL
Fasting triglycerides levels in small LDL
Postprandial triglycerides in LDL
Postprandial triglycerides levels in large LDL
Postprandial triglycerides levels in medium LDL
Postprandial triglycerides levels in small LDL
Lysophosphatidylethanolamine (22:6) [sn1] levels
Lysophosphatidylethanolamine_16:0_[M-H]1- levels
Matrix-remodeling-associated protein 8 levels
Metabolic syndrome (bivariate traits)
Fasting omega-6 fatty acids
Phosphatidylcholine_31:2_[M+H]1+/Phosphatidylethanolamine_34:2_[M+H]1+/Phosphatidate
Phosphatidylcholine_33:4_[M+H]1+/Phosphatidylethanolamine_36:4_[M+H]1+/Phosphatidate
Phosphatidylcholine_35:4_[M+H]1+/Phosphatidylethanolamine_38:4_[M+H]1+/Phosphatidate
Phosphatidylcholine_35:6_[M+H]1+/Phosphatidylethanolamine_38:6_[M+H]1+/Phosphatidate
Phosphatidylcholine_37:6_[M+H]1+/Phosphatidylethanolamine_40:6_[M+H]1+/Phosphatidate
Postprandial phosphatidylcholine and other cholines
Phosphatidylethanolamine (18:0_22:6) levels
Phosphatidylethanolamine (18:0_22:6) levels
Phosphatidylethanolamine (18:1_22:6) (a) levels
Phosphatidylethanolamine (18:1_22:6) (a) levels
Phosphatidylethanolamine (34:1) levels
Phosphatidylethanolamine (36:1) levels
Phosphatidylethanolamine_34:1_[M-H]1- levels
Phosphatidylethanolamine_34:2_[M-H]1- levels
Phosphatidylethanolamine_36:3_[M-H]1- levels
Phosphatidylethanolamine_36:4_[M-H]1- levels
Phosphatidylethanolamine_38:4_[M-H]1- levels
Phosphatidylethanolamine_38:5_[M-H]1- levels
Phosphatidylethanolamine_38:6_[M-H]1- levels
Phospholipid levels (plasma)
Phospholipids to total lipids ratio in large HDL
Fasting polyunsaturated fatty acids
Multi-trait sex score
Postprandial sphingomyelins
Fasting serum total cholesterol
Postprandial serum total cholesterol
Total cholesterol levels

Total cholesterol levels
Cholesterol levels in large HDL
Cholesterol levels in very large HDL
Postprandial total cholesterol in HDL2
Postprandial total cholesterol in HDL3
Triglycerides
Triglycerides
Triglyceride levels in large VLDL
Triglycerides to total lipids ratio in medium VLDL
Triglycerides to total lipids ratio in very large VLDL
Fasting total cholesterol in very small VLDL
Fasting very small VLDL particle concentration
Postprandial very small VLDL particle concentration
Fasting cholesterol esters in very small VLDL
Fasting free cholesterol in very small VLDL
Postprandial free cholesterol in very small VLDL
Fasting total lipids in very small VLDL
Postprandial total lipids in very small VLDL
Fasting phospholipid levels in very small VLDL
Postprandial phospholipid levels in very small VLDL
Average diameter for VLDL particles
Average diameter for VLDL particles (UKB data field 23431)
Varicella zoster virus glycoproteins E and I antibody levels
Body mass index
Cholesterol in IDL (UKB data field 23526)
Cholesterol to total lipids in IDL percentage (UKB data field 23610)
Cholesterol to total lipids in medium VLDL percentage (UKB data field 23595)
Cholesterol to total lipids in small VLDL percentage (UKB data field 23600)
Cholesterol to total lipids ratio in small LDL
Cholesteryl esters in IDL (UKB data field 23527)
Cholesteryl ester levels in IDL
Cholesteryl esters to total lipids in IDL percentage (UKB data field 23611)
Cholesteryl esters to total lipids in medium VLDL percentage (UKB data field 23596)
Cholesteryl esters to total lipids in small VLDL percentage (UKB data field 23601)
Red meat related metabolomic signature
Free cholesterol in IDL (UKB data field 23528)
Free cholesterol in large LDL (UKB data field 23535)
Free cholesterol levels in IDL
Free cholesterol levels in LDL
Free cholesterol to total lipids in small VLDL percentage (UKB data field 23602)
Free cholesterol to total lipids ratio in small VLDL
Concentration of IDL particles
Concentration of IDL particles (UKB data field 23523)
Total lipid levels in IDL
Free cholesterol levels in large LDL
Mean spheric corpuscular volume
Mean reticulocyte volume

Phospholipid levels in IDL	
Phospholipids to total lipids in IDL percentage (UKB data field 23609)	
Phospholipids to total lipids in medium VLDL percentage (UKB data field 23594)	
Phospholipids to total lipids in small VLDL percentage (UKB data field 23599)	
Phospholipids to total lipids ratio in small VLDL	
Sphingomyelin levels	
Cholesterol levels in IDL	
Total lipids in IDL (UKB data field 23524)	
Triglycerides	
Triglycerides	
Triglycerides	
Triglycerides to total lipids in IDL percentage (UKB data field 23613)	
Triglycerides to total lipids in large LDL percentage (UKB data field 23618)	
Triglycerides to total lipids in medium LDL percentage (UKB data field 23623)	
Triglycerides to total lipids in medium VLDL percentage (UKB data field 23598)	
Triglycerides to total lipids in small LDL percentage (UKB data field 23628)	
Triglycerides to total lipids in small VLDL percentage (UKB data field 23603)	
Triglycerides to total lipids ratio in small VLDL	
Coronary restenosis	
Height	
Serum levels of protein CXCL8	1
C-C motif chemokine 14 levels	1
C-C motif chemokine 17 levels	1
C-C motif chemokine 7 levels	1
Red blood cell count	
Immature platelet count	
Immature platelet fraction	
High fluorescence immature platelet fraction	
Mean platelet volume	
Mean platelet volume	
Mean platelet volume	
Mean platelet volume	
Mean platelet volume	
Mean platelet volume	
Mean platelet volume	
Mean platelet volume	
Mitochondrial DNA copy number	
Mitochondrial DNA copy number (raw)	
Peroxisome proliferator-activated receptor alpha levels	
Platelet distribution width	
Platelet distribution width	
Platelet count	
Platelet count	
Platelet count	
Platelet count	
Platelet count	

Platelet count	
Plateletcrit	
Plateletcrit	
Platelet forward scatter	
Platelet forward scatter distribution width	
Platelet large cell ratio	
Platelet side fluorescence	
Platelet side fluorescence distribution width	
Platelet side scatter	
Platelet side scatter distribution width	
Calponin-1 levels	
Microtubule-associated proteins 1A/1B light chain 3B levels	
High light scatter reticulocyte count	
Reticulocyte count	
Reticulocyte fraction of red cells	
High light scatter reticulocyte percentage of red cells	
Reticulocyte fraction of red cells	
Serum levels of protein CCL11	1
Total cholines levels (UKB data field 23436)	
Total fatty acids levels (UKB data field 23442)	
Total lipid levels in medium HDL	
Total lipid levels in small HDL	
Monounsaturated fatty acids levels (UKB data field 23447)	
Omega-3 fatty acid levels	
Omega-6 fatty acids levels (UKB data field 23445)	
Phospholipid levels in medium HDL	
Phospholipid levels in small HDL	
Phospholipids in small HDL (UKB data field 23574)	
Phospholipids to total lipids ratio in small HDL	
Polyunsaturated fatty acids levels (UKB data field 23446)	
Saturated fatty acids levels (UKB data field 23448)	
Total phospholipids in lipoprotein particles (UKB data field 23411)	
Triglyceride levels (MTAG)	
Basophil count	
Basophil count	
Basophil count	
Basophil count	
Basophil count	
White blood cell count (basophil)	
Basophil percentage of granulocytes	
Basophil percentage of white cells	
Basophil percentage of white cells	
Blood protein levels	
Serum levels of protein CDSN	
Serum levels of protein CCL17	1
Inflammatory biomarkers	1
Monocyte chemoattractant protein-1 levels	1

Monocyte chemoattractant protein-1 levels	1
Monocyte chemoattractant protein-1 levels	1
Monocyte chemoattractant protein-1 levels	1
Monocyte chemoattractant protein-1 levels	1
Obesity-related traits	1
Serum levels of protein CCL2	1
C-X-C motif chemokine 11 levels	1
C-X-C motif chemokine 6 levels	1
Serum levels of protein CXCL1	1
Serum levels of protein CXCL11	1
Serum levels of protein CXCL5	1
Serum levels of protein CXCL6	1
Eotaxin levels	1
Eotaxin levels	1
Eotaxin levels	1
Eotaxin levels (CCL11.5301.7.3)	1
Growth-regulated protein alpha levels	1
Interleukin-8 levels	1
Monocyte chemoattractant protein-1 levels	1
C-X-C motif chemokine 1 levels	1
C-C motif chemokine 14 levels	1
Interleukin-10 receptor subunit alpha levels	
Interleukin-10 receptor subunit alpha levels	
Corneodesmosin levels (CDSN.7085.81.3)	
Interleukin-10 receptor subunit alpha levels	
Interleukin-10 receptor subunit alpha levels	
Interleukin-10 receptor subunit alpha levels	
Interleukin-10 receptor subunit alpha levels	
Interleukin-10 receptor subunit alpha levels	
White blood cell count	
White blood cell count	
White blood cell count	
Lymphocyte percentage of white cells	
Monocyte count	
Monocyte count	
Monocyte count	
Monocyte count	
Monocyte count	
Monocyte percentage of white cells	
Myeloid white cell count	
Neutrophil count	
Educational attainment	
Hyper-haemoglobinised percentage of red cells	
Developmental language disorder (linguistic errors)	
Developmental language disorder (linguistic errors)	
High light scatter reticulocyte count	
Reticulocyte count	

[illegible]

Age-related macular degeneration
Age-related macular degeneration
Age-related macular degeneration
Age-related macular degeneration
Age-related macular degeneration
Age-related macular degeneration
Age-related macular degeneration
B melanoma antigen 2 levels
B melanoma antigen 2 levels
B melanoma antigen 2 levels
B melanoma antigen 2 levels
B melanoma antigen 2 levels
B melanoma antigen 2 levels
B melanoma antigen 2 levels
B melanoma antigen 2 levels
Beta-defensin 106 levels
Beta-defensin 106 levels
Beta-defensin 106 levels
Beta-defensin 106 levels
Beta-defensin 106 levels
Beta-defensin 106 levels
Beta-defensin 106 levels
Beta-defensin 106 levels
Beta-defensin 106 levels
Carbonic anhydrase 9 levels
Carbonic anhydrase 9 levels
Carbonic anhydrase 9 levels
Carbonic anhydrase 9 levels
Carbonic anhydrase 9 levels
Carbonic anhydrase 9 levels
Carbonic anhydrase 9 levels
Carbonic anhydrase 9 levels
Carbonic anhydrase 9 levels
Cas scaffolding protein family member 4 levels
Cas scaffolding protein family member 4 levels
Cas scaffolding protein family member 4 levels
Cas scaffolding protein family member 4 levels
Cas scaffolding protein family member 4 levels
Cas scaffolding protein family member 4 levels
Cas scaffolding protein family member 4 levels
Cas scaffolding protein family member 4 levels
Cas scaffolding protein family member 4 levels
Coiled-coil domain-containing protein 51 levels
Coiled-coil domain-containing protein 51 levels
Coiled-coil domain-containing protein 51 levels

Coiled-coil domain-containing protein 51 levels
Coiled-coil domain-containing protein 51 levels
Coiled-coil domain-containing protein 51 levels
Coiled-coil domain-containing protein 51 levels
Coiled-coil domain-containing protein 51 levels
Coiled-coil domain-containing protein 51 levels
CUB and sushi domain-containing protein 2 levels
CUB and sushi domain-containing protein 2 levels
CUB and sushi domain-containing protein 2 levels
CUB and sushi domain-containing protein 2 levels
CUB and sushi domain-containing protein 2 levels
CUB and sushi domain-containing protein 2 levels
CUB and sushi domain-containing protein 2 levels
CUB and sushi domain-containing protein 2 levels
CUB and sushi domain-containing protein 2 levels
Cullin-9 levels
Cullin-9 levels
Cullin-9 levels
Cullin-9 levels
Cullin-9 levels
Cullin-9 levels
Cullin-9 levels
Cullin-9 levels
Cullin-9 levels
Interleukin-10 receptor subunit alpha levels
Interleukin-10 receptor subunit alpha levels
Vascular endothelial growth factor receptor 1 levels
Vascular endothelial growth factor receptor 1 levels
Vascular endothelial growth factor receptor 1 levels
Vascular endothelial growth factor receptor 1 levels
Vascular endothelial growth factor receptor 1 levels
Vascular endothelial growth factor receptor 1 levels
Vascular endothelial growth factor receptor 1 levels
Delta-like protein 4 levels
Delta-like protein 4 levels
Delta-like protein 4 levels
Delta-like protein 4 levels
Delta-like protein 4 levels
Delta-like protein 4 levels
Delta-like protein 4 levels
Delta-like protein 4 levels
Delta-like protein 4 levels
DnaJ homolog subfamily A member 4 levels
DnaJ homolog subfamily A member 4 levels
DnaJ homolog subfamily A member 4 levels
DnaJ homolog subfamily A member 4 levels
DnaJ homolog subfamily A member 4 levels

DnaJ homolog subfamily A member 4 levels
DnaJ homolog subfamily A member 4 levels
DnaJ homolog subfamily A member 4 levels
DnaJ homolog subfamily A member 4 levels
Dual specificity protein phosphatase 4 levels
Dual specificity protein phosphatase 4 levels
Dual specificity protein phosphatase 4 levels
Dual specificity protein phosphatase 4 levels
Dual specificity protein phosphatase 4 levels
Dual specificity protein phosphatase 4 levels
Dual specificity protein phosphatase 4 levels
Dual specificity protein phosphatase 4 levels
Dual specificity protein phosphatase 4 levels
E3 ubiquitin-protein ligase RNF34 levels
E3 ubiquitin-protein ligase RNF34 levels
E3 ubiquitin-protein ligase RNF34 levels
E3 ubiquitin-protein ligase RNF34 levels
E3 ubiquitin-protein ligase RNF34 levels
E3 ubiquitin-protein ligase RNF34 levels
E3 ubiquitin-protein ligase RNF34 levels
E3 ubiquitin-protein ligase RNF34 levels
E3 ubiquitin-protein ligase RNF34 levels
Vascular endothelial growth factor receptor 1 levels
Vascular endothelial growth factor receptor 1 levels
Tumor necrosis factor receptor superfamily member 1A levels
Tumor necrosis factor receptor superfamily member 1A levels
Tumor necrosis factor receptor superfamily member 1A levels
Tumor necrosis factor receptor superfamily member 1A levels
Eukaryotic translation initiation factor 5A-1 levels
Eukaryotic translation initiation factor 5A-1 levels
Eukaryotic translation initiation factor 5A-1 levels
Eukaryotic translation initiation factor 5A-1 levels
Eukaryotic translation initiation factor 5A-1 levels
Eukaryotic translation initiation factor 5A-1 levels
Eukaryotic translation initiation factor 5A-1 levels
Eukaryotic translation initiation factor 5A-1 levels
Eukaryotic translation initiation factor 5A-1 levels
Tumor necrosis factor receptor superfamily member 1A levels
Tumor necrosis factor receptor superfamily member 1A levels
Tumor necrosis factor receptor superfamily member 1A levels
Tumor necrosis factor receptor superfamily member 1A levels
Tumor necrosis factor receptor superfamily member 1A levels
Gamma-aminobutyric acid type B receptor subunit 2 levels
Gamma-aminobutyric acid type B receptor subunit 2 levels
Gamma-aminobutyric acid type B receptor subunit 2 levels
Gamma-aminobutyric acid type B receptor subunit 2 levels
Gamma-aminobutyric acid type B receptor subunit 2 levels

Gamma-aminobutyric acid type B receptor subunit 2 levels
Gamma-aminobutyric acid type B receptor subunit 2 levels
Gamma-aminobutyric acid type B receptor subunit 2 levels
Gamma-aminobutyric acid type B receptor subunit 2 levels
Glucose-6-phosphate isomerase levels
Glucose-6-phosphate isomerase levels
Glucose-6-phosphate isomerase levels
Glucose-6-phosphate isomerase levels
Glucose-6-phosphate isomerase levels
Glucose-6-phosphate isomerase levels
Glucose-6-phosphate isomerase levels
Glucose-6-phosphate isomerase levels
Glucose-6-phosphate isomerase levels
Glucosidase 2 subunit beta levels
Glucosidase 2 subunit beta levels
Glucosidase 2 subunit beta levels
Glucosidase 2 subunit beta levels
Glucosidase 2 subunit beta levels
Glucosidase 2 subunit beta levels
Glucosidase 2 subunit beta levels
Glucosidase 2 subunit beta levels
Glucosidase 2 subunit beta levels
Glycoprotein hormones alpha chain levels
Glycoprotein hormones alpha chain levels
Glycoprotein hormones alpha chain levels
Glycoprotein hormones alpha chain levels
Glycoprotein hormones alpha chain levels
Glycoprotein hormones alpha chain levels
Glycoprotein hormones alpha chain levels
Glycoprotein hormones alpha chain levels
Glycoprotein hormones alpha chain levels
Tumor necrosis factor receptor superfamily member 27 levels
Tumor necrosis factor receptor superfamily member 27 levels
Tumor necrosis factor receptor superfamily member 27 levels
Tumor necrosis factor receptor superfamily member 27 levels
Hepatitis A virus cellular receptor 2 levels
Hepatitis A virus cellular receptor 2 levels
Hepatitis A virus cellular receptor 2 levels
Hepatitis A virus cellular receptor 2 levels
Hepatitis A virus cellular receptor 2 levels
Hepatitis A virus cellular receptor 2 levels
Hepatitis A virus cellular receptor 2 levels
Hepatitis A virus cellular receptor 2 levels
Hepatitis A virus cellular receptor 2 levels
Tumor necrosis factor receptor superfamily member 27 levels
Tumor necrosis factor receptor superfamily member 27 levels
Tumor necrosis factor receptor superfamily member 27 levels

Tumor necrosis factor receptor superfamily member 27 levels	
Tumor necrosis factor receptor superfamily member 27 levels	
Insulin-like growth factor 1 levels	1
Fibroblast growth factor 10 levels	1
Interleukin-19 levels	1
Interleukin-19 levels	1
Interleukin-1 beta levels	1
Interleukin-19 levels	1
Macrophage colony-stimulating factor 1 levels	1
MAP kinase-activated protein kinase 3 levels	
MAP kinase-activated protein kinase 3 levels	
MAP kinase-activated protein kinase 3 levels	
MAP kinase-activated protein kinase 3 levels	
MAP kinase-activated protein kinase 3 levels	
MAP kinase-activated protein kinase 3 levels	
MAP kinase-activated protein kinase 3 levels	
MAP kinase-activated protein kinase 3 levels	
MAP kinase-activated protein kinase 3 levels	
Methionine aminopeptidase 2 levels	
Methionine aminopeptidase 2 levels	
Methionine aminopeptidase 2 levels	
Methionine aminopeptidase 2 levels	
Methionine aminopeptidase 2 levels	
Methionine aminopeptidase 2 levels	
Methionine aminopeptidase 2 levels	
Methionine aminopeptidase 2 levels	
Methionine aminopeptidase 2 levels	
Mitogen-activated protein kinase 12 levels	
Mitogen-activated protein kinase 12 levels	
Mitogen-activated protein kinase 12 levels	
Mitogen-activated protein kinase 12 levels	
Mitogen-activated protein kinase 12 levels	
Mitogen-activated protein kinase 12 levels	
Mitogen-activated protein kinase 12 levels	
Mitogen-activated protein kinase 12 levels	
Mitogen-activated protein kinase 12 levels	
Nuclear receptor ROR-beta levels	
Nuclear receptor ROR-beta levels	
Nuclear receptor ROR-beta levels	
Nuclear receptor ROR-beta levels	
Nuclear receptor ROR-beta levels	
Nuclear receptor ROR-beta levels	
Nuclear receptor ROR-beta levels	
Nuclear receptor ROR-beta levels	
Polyadenylate-binding protein 4 levels	
Polyadenylate-binding protein 4 levels	

Polyadenylate-binding protein 4 levels
Polyadenylate-binding protein 4 levels
Polyadenylate-binding protein 4 levels
Polyadenylate-binding protein 4 levels
Polyadenylate-binding protein 4 levels
Polyadenylate-binding protein 4 levels
Polyadenylate-binding protein 4 levels
Potassium voltage-gated channel subfamily E regulatory beta subunit 5 levels
Potassium voltage-gated channel subfamily E regulatory beta subunit 5 levels
Potassium voltage-gated channel subfamily E regulatory beta subunit 5 levels
Potassium voltage-gated channel subfamily E regulatory beta subunit 5 levels
Potassium voltage-gated channel subfamily E regulatory beta subunit 5 levels
Potassium voltage-gated channel subfamily E regulatory beta subunit 5 levels
Potassium voltage-gated channel subfamily E regulatory beta subunit 5 levels
Potassium voltage-gated channel subfamily E regulatory beta subunit 5 levels
Potassium voltage-gated channel subfamily E regulatory beta subunit 5 levels
Probable ATP-dependent RNA helicase DDX58 levels
Probable ATP-dependent RNA helicase DDX58 levels
Probable ATP-dependent RNA helicase DDX58 levels
Probable ATP-dependent RNA helicase DDX58 levels
Probable ATP-dependent RNA helicase DDX58 levels
Probable ATP-dependent RNA helicase DDX58 levels
Probable ATP-dependent RNA helicase DDX58 levels
Probable ATP-dependent RNA helicase DDX58 levels
Probable ATP-dependent RNA helicase DDX58 levels
Actin filament-associated protein 1-like 1 levels
Actin filament-associated protein 1-like 1 levels
Actin filament-associated protein 1-like 1 levels
Actin filament-associated protein 1-like 1 levels
Actin filament-associated protein 1-like 1 levels
Actin filament-associated protein 1-like 1 levels
Actin filament-associated protein 1-like 1 levels
Actin filament-associated protein 1-like 1 levels
Actin filament-associated protein 1-like 1 levels
Annexin A11 levels
Annexin A11 levels
Annexin A11 levels
Annexin A11 levels
Annexin A11 levels
Annexin A11 levels
Annexin A11 levels
Annexin A11 levels
Annexin A11 levels
Annexin A7 levels
Annexin A7 levels
Annexin A7 levels
Annexin A7 levels

DNA-directed RNA polymerases I, II, and III subunit RPABC4 levels

Eukaryotic translation initiation factor 1b levels
Eukaryotic translation initiation factor 2 subunit 1 levels
Eukaryotic translation initiation factor 2 subunit 1 levels
Eukaryotic translation initiation factor 2 subunit 1 levels
Eukaryotic translation initiation factor 2 subunit 1 levels
Eukaryotic translation initiation factor 2 subunit 1 levels
Eukaryotic translation initiation factor 2 subunit 1 levels
Eukaryotic translation initiation factor 2 subunit 1 levels
Eukaryotic translation initiation factor 2 subunit 1 levels
Glycerol-3-phosphate phosphatase levels
Glycerol-3-phosphate phosphatase levels
Glycerol-3-phosphate phosphatase levels
Glycerol-3-phosphate phosphatase levels
Glycerol-3-phosphate phosphatase levels
Glycerol-3-phosphate phosphatase levels
Glycerol-3-phosphate phosphatase levels
Glycerol-3-phosphate phosphatase levels
Glycerol-3-phosphate phosphatase levels
Heterogeneous nuclear ribonucleoprotein F levels
Heterogeneous nuclear ribonucleoprotein F levels
Heterogeneous nuclear ribonucleoprotein F levels
Heterogeneous nuclear ribonucleoprotein F levels
Heterogeneous nuclear ribonucleoprotein F levels
Heterogeneous nuclear ribonucleoprotein F levels
Heterogeneous nuclear ribonucleoprotein F levels
Heterogeneous nuclear ribonucleoprotein F levels
Heterogeneous nuclear ribonucleoprotein F levels
Histidine--tRNA ligase, cytoplasmic levels
Histidine--tRNA ligase, cytoplasmic levels
Histidine--tRNA ligase, cytoplasmic levels
Histidine--tRNA ligase, cytoplasmic levels
Histidine--tRNA ligase, cytoplasmic levels
Histidine--tRNA ligase, cytoplasmic levels
Histidine--tRNA ligase, cytoplasmic levels
Histidine--tRNA ligase, cytoplasmic levels
Histidine--tRNA ligase, cytoplasmic levels
Hydroxyacylglutathione hydrolase, mitochondrial levels
Hydroxyacylglutathione hydrolase, mitochondrial levels
Hydroxyacylglutathione hydrolase, mitochondrial levels
Hydroxyacylglutathione hydrolase, mitochondrial levels
Hydroxyacylglutathione hydrolase, mitochondrial levels
Hydroxyacylglutathione hydrolase, mitochondrial levels
Hydroxyacylglutathione hydrolase, mitochondrial levels
Hydroxyacylglutathione hydrolase, mitochondrial levels
Hydroxyacylglutathione hydrolase, mitochondrial levels
Immunoglobulin superfamily member 3 levels

Immunoglobulin superfamily member 3 levels
Immunoglobulin superfamily member 3 levels
Immunoglobulin superfamily member 3 levels
Immunoglobulin superfamily member 3 levels
Immunoglobulin superfamily member 3 levels
Immunoglobulin superfamily member 3 levels
Immunoglobulin superfamily member 3 levels
L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase levels
L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase levels
L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase levels
L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase levels
L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase levels
L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase levels
L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase levels
L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase levels
Microtubule-associated proteins 1A/1B light chain 3A levels
Microtubule-associated proteins 1A/1B light chain 3A levels
Microtubule-associated proteins 1A/1B light chain 3A levels
Microtubule-associated proteins 1A/1B light chain 3A levels
Microtubule-associated proteins 1A/1B light chain 3A levels
Microtubule-associated proteins 1A/1B light chain 3A levels
Microtubule-associated proteins 1A/1B light chain 3A levels
Microtubule-associated proteins 1A/1B light chain 3A levels
Microtubule-associated proteins 1A/1B light chain 3A levels
NAD-dependent protein deacetylase sirtuin-3, mitochondrial levels
NAD-dependent protein deacetylase sirtuin-3, mitochondrial levels
NAD-dependent protein deacetylase sirtuin-3, mitochondrial levels
NAD-dependent protein deacetylase sirtuin-3, mitochondrial levels
NAD-dependent protein deacetylase sirtuin-3, mitochondrial levels
NAD-dependent protein deacetylase sirtuin-3, mitochondrial levels
NAD-dependent protein deacetylase sirtuin-3, mitochondrial levels
NAD-dependent protein deacetylase sirtuin-3, mitochondrial levels
Nucleosome assembly protein 1-like 1 levels
Nucleosome assembly protein 1-like 1 levels
Nucleosome assembly protein 1-like 1 levels
Nucleosome assembly protein 1-like 1 levels
Nucleosome assembly protein 1-like 1 levels
Nucleosome assembly protein 1-like 1 levels
Nucleosome assembly protein 1-like 1 levels
Nucleosome assembly protein 1-like 1 levels
Nucleosome assembly protein 1-like 1 levels
Nucleosome assembly protein 1-like 1 levels
Peptidyl-prolyl cis-trans isomerase FKBP3 levels
Peptidyl-prolyl cis-trans isomerase FKBP3 levels
Peptidyl-prolyl cis-trans isomerase FKBP3 levels

Peptidyl-prolyl cis-trans isomerase FKBP3 levels
Peptidyl-prolyl cis-trans isomerase FKBP3 levels
Peptidyl-prolyl cis-trans isomerase FKBP3 levels
Peptidyl-prolyl cis-trans isomerase FKBP3 levels
Peptidyl-prolyl cis-trans isomerase FKBP3 levels
Peptidyl-prolyl cis-trans isomerase FKBP3 levels
Poly(ADP-ribose) glycohydrolase ARH3 levels
Poly(ADP-ribose) glycohydrolase ARH3 levels
Poly(ADP-ribose) glycohydrolase ARH3 levels
Poly(ADP-ribose) glycohydrolase ARH3 levels
Poly(ADP-ribose) glycohydrolase ARH3 levels
Poly(ADP-ribose) glycohydrolase ARH3 levels
Poly(ADP-ribose) glycohydrolase ARH3 levels
Poly(ADP-ribose) glycohydrolase ARH3 levels
Poly(ADP-ribose) glycohydrolase ARH3 levels
Protein S100-A10 levels
Protein S100-A10 levels
Protein S100-A10 levels
Protein S100-A10 levels
Protein S100-A10 levels
Protein S100-A10 levels
Protein S100-A10 levels
Protein S100-A10 levels
Protein S100-A10 levels
Protein SGT1 homolog levels
Protein SGT1 homolog levels
Protein SGT1 homolog levels
Protein SGT1 homolog levels
Protein SGT1 homolog levels
Protein SGT1 homolog levels
Protein SGT1 homolog levels
Protein SGT1 homolog levels
Protein SGT1 homolog levels
Ras-related protein Rab-11A levels
Ras-related protein Rab-11A levels
Ras-related protein Rab-11A levels
Ras-related protein Rab-11A levels
Ras-related protein Rab-11A levels
Ras-related protein Rab-11A levels
Ras-related protein Rab-11A levels
Ras-related protein Rab-11A levels
Ras-related protein Rab-11A levels
Ras-related protein Rab-5B levels
Ras-related protein Rab-5B levels
Ras-related protein Rab-5B levels
Ras-related protein Rab-5B levels
Ras-related protein Rab-5B levels

Tubulin-folding cofactor B levels

Ubiquitin carboxyl-terminal hydrolase 14 levels

Ubiquitin carboxyl-terminal hydrolase 14 levels

Ubiquitin carboxyl-terminal hydrolase 14 levels

Ubiquitin carboxyl-terminal hydrolase 14 levels

Retinol dehydrogenase 16 levels

Retinol dehydrogenase 16 levels

Retinol dehydrogenase 16 levels

Retinol dehydrogenase 16 levels

Retinol dehydrogenase 16 levels

RNA binding protein 3 levels

RNA binding protein 3 levels

RNA-binding protein 3 levels

RNA-binding protein 3 levels

Secretory carrier associated protein

Secretory carrier-associated membrane protein 5 levels

Secretory carrier-associated membrane protein 5 levels

Secretory carrier-associated membrane protein 5 levels

Secretory carrier-associated membrane protein 5 levels

Selenide, water dikinase 1 levels

Selenide, water dikinase 1 levels

Selenide, water dikinase 1 levels

Selenide, water dikinase 1 levels

Selenide, water dikinase 1 levels

SH3 domain-binding protein 2 levels
SH3 domain-binding protein 2 levels
SH3 domain-binding protein 2 levels
SH3 domain-binding protein 2 levels
SH3 domain-binding protein 2 levels
SH3 domain-binding protein 2 levels
SH3 domain-binding protein 2 levels
SH3 domain-binding protein 2 levels
SH3 domain-binding protein 2 levels
Synaptic vesicle glycoprotein 2A levels
Synaptic vesicle glycoprotein 2A levels
Synaptic vesicle glycoprotein 2A levels
Synaptic vesicle glycoprotein 2A levels
Synaptic vesicle glycoprotein 2A levels
Synaptic vesicle glycoprotein 2A levels
Synaptic vesicle glycoprotein 2A levels
Synaptic vesicle glycoprotein 2A levels
Syntaxin-1A levels
Syntaxin-1A levels
Syntaxin-1A levels
Syntaxin-1A levels
Syntaxin-1A levels
Syntaxin-1A levels
Syntaxin-1A levels
Syntaxin-1A levels
Syntaxin-1A levels
Ubiquitin-conjugating enzyme E2 D4 levels
Ubiquitin-conjugating enzyme E2 D4 levels
Ubiquitin-conjugating enzyme E2 D4 levels
Ubiquitin-conjugating enzyme E2 D4 levels
Ubiquitin-conjugating enzyme E2 D4 levels
Ubiquitin-conjugating enzyme E2 D4 levels
Ubiquitin-conjugating enzyme E2 D4 levels
Ubiquitin-conjugating enzyme E2 D4 levels
Ubiquitin-conjugating enzyme E2 D4 levels
Uncharacterized protein KIAA0040 levels
Uncharacterized protein KIAA0040 levels
Uncharacterized protein KIAA0040 levels
Uncharacterized protein KIAA0040 levels
Uncharacterized protein KIAA0040 levels
Uncharacterized protein KIAA0040 levels
Uncharacterized protein KIAA0040 levels
Uncharacterized protein KIAA0040 levels
Uncharacterized protein KIAA0040 levels
Uncharacterized protein KIAA0040 levels
Unique cartilage matrix-associated protein levels
Unique cartilage matrix-associated protein levels

Unique cartilage matrix-associated protein levels
Unique cartilage matrix-associated protein levels
Unique cartilage matrix-associated protein levels
Unique cartilage matrix-associated protein levels
Unique cartilage matrix-associated protein levels
Unique cartilage matrix-associated protein levels
Unique cartilage matrix-associated protein levels
14-3-3 protein beta/alpha levels
15-hydroxyprostaglandin dehydrogenase [NAD(+)] levels
1-stearoyl-2-oleoyl-GPS (18:0/18:1) levels
26S proteasome non-ATPase regulatory subunit 4 levels
3-phosphoinositide-dependent protein kinase 1 levels
40S ribosomal protein S3 levels
40S ribosomal protein S3a levels
40S ribosomal protein S4, X isoform levels
40S ribosomal protein S7 levels
5-formyltetrahydrofolate cyclo-ligase levels
60S ribosomal protein L30 levels
6-phosphogluconate dehydrogenase, decarboxylating levels
Acid-sensing ion channel 4 levels
Activator of 90 kDa heat shock protein ATPase homolog 1 levels
Activator of apoptosis harakiri levels
Acyl-CoA-binding domain-containing protein 6 levels
ADP-ribose pyrophosphatase, mitochondrial levels
ADP-ribosylation factor GTPase-activating protein 2 levels
ADP-ribosylation factor-binding protein GGA1 levels
ADP-ribosylation factor-binding protein GGA3 levels
AH receptor-interacting protein levels
Alpha-soluble NSF attachment protein levels
Alpha-taxilin levels
AMP Kinase (alpha2beta2gamma1) levels
Amphiregulin levels
Amphoterin-induced protein 2 levels
AMSH-like protease levels
Angiopoietin-related protein 7 levels
Arfaptin-1 levels
Arf-GAP domain and FG repeat-containing protein 1 levels
Arylsulfatase K levels
Aspartate levels
Aspartate levels
Aspartate levels
Aspartyl/asparaginyl beta-hydroxylase levels
ATP-dependent DNA helicase Q1 levels
ATP-dependent RNA helicase DDX19B levels
B melanoma antigen 2 levels
BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 levels
Bcl2-associated agonist of cell death levels

beta-adrenergic receptor kinase 1 levels
Bone morphogenetic protein 7 levels
Serum levels of protein BMP7
BRICHOS domain-containing protein 5 levels
Calcineurin levels
Calcium levels
Calcium-binding and coiled-coil domain-containing protein 2 levels
cAMP-regulated phosphoprotein 19 levels
Casein kinase I isoform gamma-2 levels
Casein kinase I isoform gamma-2 levels
Casein kinase II 2-alpha:2-beta heterotetramer levels
Casein kinase II 2-alpha':2-beta heterotetramer levels
Cell cycle progression protein 1 levels
Cell differentiation protein RCD1 homolog levels
Charged multivesicular body protein 3 levels
Chloride intracellular channel protein 4 levels
Chymotrypsin-like protease CTRL-1 levels
Clathrin interactor 1 levels
Coiled-coil domain-containing protein 134 levels
Cold shock domain-containing protein E1 levels
Cold-inducible RNA-binding protein levels
COMM domain-containing protein 7 levels
Cryptic protein levels
Cysteine--tRNA ligase, cytoplasmic levels
Deoxycytidine kinase levels
Derlin-1 levels
Desert hedgehog protein N-product levels
Dihydropyrimidinase-related protein 3 levels
DNA dC->dU-editing enzyme APOBEC-3G levels
DnaJ homolog subfamily A member 4 levels
DnaJ homolog subfamily B member 1 levels
DnaJ homolog subfamily B member 11 levels
DnaJ homolog subfamily B member 14 levels
DnaJ homolog subfamily B member 2 levels
DnaJ homolog subfamily C member 10 levels
DnaJ homolog subfamily C member 17 levels
Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 levels
Double-stranded RNA-binding protein Staufin homolog 1 levels
Double-stranded RNA-binding protein Staufin homolog 2 levels
Dual specificity mitogen-activated protein kinase kinase 1 levels
Dynein light chain roadblock-type 1 levels
Dynein light chain roadblock-type 1 levels
Dynein light chain roadblock-type 1 levels
E3 ubiquitin-protein ligase CHIP levels
E3 ubiquitin-protein ligase DTX3L levels
E3 ubiquitin-protein ligase RNF114 levels
E3 ubiquitin-protein ligase ZNRF3 levels

EH domain-containing protein 4 levels
ELAV-like protein 1 levels
Endoplasmic reticulum lectin 1 levels
Endoplasmic reticulum resident protein 29 levels
Endoplasmin levels
ERO1-like protein beta levels
ETS domain-containing protein Elk-1 levels
Eukaryotic translation initiation factor 3 subunit G levels
Eukaryotic translation initiation factor 3 subunit J levels
Eukaryotic translation initiation factor 4 gamma 2 levels
Eukaryotic translation initiation factor 4 gamma 2 levels
Eukaryotic translation initiation factor 4B levels
Eukaryotic translation initiation factor 4E type 2 levels
Eukaryotic translation initiation factor 4H levels
Eukaryotic translation initiation factor 5 levels
Eukaryotic translation initiation factor 5A-1 levels
F-box/LRR-repeat protein 4 levels
Fragile X mental retardation syndrome-related protein 1 levels
Fructose-bisphosphate aldolase A levels
Galectin-4 levels
Gamma-aminobutyric acid receptor-associated protein-like 2 levels
GDP-fucose protein O-fucosyltransferase 1 levels
Glucosamine 6-phosphate N-acetyltransferase levels
Glutaredoxin-2, mitochondrial levels
Glutathione peroxidase 7 levels
Glutathione S-transferase kappa 1 levels
Glyceraldehyde-3-phosphate dehydrogenase levels
Glycerophosphocholine phosphodiesterase GPCPD1 levels
Glycogen synthase kinase-3 alpha/beta levels
Glycylpeptide N-tetradecanoyltransferase 1 levels
Guanine nucleotide exchange factor DBS levels
Heat shock cognate 71 kDa protein levels
Heat shock protein HSP 90-alpha/beta levels
Heat shock protein HSP 90-beta levels
Heparan sulfate glucosamine 3-O-sulfotransferase 3A1 levels
Heterogeneous nuclear ribonucleoprotein A/B levels
Heterogeneous nuclear ribonucleoprotein D-like levels
Heterogeneous nuclear ribonucleoprotein Q levels
Heterogeneous nuclear ribonucleoproteins A2/B1 levels
High mobility group protein 20A levels
Histidine triad nucleotide-binding protein 1 levels
Histone deacetylase 8 levels
Immature platelet count
Immature platelet fraction
High fluorescence immature platelet fraction
Importin subunit beta-1 levels
Inosine-5'-monophosphate dehydrogenase 1 levels

Inosine-5'-monophosphate dehydrogenase 1 levels	
Inosine-5'-monophosphate dehydrogenase 2 levels	
Inositol-trisphosphate 3-kinase A levels	
Integral membrane protein 2A levels	
Tumor necrosis factor receptor superfamily member 1B levels	
Tumor necrosis factor receptor superfamily member 27 levels	
Interleukin-19 levels (IL19.3035.80.2)	1
Tumor necrosis factor receptor superfamily member 21 levels	
Tumor necrosis factor receptor superfamily member 21 levels	
Macrophage inflammatory protein 1b levels	1
C-C motif chemokine 3 levels	1
Macrophage inflammatory protein 1b levels	1
CCL4 levels	1
CCR4-NOT transcription complex subunit 1 levels	1
Cytokine receptor common subunit gamma levels	
Epidermal growth factor receptor substrate 15-like 1 levels	1
Epiregulin levels	1
Fibroblast growth factor 16 levels	1
Intersectin-1 levels	
Junctional adhesion molecule C levels	
Kallikrein-15 levels	
KDEL motif-containing protein 2 levels	
Killer cell immunoglobulin-like receptor 2DL4 levels	
Kinesin-like protein KIF16B levels	
Kinesin-like protein KIF23 levels	
Kunitz-type protease inhibitor 2 levels	
Lamina-associated polypeptide 2, isoforms beta/gamma levels	
LDLR chaperone MESD levels	
Leucine-rich repeat transmembrane protein FLRT1 levels	
Leukocyte surface antigen CD47 levels	
Leukocyte-specific transcript 1 protein levels	
Fibroblast growth factor 6 levels	1
Fibroblast growth factor 7 levels	1
GRB2-related adapter protein levels	1
L-lactate dehydrogenase B chain levels	
Low-density lipoprotein receptor-related protein 1B levels	
Lymphocyte antigen 6 complex locus protein G6c levels	
Lymphocyte count	
Lymphocyte count	
Lymphocyte count	
Lymphocyte count	
Lymphocyte count	
Lymphocyte percentage of white cells	
Inhibitor of growth protein 1 levels	1
Interferon lambda-1 levels	1
Interferon-induced protein with tetratricopeptide repeats 3 levels	1
LysM and putative peptidoglycan-binding domain-containing protein 4 levels	

Lysozyme-like protein 2 levels
Macoilin levels
MAGUK p55 subfamily member 7 levels
MAP kinase-activated protein kinase 3 levels
Maspardin levels
Mast cell-expressed membrane protein 1 levels
Mean platelet volume
Mean platelet volume
Mean platelet volume
Mean platelet volume
Mean platelet volume
Mean platelet volume
Mean platelet volume
Mean platelet volume
Mean platelet volume
Mean platelet volume
Mean platelet volume
Methionine aminopeptidase 2 levels
Methionine aminopeptidase 2 levels
Mitochondrial DNA copy number
Mitogen-activated protein kinase 1 levels
Mitogen-activated protein kinase 14 levels
Mitogen-activated protein kinase 8 levels
Mitotic checkpoint serine/threonine-protein kinase BUB1 levels
Mothers against decapentaplegic homolog 4 levels
Myocyte-specific enhancer factor 2C levels
N-acetyl-D-glucosamine kinase levels
N-acetylneuraminate levels
N-acetylserotonin O-methyltransferase-like protein levels
Nascent polypeptide-associated complex subunit alpha levels
Nesprin-2 levels
Next to BRCA1 gene 1 protein levels
NGFI-A-binding protein 1 levels
NKG2D ligand 3 levels
NmrA-like family domain-containing protein 1 levels
Non-homologous end-joining factor 1 levels
Non-receptor tyrosine-protein kinase TYK2 levels
N-terminal Xaa-Pro-Lys N-methyltransferase 1 levels
Nuclear factor erythroid 2-related factor 1 levels
Nuclear migration protein nudC levels
Nuclear protein MDM1 levels
NudC domain-containing protein 3 levels
Obg-like ATPase 1 levels
Oligophrenin-1 levels
Oligoribonuclease, mitochondrial levels
p53 and DNA damage-regulated protein 1 levels

[illegible]

Platelet side fluorescence
Platelet side scatter
Platelet-to-lymphocyte ratio
Polyadenylate-binding protein 3 levels
Polyadenylate-binding protein 4 levels
Prenylcysteine oxidase-like levels
Probable ATP-dependent RNA helicase DHX58 levels
Probable inactive ribonuclease-like protein 13 levels
Probable RNA-binding protein EIF1AD levels
Procollagen galactosyltransferase 1 levels
Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 levels
Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 levels
Programmed cell death protein 5 levels
Proliferation-associated protein 2G4 levels
Proteasome activator complex subunit 1 levels
Proteasome assembly chaperone 3 levels
Proteasome subunit alpha type-6 levels
Protein arginine N-methyltransferase 3 levels
Protein DGCR14 levels
Protein disulfide-isomerase A3 levels
Protein kinase C iota type levels
Protein kinase C theta type levels
Protein lin-7 homolog B levels
1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase levels
1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 levels
28 kDa heat- and acid-stable phosphoprotein levels
39S ribosomal protein L21, mitochondrial levels
40S ribosomal protein S19 levels
40S ribosomal protein S5 levels
5-hydroxytryptamine receptor 2A levels
60S ribosomal protein L12 levels
6-phosphogluconolactonase levels
Acetyl-CoA acetyltransferase, cytosolic levels
Actin-related protein 2/3 complex subunit 5 levels
Acyl-coenzyme A thioesterase 8 levels
Adenosine kinase levels
Adenosylhomocysteinase 2 levels
ADP-ribosylation factor 1 levels
ADP-ribosylation factor 4 levels
ADP-ribosylation factor-like protein 6 levels
Alcohol dehydrogenase [NADP(+)] levels
Alpha-1-syntrophin levels
Alpha-actinin-1 levels
Alpha-endosulfine levels
Alpha-ketoglutarate-dependent dioxygenase alkB homolog 3 levels
Alpha-synuclein levels
Amino-terminal enhancer of split levels

AN1-type zinc finger protein 5 levels
AP-2 complex subunit alpha-2 levels
Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2 levels
Arginase-2, mitochondrial levels
ATP-dependent RNA helicase DDX19A levels
BAG family molecular chaperone regulator 2 levels
Bifunctional 3-phosphoadenosine 5-phosphosulfate synthase 1 levels
Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6 levels
Biogenesis of lysosome-related organelles complex 1 subunit 5 levels
Bis(5-adenosyl)-triphosphatase levels
BoLA-like protein 1 levels
BoLA-like protein 3 levels
Calcium uptake protein 2, mitochondrial levels
Calponin-2 levels
Centrin-3 levels
Charged multivesicular body protein 2a levels
Charged multivesicular body protein 2b levels
Coiled-coil domain-containing protein 50 levels
Collagen type IV alpha-3-binding protein levels
COMM domain-containing protein 9 levels
C-terminal-binding protein 1 levels
C-type lectin domain family 4 member G levels
Cyclin-dependent kinase 4 inhibitor D levels
Cyclin-dependent kinase inhibitor 1 levels
Cystatin-like 1 levels
Cytosolic 5-nucleotidase 3A levels
Death-associated protein kinase 1 levels
Dehydrogenase/reductase SDR family member 9 levels
Developmentally-regulated GTP-binding protein 1 levels
Differentially expressed in FDCP 6 homolog levels
Disks large homolog 2 levels
Disks large homolog 4 levels
DNA polymerase epsilon subunit 3 levels
DnaJ homolog subfamily B member 4 levels
DnaJ homolog subfamily C member 16 levels
D-tyrosyl-tRNA(Tyr) deacylase 1 levels
Dual 3,5-cyclic-AMP and -GMP phosphodiesterase 11A levels
Dynamin-2 levels
Endophilin-A1 levels
Endophilin-A3 levels
Eukaryotic initiation factor 4A-I levels
Eukaryotic initiation factor 4A-II levels
Eukaryotic translation initiation factor 1A, Y-chromosomal levels
Eukaryotic translation initiation factor 1b levels
Eukaryotic translation initiation factor 2 subunit 1 levels
Eukaryotic translation initiation factor 5A-2 levels
Fas apoptotic inhibitory molecule 1 levels

Fatty acid synthase levels
Fatty acid-binding protein 12 levels
Forkhead box protein O3 levels
Fragile X mental retardation protein 1 levels
Gamma-soluble NSF attachment protein levels
General vesicular transport factor p115 levels
Glutaredoxin-3 levels
Glycylpeptide N-tetradecanoyltransferase 2 levels
GMP synthase [glutamine-hydrolyzing] levels
GPN-loop GTPase 1 levels
GTPase HRas levels
GTP-binding protein SAR1a levels
Heterogeneous nuclear ribonucleoprotein A1 levels
Heterogeneous nuclear ribonucleoprotein D0 levels
Heterogeneous nuclear ribonucleoprotein F levels
Histone deacetylase 2 levels
Histone-binding protein RBBP4 levels
Homeobox protein DLX-4 levels
Homer protein homolog 1 levels
Homer protein homolog 2 levels
Importin subunit alpha-7 levels
Inorganic pyrophosphatase 2, mitochondrial levels
Inosine-5-monophosphate dehydrogenase 1 levels
Inosine-5-monophosphate dehydrogenase 2 levels
Isoaspartyl peptidase/L-asparaginase levels
Isopentenyl-diphosphate Delta-isomerase 1 levels
KIF1-binding protein levels
Killer cell immunoglobulin-like receptor 2DL1 levels
L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase levels
Lethal(3)malignant brain tumor-like protein 2 levels
Leucine-rich repeat-containing protein 59 levels
LIM domain and actin-binding protein 1 levels
Liprin-alpha-1 levels
L-lactate dehydrogenase A chain levels
Low-density lipoprotein receptor class A domain-containing protein 4 levels
Lysine--tRNA ligase levels
MAP/microtubule affinity-regulating kinase 3 levels
Methionine-R-sulfoxide reductase B2, mitochondrial levels
Microtubule-associated protein RP/EB family member 1 levels
Microtubule-associated proteins 1A/1B light chain 3A levels
Microtubule-associated proteins 1A/1B light chain 3B levels
Mitogen-activated protein kinase kinase kinase 1 levels
Mothers against decapentaplegic homolog 1 levels
N-alpha-acetyltransferase 10 levels
NEDD4-like E3 ubiquitin-protein ligase WWP1 levels
Neuroendocrine convertase 2 levels
NF-kappa-B inhibitor beta levels

NSFL1 cofactor p47 levels
Nuclear apoptosis-inducing factor 1 levels
Nuclease-sensitive element-binding protein 1 levels
Nucleolysin TIAR levels
nucleosome assembly protein 1-like 4 levels
Osteoclast-stimulating factor 1 levels
Patatin-like phospholipase domain-containing protein 2 levels
Peptidyl-prolyl cis-trans isomerase FKBP1B levels
Peptidyl-prolyl cis-trans isomerase FKBP4 levels
Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 levels
Peroxisomal 2,4-dienoyl-CoA reductase levels
Peroxisomal trans-2-enoyl-CoA reductase levels
Phosphatidylcholine-sterol acyltransferase levels
Phosphomannomutase 2 levels
Phosphopantothenate--cysteine ligase levels
Plakophilin-2 levels
Platelet-activating factor acetylhydrolase 2, cytoplasmic levels
Plexin domain-containing protein 2 levels
Polyadenylate-binding protein 2 levels
Prefoldin subunit 2 levels
Probable ATP-dependent RNA helicase DDX6 levels
Protein ABHD14A levels
Protein argonaute-3 levels
Protein canopy homolog 3 levels
Protein disulfide-isomerase A6 levels
Protein disulfide-isomerase TMX3 levels
Protein FAM49B levels
Protein FEV levels
Protein flightless-1 homolog levels
Protein HEXIM1 levels
Protein Hikeshi levels
Protein kinase C and casein kinase substrate in neurons protein 1 levels
Protein mago nashi homolog 2 levels
Protein MEMO1 levels
Protein phosphatase inhibitor 2 levels
Protein polybromo-1 levels
Protein SCO2 homolog, mitochondrial levels
Protein TSSC4 levels
Protocadherin gamma-A2 levels
Protocadherin-8 levels
Pyridoxine-5-phosphate oxidase levels
Quinone oxidoreductase PIG3 levels
RAC-alpha serine/threonine-protein kinase levels
Radixin levels
RAF proto-oncogene serine/threonine-protein kinase levels
Ran-specific GTPase-activating protein levels
Ras GTPase-activating protein-binding protein 1 levels

Ras GTPase-activating protein-binding protein 2 levels
Ras-related protein Rab-1B levels
Ras-related protein Rab-4A levels
Ras-related protein Rab-5A levels
Ras-related protein Rab-5B levels
Ras-related protein Rab-5C levels
Ras-related protein Rab-6B levels
Ras-related protein Ral-A levels
Receptor-transporting protein 4 levels
Regulator of G-protein signaling 1 levels
Relaxin-3 levels
Ribosomal protein S6 kinase beta-1 levels
RISC-loading complex subunit TARBP2 levels
Serine hydroxymethyltransferase, cytosolic levels
Serine/threonine-protein kinase A-Raf levels
Serine/threonine-protein kinase B-raf levels
Serine/threonine-protein kinase N1 levels
Serine/threonine-protein phosphatase 4 regulatory subunit 3A levels
Serpine H1 levels
SH3 and multiple ankyrin repeat domains protein 3 levels
SH3 domain-binding glutamic acid-rich-like protein 2 levels
SH3 domain-binding glutamic acid-rich-like protein 3 levels
Signal recognition particle 19 kDa protein levels
Small nuclear ribonucleoprotein Sm D2 levels
Small ubiquitin-related modifier 2 levels
Smoothelin levels
Snurportin-1 levels
Sorting nexin-3 levels
Sorting nexin-5 levels
Spermine synthase levels
Splicing factor 45 levels
Stathmin levels
Steroid receptor RNA activator 1 levels
Syntenin-2 levels
TATA box-binding protein-like protein 1 levels
TATA-binding protein-associated factor 2N levels
Telomeric repeat-binding factor 1 levels
Tetratricopeptide repeat protein 1 levels
THO complex subunit 1 levels
Threonine--tRNA ligase, cytoplasmic levels
Trafficking protein particle complex subunit 4 levels
Transcription elongation factor A protein 1 levels
Transcription elongation factor A protein 2 levels
Transcriptional activator protein Pur-beta levels
Transcriptional repressor protein YY1 levels
Transducin beta-like protein 2 levels
Translational activator of cytochrome c oxidase 1 levels

Trinucleotide repeat-containing gene 6B protein levels
Tripeptidyl-peptidase 1 levels
tRNA (cytosine(38)-C(5))-methyltransferase levels
Tudor-interacting repair regulator protein levels
Type II inositol 1,4,5-trisphosphate 5-phosphatase levels
Tyrosine-protein kinase SYK levels
Tyrosine-protein kinase SYK levels
Ubiquilin-2 levels
Ubiquitin-conjugating enzyme E2 E1 levels
Ubiquitin-conjugating enzyme E2 G1 levels
Ubiquitin-conjugating enzyme E2 variant 2 levels
Ubiquitin-like domain-containing CTD phosphatase 1 levels
Ubiquitin-protein ligase E3A levels
UDP-glucose 6-dehydrogenase levels
UDP-glucuronosyltransferase 1-1 levels
UPF0160 protein MYG1, mitochondrial levels
Uroporphyrinogen decarboxylase levels
Vacuolar protein sorting-associated protein 26A levels
Voltage-dependent L-type calcium channel subunit beta-4 levels
Zinc finger protein 526 levels
Protein MRVI1 levels
Protein O-glucosyltransferase 1 levels
Protein phosphatase 1A levels
Protein phosphatase 1L levels
Protein-tyrosine kinase 2-beta levels
Protrudin levels
Pulmonary surfactant-associated protein D levels
Pyridoxal phosphate phosphatase levels
Pyruvate levels
Pyruvate levels (UKB data field 23472)
Rab GDP dissociation inhibitor beta levels
Rap1 GTPase-GDP dissociation stimulator 1 levels
Ras-related C3 botulinum toxin substrate 3 levels
Ras-related protein Rab-22A levels
Receptor-interacting serine/threonine-protein kinase 2 levels
Regulator of microtubule dynamics protein 1 levels
Platelet perturbation response (side fluorescence median of platelet in response to KCl perturb
High light scatter reticulocyte count
Reticulocyte count
Reticulocyte count
Reticulocyte fraction of red cells
High light scatter reticulocyte percentage of red cells
Reticulocyte fraction of red cells
Rho GTPase-activating protein 5 levels
Rho guanine nucleotide exchange factor 1 levels
Rho guanine nucleotide exchange factor 10 levels
Rho-associated protein kinase 2 levels

Ribonucleoside-diphosphate reductase subunit M2 B levels
Ribosome maturation protein SBDS levels
Ribosome-binding protein 1 levels
RING finger protein 215 levels
RNA-binding protein 3 levels
Scavenger receptor class F member 1 levels
Seizure 6-like protein 2 levels
Semaphorin-4D levels
Serine/threonine-protein kinase BRSK2 levels
Serine/threonine-protein kinase MRCK beta levels
Serine/threonine-protein kinase WNK3 levels
Serine-rich single-pass membrane protein 1 levels
SH3 domain-binding protein 2 levels
SHC-transforming protein 1 levels
SHC-transforming protein 1 levels
Signal transducer and activator of transcription 1-alpha/beta levels
Signal transducer and activator of transcription 3 levels
Signal transducer and activator of transcription 6 levels
Small glutamine-rich tetratricopeptide repeat-containing protein alpha levels
Small ubiquitin-related modifier 3 levels
Sorting nexin-17 levels
Sorting nexin-4 levels
Spermidine levels
Spermidine levels
Sphingadienine levels
Sphingadienine levels
Sphinganine levels
Sphinganine levels
Sphingosine 1-phosphate levels
Sphingosine levels
Sphingosine levels
Sphingosine levels
Spliceosome RNA helicase DDX39B levels
Splicing factor 3B subunit 4 levels
Stathmin-2 levels
Stathmin-3 levels
Stress-induced-phosphoprotein 1 levels
Stromal membrane-associated protein 1 levels
Structural maintenance of chromosomes protein 3 levels
SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member
Synaptosomal-associated protein 29 levels
Syntaxin-8 levels
Tapasin levels
Tax1-binding protein 1 levels
Tax1-binding protein 3 levels
Thioredoxin domain-containing protein 12 levels
Thioredoxin domain-containing protein 5 levels

Thioredoxin reductase 1, cytoplasmic levels
Transcriptional activator protein Pur-alpha levels
Transforming protein RhoA levels
Translationally-controlled tumor protein levels
Transmembrane protein PVRIG levels
Tubulin-specific chaperone E levels
Tubulin--tyrosine ligase levels
Twisted gastrulation protein homolog 1 levels
Type III endosome membrane protein TEMP levels
Tyrosine-protein kinase Fer levels
Tyrosine-protein kinase Lck levels
Tyrosine-protein kinase Lyn levels
Tyrosine-protein kinase Yes levels
Ubiquilin-4 levels
Ubiquitin carboxyl-terminal hydrolase 21 levels
Ubiquitin carboxyl-terminal hydrolase 25 levels
Ubiquitin carboxyl-terminal hydrolase 8 levels
Ubiquitin carboxyl-terminal hydrolase isozyme L1 levels
Ubiquitin-conjugating enzyme E2 L3 levels
Ubiquitin-conjugating enzyme E2 variant 1 levels
Ubiquitin-fold modifier 1 levels
Ubiquitin-fold modifier-conjugating enzyme 1 levels
Ubiquitin-like protein 4A levels
Ubiquitin-like protein ISG15 levels
UBX domain-containing protein 4 levels
Uncharacterized protein C7orf69 levels
Uncharacterized protein KIAA0040 levels
UPF0696 protein C11orf68 levels
Vacuolar protein sorting-associated protein VTA1 homolog levels
Vasoactive Intestinal Peptide levels
Vesicle transport through interaction with t-SNAREs homolog 1A levels
Vesicle transport through interaction with t-SNAREs homolog 1B levels
Vesicle-fusing ATPase levels
Vesicle-trafficking protein SEC22a levels
Vigilin levels
Voltage-gated potassium channel subunit beta-2 levels
X-ray repair cross-complementing protein 6 levels
Y-box-binding protein 2 levels
Abdominal fat ratio
Abdominal adipose tissue volumes to gluteofemoral adipose tissue volumes ratio
Age at adiposity rebound
Alcohol consumption
Drinks per week
Problematic alcohol use (MTAG)
Alcohol use disorder
Alcohol use disorder
Basal metabolic rate

Basal metabolic rate variance
Body fat percentage
Body fat percentage
Body fat percentage
Body fat percentage
Body fat percentage
Body mass index
Body mass index
Body mass index
Body mass index
Body mass index
Body mass index
Body mass index
Body mass index
Body mass index
Body mass index
Childhood body mass index
Childhood body mass index
Weight
Weight
Bone mineral density or leg lean mass (pleiotropy)
Chronotype
Morning person
Morning person
Morningness
Cigarettes smoked per day (MTAG)
Ideal cardiovascular health score (clinical and behavioral)
Body size at age 10
C-reactive protein levels (MTAG)
Principal component-derived dietary pattern 1
Dietary macronutrient intake
Dietary macronutrient intake
Fasting insulin
Fasting insulin
Body fat rate
Childhood body fatness
Relative fat intake
Hand grip strength
High-density lipoprotein levels (MTAG)
Hip circumference
Hip circumference
Hip circumference
Hip circumference variance
Medication use (HMG CoA reductase inhibitors)
Fat-free mass
Fat-free mass
Fat-free mass

Leg lean mass
Left ventricular mass
Mean corpuscular hemoglobin
Obesity
Obesity
Obesity
Obesity
Obesity
Obesity (early onset extreme)
Surgical hip osteoarthritis
Body mass index or hip osteoarthritis (pleiotropy)
Preeclampsia (maternal genotype effect)
Preeclampsia or eclampsia
Preeclampsia (maternal genotype effect)
Pulse pressure
Abdominal subcutaneous adipose tissue
Abdominal subcutaneous adipose tissue normalized
Abdominal subcutaneous adipose tissue volume
Total testosterone levels
Type 2 diabetes
Type 2 diabetes
Type 2 diabetes
Type 2 diabetes
Type 2 diabetes
Type 2 diabetes
Type 2 diabetes
Type 2 diabetes
Type 2 diabetes
Waist circumference
Waist circumference
Waist circumference
Waist circumference
Waist circumference variance
Weight-to-muscle ratio
Free cholesterol to total lipids ratio in very large VLDL
Gallstone disease
Liver enzyme levels (gamma-glutamyl transferase)
Low testosterone levels
White blood cell count (basophil)
Number of decayed, missing and filled tooth surfaces or use of dentures
Dentures
Neutrophil forward scatter distribution width
Platelet aggregation
Platelet aggregation
Platelet aggregation
Platelet aggregation
Platelet aggregation
Platelet count

Platelet side scatter distribution width
Reticulocyte count
Reticulocyte fraction of red cells
Urinary metabolite levels in chronic kidney disease
Waist-hip index
Waist-to-hip ratio adjusted for BMI
Dihexosylceramide (d16:1/16:0) levels
AFP levels
Cerebrospinal fluid biomarker levels
Platelet count
Platelet count
Noncognitive aspects of educational attainment
White blood cell count
HDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
HDL cholesterol levels
HDL cholesterol levels
HDL cholesterol levels
HDL cholesterol levels
HDL cholesterol levels in current drinkers
HDL cholesterol levels in current drinkers
HDL cholesterol levels in current drinkers
HDL cholesterol levels in current drinkers
HDL cholesterol levels in current drinkers
High density lipoprotein cholesterol levels
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
Triglyceride levels in current drinkers
Lung function (FEV1/FVC)
Platelet count
Apolipoprotein A1 levels
Cholesterol to total lipids ratio in large LDL
Cholesteryl ester levels in HDL
Cholesteryl ester levels in large HDL
Cholesteryl ester levels in medium HDL
Cholesteryl esters to total lipids ratio in very large HDL
Cholesteryl esters to total lipids ratio in large LDL
Free cholesterol levels in HDL
Free cholesterol levels in large HDL
Free cholesterol levels in medium HDL
Free cholesterol to total lipids ratio in medium HDL

Free cholesterol to total lipids ratio in small HDL
Free cholesterol to total lipids ratio in very large HDL
Concentration of HDL particles
Concentration of large HDL particles
Concentration of very large HDL particles
HDL cholesterol levels
Average diameter for HDL particles
Total lipid levels in HDL
Total lipid levels in large HDL
Total concentration of lipoprotein particles
Phospholipid levels in large HDL
Phospholipids to total lipids ratio in large LDL
Phospholipids to total lipids ratio in large VLDL
Cholesterol levels in large HDL
Cholesterol levels in medium HDL
Triglycerides to total lipids ratio in large VLDL
Hip circumference adjusted for BMI
A body shape index
Waist-hip index
Waist-to-hip ratio adjusted for BMI
Cholesterol in chylomicrons and extremely large VLDL (UKB data field 23484)
Eosinophil counts
Eosinophil counts
Eosinophil counts
Eosinophil counts
Eosinophil counts
Eosinophil counts
Sum eosinophil basophil counts
Eosinophil percentage of white cells
Saturated fatty acid levels
Total fatty acid levels
Total fatty acids levels (UKB data field 23442)
Free cholesterol in chylomicrons and extremely large VLDL (UKB data field 23486)
Free cholesterol to total lipids ratio in small LDL
Intraocular pressure
Total lipid levels in small HDL
Monounsaturated fatty acids levels (UKB data field 23447)
Nasal polyps
Phospholipid levels in small HDL
Phospholipids to total lipids in medium LDL percentage (UKB data field 23619)
Phospholipids to total lipids ratio in medium LDL
Phospholipids to total lipids ratio in small LDL
Saturated fatty acids levels (UKB data field 23448)
Primary sclerosing cholangitis (MTAG)
Total triglycerides levels
Total triglycerides levels (UKB data field 23407)
Triglyceride levels

Triglyceride levels
Triglycerides
Triglyceride levels in HDL
Triglyceride levels in large HDL
Triglyceride levels in medium HDL
Triglyceride levels in small HDL
Triglyceride levels in very large HDL
Triglyceride levels in small VLDL
Triglyceride levels in very small VLDL
Triglyceride levels in VLDL
Triglycerides in HDL (UKB data field 23410)
Triglycerides in medium HDL (UKB data field 23571)
Triglycerides in small HDL (UKB data field 23578)
Triglycerides in small LDL (UKB data field 23550)
Triglycerides in very small VLDL (UKB data field 23522)
Triglycerides to total lipids ratio in large HDL
Triglycerides to total lipids ratio in very large HDL
Hip circumference adjusted for BMI
Hip index
Waist-hip index
Waist-to-hip ratio adjusted for BMI
Height
Height
Coronary artery disease
Coronary artery disease
Multiple sclerosis
Acetate levels
Rheumatoid arthritis (rheumatoid factor and/or anti-cyclic citrullinated peptide seropositive)
Chronic inflammatory diseases (ankylosing spondylitis, Crohn's disease, psoriasis, primary scler
Apolipoprotein A1 levels
Appendicular lean mass
Appendicular lean mass
Appendicular lean mass
Aspartate aminotransferase levels
Type 1 diabetes autoantibodies in high risk HLA genotype individuals (time to event)
Autoimmune hepatitis type-1
Autoimmune thyroid disease
Basophil count
Basophil count
Basophil count
Basophil count
Sum basophil neutrophil counts
Beta-2 microglobulin plasma levels
Birth weight
Offspring birth weight
Blood protein levels
CD4 on naive CD4+ T cell

Hip circumference adjusted for BMI
Height
Body mass index
Body mass index
Whole brain restricted directional diffusion (multivariate analysis)
Cancer
Medication use (calcium channel blockers)
Cardiovascular disease
Celiac disease
Celiac disease
Colorectal cancer
Colorectal cancer
Colorectal cancer
Colorectal or endometrial cancer
Coronary artery disease
Coronary artery disease
Coronary artery disease
Coronary heart disease
Coronary artery disease or plasminogen activator inhibitor 1 levels (pleiotropy)
Coronary artery disease or tissue plasminogen activator levels (pleiotropy)
Cryptic phenotype that captures autosomal dominant polycystic kidney disease severity
Cystatin C plasma levels
Diastolic blood pressure
Diastolic blood pressure
Diastolic blood pressure
Diastolic blood pressure
Diastolic blood pressure
Diastolic blood pressure
Diastolic blood pressure
Diastolic blood pressure
Diastolic blood pressure
Diastolic blood pressure
Diastolic blood pressure
Diastolic blood pressure
Diastolic blood pressure
Diastolic blood pressure (cigarette smoking interaction)
Diastolic blood pressure x depressive symptoms interaction (2df test)
Endometrial cancer
Endometrial cancer (endometrioid histology)
Eosinophil counts
Eosinophil counts
White blood cell count (eosinophil)
Sum neutrophil eosinophil counts
Eosinophil side scatter distribution width
Red blood cell count
Red blood cell count
Red blood cell count
Red blood cell count

Ischemic stroke or factor VIII levels (pleiotropy)
Ischemic stroke or factor XI levels (pleiotropy)
Fibrinogen levels
Ischemic stroke or fibrinogen levels (pleiotropy)
Glaucoma (multi-trait analysis)
Granulocyte count
Hashimoto thyroiditis
Heart failure (multivariate analysis)
Hematocrit
Hematocrit
Hematocrit
Hemoglobin
Hemoglobin concentration
Hemoglobin concentration
Hemoglobin concentration
Hemoglobin levels
Hemoglobin levels
Red blood cell traits
HDL cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
Hypothyroidism
Hypothyroidism
Hypothyroidism
Hypothyroidism
Inflammatory bowel disease
Intraocular pressure
Ischemic stroke
Ischemic stroke
Ischemic stroke or factor VII levels (pleiotropy)
Ischemic stroke or von Willebrand factor levels (pleiotropy)
Kynurenine levels
Kynurenine levels
Metabolite levels (kynurenine; cmh_kynurenine; Kynurenine)
Ischemic stroke (large artery atherosclerosis)
Latent autoimmune diabetes vs. type 2 diabetes
Left ventricular end-diastolic volume
Left ventricular end-systolic volume
CD4+ T cell Absolute Count
T cell Absolute Count
White blood cell count
White blood cell count
White blood cell count
White blood cell count
Low affinity immunoglobulin gamma Fc region receptor III-B levels

Low density lipoprotein cholesterol levels	
Low density lipoprotein cholesterol levels	
Low density lipoprotein cholesterol levels	
Central Memory CD4+ T cell Absolute Count	
Lymphocyte count	
Lymphocyte count	
Lymphocyte count	
Interleukin-23 receptor levels	1
Lymphotoxin-alpha levels	1
Acidic fibroblast growth factor intracellular-binding protein levels	1
Growth factor receptor-bound protein 10 levels	1
Interferon regulatory factor 3 levels	1
Interleukin-15 levels	1
Monocyte count	
Monocyte count	
Monocyte count	
Monocyte count	
Mesencephalic astrocyte-derived neurotrophic factor levels	1
Multiple sclerosis	
Myeloid white cell count	
White blood cell count	
White blood cell count	
Natural killer cell receptor 2B4 levels	
Neutrophil count	
Neutrophil count	
Neutrophil count	
Neutrophil count	
Neutrophil count	
Neutrophil count	
Proheparin-binding EGF-like growth factor levels	1
Non-HDL cholesterol levels	
Stromal cell-derived factor 2-like protein 1 levels	1
Parental longevity (father's age at death)	
Peripheral artery disease in non diabetes	
Ischemic stroke or plasminogen activator inhibitor 1 levels (pleiotropy)	
Platelet count	
Platelet count	
Platelet count	
Platelet count	
Platelet count	
Platelet count	
Plateletcrit	
Plateletcrit	
Quinolinate levels	
High light scatter reticulocyte count	
Reticulocyte count	

Reticulocyte count
High light scatter reticulocyte percentage of red cells
Immature fraction of reticulocytes
Reticulocyte fraction of red cells
Retinal venular width
Rheumatoid arthritis
Rheumatoid arthritis
Rheumatoid arthritis
Rheumatoid arthritis
Rheumatoid arthritis (rheumatoid factor and/or anti-cyclic citrullinated peptide seropositive)
Rheumatoid arthritis (rheumatoid factor and/or anti-cyclic citrullinated peptide seropositive)
Primary sclerosing cholangitis
Primary sclerosing cholangitis
Primary sclerosing cholangitis (MTAG)
Semaphorin-4D levels
Alanine aminotransferase levels
Liver enzyme levels (alanine transaminase)
IgA levels
Ischemic stroke (small-vessel)
Small vessel stroke (CCS or TOAST classification)
Small vessel stroke (CCSp classification)
Systolic blood pressure (cigarette smoking interaction)
Cancer (pleiotropy)
Stroke
Stroke
Systolic blood pressure
Systolic blood pressure
Systolic blood pressure
Systolic blood pressure
Systolic blood pressure
Systolic blood pressure
T-cell surface glycoprotein CD5 levels
Medication use (thyroid preparations)
Medication use (thyroid preparations)
Thyroid stimulating hormone levels
Thyroid stimulating hormone levels
Ischemic stroke or tissue plasminogen activator levels (pleiotropy)
Tonsillectomy
Tonsillectomy
Total cholesterol levels
Total cholesterol levels
Total cholesterol levels
Type 1 diabetes
Type 1 diabetes
Type 1 diabetes
Type 1 diabetes
Vascular cell adhesion protein 1 levels (VCAM1.2967.8.1)

Vitamin D-binding protein levels	
Vitamin D-binding protein levels (adjusted for GC haplotype)	
Annual healthcare cost	
IDP dMRI TBSS OD Posterior corona radiata R	
X-12100 levels	
White blood cell count	
White blood cell count	
Aspartate aminotransferase platelet ratio index in high alcohol intake	
Aspartate aminotransferase platelet ratio index in high alcohol intake	
Fibrosis-4 index in high alcohol intake	
Fibrosis-4 index in high alcohol intake	
Platelet count	
Platelet count	
Red blood cell count	
Hematocrit	
Hematocrit	
Hemoglobin	
Monocyte count	
Platelet count	
Platelet count	
Serum levels of protein CCL1	1
Serum levels of protein IGFL3	1
Serum levels of protein IL10RA	
Drinks per week	
Drinks per week	
Educational attainment	
Walking pace	
High density lipoprotein cholesterol levels	
Household income (MTAG)	
General cognitive ability	
Brain morphology (MOSTest)	
Automobile speeding propensity	
Educational attainment (years of education)	
Type 2 diabetes	
Type 2 diabetes	
Type 2 diabetes	
Predicted visceral adipose tissue	
Worry too long after an embarrassing experience	
Worry/vulnerability (special factor of neuroticism)	
Sum basophil neutrophil counts	
Sum neutrophil eosinophil counts	
Granulocyte count	
Granulocyte percentage of myeloid white cells	
Immature platelet count	
Lactate levels	
Lactate levels (UKB data field 23471)	
White blood cell count	

White blood cell count
White blood cell count
Aspartate aminotransferase platelet ratio index in high alcohol intake
Fibrosis-4 index in high alcohol intake
Forns index in high alcohol intake
Lymphocyte percentage of white cells
Mean corpuscular hemoglobin
Mean corpuscular volume
Mitochondrial DNA copy number
Mitochondrial DNA copy number (adjusted)
Mitochondrial DNA levels
Myeloid white cell count
White blood cell count
White blood cell count
Neutrophil count
Neutrophil count
Neutrophil count
Neutrophil count
Neutrophil count
Neutrophil percentage of white cells
Neutrophil percentage of white cells
Neutrophil-to-lymphocyte ratio
Hematological parameters
Platelet count
Platelet count
Platelet count
Platelet count
Platelet count
Platelet count
Platelet count
Platelet count
Platelet count
Platelet count
Platelet count
Platelet count
Platelet count
Platelet count
Platelet glycoprotein Ib alpha chain levels
Platelet count
Platelet-to-lymphocyte ratio
Vitamin D-binding protein levels (adjusted for GC haplotype)
Leukocyte immunoglobulin-like receptor subfamily B member 2 levels
Augurin levels
Chitinase-3-like protein 2 levels
Collectin-10 levels
DNA-directed RNA polymerases I and III subunit RPAC1 levels
E3 ubiquitin-protein ligase NEURL1 levels
Glutaredoxin-like protein C5orf63 levels
Kallikrein-6 levels

Mast cell-expressed membrane protein 1 levels
O-acetyl-ADP-ribose deacetylase MACROD1 levels
Phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit alpha levels
Polycomb protein SCMH1 levels
Pre-mRNA-processing factor 6 levels
Pro-FMRamide-related neuropeptide FF levels
Protein delta homolog 1 levels
Adenylate kinase 4, mitochondrial levels
Beta-defensin 132 levels
Catenin beta-1 levels
Cyclin-dependent kinase 4 inhibitor C levels
Desmin levels
DNA-directed RNA polymerase III subunit RPC9 levels
Peptidyl-prolyl cis-trans isomerase G levels
Phosphoenolpyruvate carboxykinase, cytosolic [GTP] levels
Protein BTG2 levels
Ras-related protein Rab-17 levels
SWI/SNF complex subunit SMARCC1 levels
U6 snRNA-associated Sm-like protein LSm4 levels
Uncharacterized protein C4orf32 levels
Urotensin-2 levels
Zona pellucida-binding protein 1 levels
Protein sel-1 homolog 2 levels
Radiation-inducible immediate-early gene IEX-1 levels
Receptor-type tyrosine-protein kinase FLT3 levels
Rhopilin-2 levels
Thioredoxin-interacting protein levels
Valine--tRNA ligase levels
Zinc finger protein 276 levels
Serum levels of protein MRPL33
Serum levels of protein NCF2
Hip circumference adjusted for BMI
Emphysema imaging phenotypes
Emphysema imaging phenotypes
Post bronchodilator FEV1/FVC ratio
Post bronchodilator FEV1
Metabolic signature
1-arachidonoyl-GPE (20:4n6) levels
1-arachidonoyl-GPE (20:4n6) levels
1-dihomo-linolenoyl-GPC (20:3n3 or 6) levels
1-dihomo-linolenoyl-GPC (20:3n3 or 6) levels
1-dihomo-linolenoyl-GPE (20:3n3 or 6) levels
1-dihomo-linolenoyl-GPE (20:3n3 or 6) levels
1-dihomo-linoleoyl-GPC (20:2) levels
1-dihomo-linoleoyl-GPC (20:2) levels
1-docosahexaenoyl-GPC (22:6) levels
1-docosahexaenoyl-GPC (22:6) levels

1-docosapentaenoyl-GPC (22:5n3) levels
1-docosapentaenoyl-GPC (22:5n3) levels
1-docosapentaenoyl-GPC (22:5n6) levels
1-docosapentaenoyl-GPC (22:5n6) levels
1-eicosapentaenoyl-GPC (20:5) levels
1-eicosapentaenoyl-GPC (20:5) levels
1-eicosapentaenoyl-GPE (20:5) levels
1-eicosapentaenoyl-GPE (20:5) levels
1-oleoyl-GPC (18:1) levels
1-oleoyl-GPC (18:1) levels
1-palmitoleoyl-GPC (16:1) levels
1-palmitoleoyl-GPC (16:1) levels
Metabolite levels (1-palmitoleoylglycerophosphocholine (16:1); 1-palmitoleoyl-GPC (16:1); C16
Metabolite levels (1-palmitoleoylglycerophosphocholine (16:1); 1-palmitoleoyl-GPC (16:1); C16
1-palmitoyl-2-arachidonoyl-GPI (16:0/20:4) levels
1-palmitoyl-2-arachidonoyl-GPI (16:0/20:4) levels
1-palmitoyl-2-oleoyl-gpc (16:0/18:1) levels
1-palmitoyl-2-oleoyl-gpc (16:0/18:1) levels
1-palmitoyl-2-palmitoleoyl-gpc (16:0/16:1) levels
1-palmitoyl-2-palmitoleoyl-gpc (16:0/16:1) levels
1-palmitoyl-GPC (16:0) levels
1-palmitoyl-GPC (16:0) levels
1-palmitoyl-GPE (16:0) levels
1-palmitoyl-GPE (16:0) levels
1-stearoyl-2-arachidonoyl-GPE (18:0/20:4) levels
1-stearoyl-2-arachidonoyl-GPE (18:0/20:4) levels
1-stearoyl-2-arachidonoyl-GPI (18:0/20:4) levels
1-stearoyl-2-arachidonoyl-GPI (18:0/20:4) levels
1-stearoyl-2-dihomo-linolenoyl-GPC (18:0/20:3n3 or 6) levels
1-stearoyl-2-dihomo-linolenoyl-GPC (18:0/20:3n3 or 6) levels
1-stearoyl-2-docosahexaenoyl-gpc (18:0/22:6) levels
1-stearoyl-2-docosahexaenoyl-gpc (18:0/22:6) levels
1-stearoyl-2-oleoyl-gpc (18:0/18:1) levels
1-stearoyl-2-oleoyl-gpc (18:0/18:1) levels
1-stearoyl-2-oleoyl-GPE (18:0/18:1) levels
1-stearoyl-2-oleoyl-GPE (18:0/18:1) levels
1-stearoyl-gpc (18:0) levels
1-stearoyl-gpc (18:0) levels
1-stearoyl-GPE (18:0) levels
1-stearoyl-GPE (18:0) levels
2-hydroxybutyrate/2-hydroxyisobutyrate levels
2-hydroxybutyrate/2-hydroxyisobutyrate levels
2-oleoyl-GPC (18:1) levels
2-oleoyl-GPC (18:1) levels
2-palmitoyl-GPC (16:0) levels
2-palmitoyl-GPC (16:0) levels
2-palmitoyl-GPE (16:0) levels

2-palmitoyl-GPE (16:0) levels
2-stearoyl-GPE (18:0) levels
2-stearoyl-GPE (18:0) levels
3-aminoisobutyrate levels
3-aminoisobutyrate levels
Urinary albumin excretion
Urinary albumin excretion
Urinary albumin excretion (no hypertensive medication)
Urinary albumin excretion (no hypertensive medication)
LDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
LDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
LDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
LDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
LDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
LDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
LDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
LDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Serum alkaline phosphatase levels
Serum alkaline phosphatase levels
Apolipoprotein B levels (UKB data field 23439)
Apolipoprotein B levels (UKB data field 23439)
Appendicular lean mass
Appendicular lean mass
Asparagine levels
Asparagine levels
Serum levels of protein NRP1
Serum levels of protein NRP1

Breast size
Breast size
Brother of CDO levels
Brother of CDO levels
Cadherin-3 levels
Cadherin-3 levels
Trihexosylcermide (d18:1/24:0) levels
Trihexosylcermide (d18:1/24:0) levels
Trihexosylcermide (d18:1/24:1) levels
Trihexosylcermide (d18:1/24:1) levels
Cholesterol in medium LDL (UKB data field 23540)
Cholesterol in medium LDL (UKB data field 23540)
Cholesterol in small LDL (UKB data field 23547)
Cholesterol in small LDL (UKB data field 23547)
Cholesterol in small VLDL (UKB data field 23512)
Cholesterol in small VLDL (UKB data field 23512)
Cholesteryl esters in medium LDL (UKB data field 23541)
Cholesteryl esters in medium LDL (UKB data field 23541)
Cholesteryl esters in small LDL (UKB data field 23548)
Cholesteryl esters in small LDL (UKB data field 23548)
Cholesteryl esters in small VLDL (UKB data field 23513)
Cholesteryl esters in small VLDL (UKB data field 23513)
Cholesteryl esters in VLDL (UKB data field 23416)
Cholesteryl esters in VLDL (UKB data field 23416)
Coagulation factor IXab levels
Coagulation factor IXab levels
Coagulation Factor X levels
Coagulation Factor X levels
Coffee intake (standard GWA)
Coffee intake (standard GWA)
Fasting docosahexaenoic acid (22:6)
Fasting docosahexaenoic acid (22:6)
Postprandial docosahexaenoic acid (22:6)
Postprandial docosahexaenoic acid (22:6)
Fasting monounsaturated fatty acids (16:1, 18:1)
Fasting monounsaturated fatty acids (16:1, 18:1)
Fasting total fatty acids
Fasting total fatty acids
Postprandial monounsaturated fatty acids (16:1, 18:1)
Postprandial monounsaturated fatty acids (16:1, 18:1)
Postprandial saturated fatty acids
Postprandial saturated fatty acids
Postprandial total fatty acids
Postprandial total fatty acids
Free cholesterol in medium VLDL (UKB data field 23507)
Free cholesterol in medium VLDL (UKB data field 23507)
Free cholesterol in small VLDL (UKB data field 23514)

Free cholesterol in small VLDL (UKB data field 23514)
Gamma-glutamylglutamine levels
Gamma-glutamylglutamine levels
Gamma-glutamylmethionine levels
Gamma-glutamylmethionine levels
Glutamine levels
Glutamine levels
Glycerophosphoethanolamine levels
Glycerophosphoethanolamine levels
Fasting glycoprotein acetyls (mainly a1-acid glycoprotein)
Fasting glycoprotein acetyls (mainly a1-acid glycoprotein)
Postprandial glycoprotein acetyls (mainly a1-acid glycoprotein)
Postprandial glycoprotein acetyls (mainly a1-acid glycoprotein)
High-density lipoprotein levels (MTAG)
High-density lipoprotein levels (MTAG)
Fasting triglycerides levels in medium HDL
Fasting triglycerides levels in medium HDL
Histidine levels (UKB data field 23463)
Histidine levels (UKB data field 23463)
Ig Kappa chain V-I region HK102- like levels
Ig Kappa chain V-I region HK102- like levels
Phosphatidylcholine (14:0_18:2) levels
Phosphatidylcholine (14:0_18:2) levels
Phosphatidylcholine (14:0_18:2) levels
Phosphatidylcholine (14:0_18:2) levels
Phosphatidylcholine (16:0_16:1) levels
Phosphatidylcholine (16:0_16:1) levels
Phosphatidylethanolamine (18:2_0:0) levels
Phosphatidylethanolamine (18:2_0:0) levels
Triacylglycerol (49:2) levels
Triacylglycerol (49:2) levels
Triacylglycerol (51:3) levels
Triacylglycerol (51:3) levels
Triacylglycerol (53:3) levels
Triacylglycerol (53:3) levels
Linoleic acid levels
Linoleic acid levels
Linoleic acid levels (UKB data field 23449)
Linoleic acid levels (UKB data field 23449)
1-palmitoyl-2-linoleoyl-glycerol (16:0/18:2) levels
1-palmitoyl-2-linoleoyl-glycerol (16:0/18:2) levels
Concentration of LDL particles (UKB data field 23429)
Concentration of LDL particles (UKB data field 23429)
Concentration of medium LDL particles (UKB data field 23537)
Concentration of medium LDL particles (UKB data field 23537)
Concentration of small LDL particles (UKB data field 23544)
Concentration of small LDL particles (UKB data field 23544)

LDL cholesterol levels in current drinkers
 LDL cholesterol levels in current drinkers
 LDL cholesterol levels in current drinkers
 LDL cholesterol levels in current drinkers
 Low density lipoprotein cholesterol levels
 Low density lipoprotein cholesterol levels
 Lumican levels
 Lumican levels
 Lymphocyte-to-monocyte ratio
 Lymphocyte-to-monocyte ratio
 Mean corpuscular volume
 Mean corpuscular volume
 Microalbuminuria
 Microalbuminuria
 Neurogenic locus notch homolog protein 1 levels
 Neurogenic locus notch homolog protein 1 levels
 Fasting omega-3 fatty acids
 Fasting omega-3 fatty acids
 Phosphatidylcholine acyl-alkyl C38:1 levels
 Phosphatidylcholine acyl-alkyl C38:1 levels
 Phospholipids in medium VLDL (UKB data field 23504)
 Phospholipids in medium VLDL (UKB data field 23504)
 Phospholipids in small VLDL (UKB data field 23511)
 Phospholipids in small VLDL (UKB data field 23511)
 Phospholipids in very small VLDL (UKB data field 23518)
 Phospholipids in very small VLDL (UKB data field 23518)
 Serum levels of protein IL18R1
 Serum levels of protein PDGFD
 Plexin-B2 levels
 Plexin-B2 levels
 Inactive tyrosine-protein kinase 7 levels
 Inactive tyrosine-protein kinase 7 levels
 Receptor-type tyrosine-protein phosphatase S levels
 Receptor-type tyrosine-protein phosphatase S levels
 Remnant cholesterol (non-HDL, non-LDL -cholesterol) levels (UKB data field 23402)
 Remnant cholesterol (non-HDL, non-LDL -cholesterol) levels (UKB data field 23402)
 High light scatter reticulocyte count
 High light scatter reticulocyte count
 Reticulocyte count
 Reticulocyte count
 Reticulocyte fraction of red cells
 Reticulocyte fraction of red cells
 Sex hormone-binding globulin levels
 Sex hormone-binding globulin levels
 Sex hormone-binding globulin levels
 Sex hormone-binding globulin levels
 Sex hormone-binding globulin levels adjusted for BMI

Sex hormone-binding globulin levels adjusted for BMI

Threonine levels

Threonine levels

Total cholesterol levels

Total cholesterol levels

Total lipids in medium LDL (UKB data field 23538)

Total lipids in medium LDL (UKB data field 23538)

Total lipids in small LDL (UKB data field 23545)

Total lipids in small LDL (UKB data field 23545)

Total lipids in very small VLDL (UKB data field 23517)

Total lipids in very small VLDL (UKB data field 23517)

Triacylglycerol (48:2) levels

Triacylglycerol (48:2) levels

Triacylglycerol (48:3) levels

Triacylglycerol (48:3) levels

Triacylglycerol (50:2) levels

Triacylglycerol (50:2) levels

Triacylglycerol (50:3) levels

Triacylglycerol (50:3) levels

Triacylglycerol (50:4) levels

Triacylglycerol (50:4) levels

Triacylglycerol (50:5) levels

Triacylglycerol (50:5) levels

Triacylglycerol (52:3) levels

Triacylglycerol (52:3) levels

Triacylglycerol (52:5) levels

Triacylglycerol (52:5) levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels

Triglyceride levels in current drinkers

Triglyceride levels in current drinkers

Triglyceride levels in current drinkers
Triglyceride levels in current drinkers
Triglyceride levels in current drinkers
Triglyceride levels in current drinkers
Triglyceride levels in current drinkers
Triglyceride levels in current drinkers
Triglyceride levels in current drinkers
Triglycerides
Triglycerides
Tyrosine levels
Tyrosine levels
Urinary albumin-to-creatinine ratio
Urinary albumin-to-creatinine ratio
Urinary albumin-to-creatinine ratio
Urinary albumin-to-creatinine ratio
Urinary albumin-to-creatinine ratio
Urinary albumin-to-creatinine ratio
Urinary albumin-to-creatinine ratio
Urinary albumin-to-creatinine ratio
Urinary albumin-to-creatinine ratio
Urinary albumin-to-creatinine ratio
Urinary sodium to potassium ratio
Urinary sodium to potassium ratio
Concentration of medium VLDL particles (UKB data field 23502)
Concentration of medium VLDL particles (UKB data field 23502)
Concentration of very small VLDL particles (UKB data field 23516)
Concentration of very small VLDL particles (UKB data field 23516)
VLDL cholesterol levels (UKB data field 23403)
VLDL cholesterol levels (UKB data field 23403)
Vesicular integral-membrane protein VIP36 levels
Vesicular integral-membrane protein VIP36 levels
X-12063 levels
X-12063 levels
Serum levels of protein MAP2K4
Dual specificity mitogen-activated protein kinase kinase 4 levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
HDL cholesterol levels x long total sleep time interaction (2df test)
Red cell distribution width
Triglyceride levels
Triglyceride levels
Triglyceride levels
Serum 25-Hydroxyvitamin D levels
Serum alkaline phosphatase levels
Apolipoprotein A1 levels
Apolipoprotein B levels

Total bilirubin levels
 Cholesterol in large LDL (UKB data field 23533)
 Cholesterol in medium LDL (UKB data field 23540)
 Cholesterol in small LDL (UKB data field 23547)
 Cholesterol to total lipids ratio in large LDL
 Cholesteryl esters in large LDL (UKB data field 23534)
 Cholesteryl esters in LDL (UKB data field 23417)
 Cholesteryl esters in medium VLDL (UKB data field 23506)
 Spread type: Flora Pro-Active/Benecol (UKB data field 1428_2)
 Total esterified cholesterol levels (UKB data field 23415)
 Free cholesterol in large LDL (UKB data field 23535)
 Free cholesterol in LDL (UKB data field 23421)
 Free cholesterol in medium LDL (UKB data field 23542)
 High density lipoprotein cholesterol levels
 Clinical LDL cholesterol levels (UKB data field 23404)
 Concentration of medium LDL particles (UKB data field 23537)
 LDL cholesterol
 LDL cholesterol
 LDL cholesterol
 LDL cholesterol levels
 LDL cholesterol levels (UKB data field 23405)
 Low density lipoprotein cholesterol levels
 Low density lipoprotein cholesterol levels
 Low density lipoprotein cholesterol levels
 Low density lipoprotein cholesterol levels
 Phospholipids in large LDL (UKB data field 23532)
 Phospholipids in LDL (UKB data field 23413)
 Phospholipids in medium LDL (UKB data field 23539)
 Brain-derived neurotrophic factor levels (BDNF.2421.7.3)
 Sphingomyelins levels (UKB data field 23438)
 Cholesterol, total
 Cholesterol, total
 Total cholesterol levels
 Total cholesterol levels
 Total cholesterol levels
 Total cholesterol levels (UKB data field 23400)
 Total lipids in large LDL (UKB data field 23531)
 Total lipids in LDL (UKB data field 23425)
 Total lipids in medium LDL (UKB data field 23538)
 Urate levels
 Insomnia
 Insomnia
 Spermidine levels
 Spermidine levels
 Double-stranded RNA-binding protein Staufen homolog 1 levels (STAU1.12471.47.3)
 Double-stranded RNA-binding protein Staufen homolog 1 levels (STAU1.12471.47.3)
 Inosine-5'-monophosphate dehydrogenase 1 levels (IMPDH1.5229.90.3)
 Inosine-5'-monophosphate dehydrogenase 1 levels (IMPDH1.5229.90.3)

Killer cell lectin-like receptor subfamily F member 1 levels (KLRF1.5098.79.3)	
Killer cell lectin-like receptor subfamily F member 1 levels (KLRF1.5098.79.3)	
Low-density lipoprotein receptor-related protein 1, soluble levels (LRP1.8601.167.3)	
Low-density lipoprotein receptor-related protein 1, soluble levels (LRP1.8601.167.3)	
Low-density lipoprotein receptor-related protein 1B levels (LRP1B.11275.94.3)	
Low-density lipoprotein receptor-related protein 1B levels (LRP1B.11275.94.3)	
Lymphocyte forward scatter distribution width	
Lymphocyte forward scatter distribution width	
Lysophosphatidylcholine acyltransferase 2 levels (LPCAT2.11175.45.3)	
Lysophosphatidylcholine acyltransferase 2 levels (LPCAT2.11175.45.3)	
Osteocalcin levels (BGLAP.11067.13.3)	
Osteocalcin levels (BGLAP.11067.13.3)	
C-C motif chemokine 17 levels (CCL17.3519.3.2)	1
C-X-C motif chemokine 11 levels	1
C-X-C motif chemokine 5 levels	1
C-X-C motif chemokine 6 levels	1
Riboflavin kinase levels (RFK.13059.33.3)	
Riboflavin kinase levels (RFK.13059.33.3)	
Tyrosine-protein kinase Fgr levels (FGR.3810.50.2)	
Tyrosine-protein kinase Fgr levels (FGR.3810.50.2)	
Very long-chain acyl-CoA synthetase levels (SLC27A2.9045.3.3)	
Very long-chain acyl-CoA synthetase levels (SLC27A2.9045.3.3)	
WSC domain-containing protein 2 levels (WSCD2.6274.15.3)	
WSC domain-containing protein 2 levels (WSCD2.6274.15.3)	
Cytokine network levels (multivariate analysis)	1
Hip circumference adjusted for BMI	
Acid sphingomyelinase-like phosphodiesterase 3a levels	
Liver enzyme levels (alkaline phosphatase)	
Serum alkaline phosphatase levels	
Angiopoietin-related protein 4 levels	
Atrial natriuretic factor levels	
Baculoviral IAP repeat-containing protein 7 Isoform beta levels	
Serum levels of protein CFD	
Bone morphogenetic protein 10 levels	
Cathepsin G levels	
CD226 antigen levels	
Collectin-10 levels	
Collectin-11 levels	
Collectin-11 levels	
Collectin-11 levels (COLEC11.4430.44.3)	
Dual specificity protein phosphatase 4 levels	
GDNF family receptor alpha-3 levels	
Guanine deaminase levels	
HDL cholesterol levels	
High density lipoprotein cholesterol levels	
High-density lipoprotein levels (MTAG)	
Low density lipoprotein cholesterol levels	

Mannan-binding lectin serine protease 1 levels	
Ratio of triglycerides to phosphoglycerides	
Platelet count	
Protein C-ets-2 levels	
Protein eva-1 homolog C levels	
Cytokine levels	1
Interleukin-12p70 levels	1
Neutrophil-activating peptide 2 levels (PPBP.2790.54.2)	1
Platelet-derived growth factor D levels	1
Platelet-derived growth factor D levels	1
Platelet-derived growth factor D levels (PDGFD.9341.1.3)	1
Platelet-derived growth factor subunit A levels (PDGFA.4499.21.1)	1
Platelet-derived growth factor subunit B levels (PDGFB.4149.8.2)	1
[Protein ADP-ribosylarginine] hydrolase levels	
Alkaline phosphatase, tissue-nonspecific isozyme levels	
DnaJ homolog subfamily C member 11 levels	
Receptor activity-modifying protein 3 levels	
Gamma glutamyl transpeptidase	
Liver enzyme levels (gamma-glutamyl transferase)	
Non-albumin protein levels	
SH2 domain-containing protein 1A levels	
S-phase kinase-associated protein 1 levels	
Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating levels (NSDHL.8038.41.3)	
Tensin-4 levels	
Total cholesterol levels	
Triglyceride levels	
Triglycerides	
Triglyceride levels in very large VLDL	
Zinc finger protein 10 levels	
Platelet side fluorescence distribution width	
Neutrophil side scatter distribution width	
Rheumatoid arthritis (rheumatoid factor and/or anti-cyclic citrullinated peptide seropositive)	
Serum alkaline phosphatase levels	
Pediatric autoimmune diseases	
Antineutrophil cytoplasmic antibody-associated vasculitis	
Type 1 diabetes autoantibodies in high risk HLA genotype individuals (time to event)	
Type 1 diabetes autoantibodies in high risk HLA genotype individuals (time to event)	
Basal cell carcinoma (MTAG)	
Basophil percentage of white cells	
Celiac disease and Rheumatoid arthritis	
Crohn's disease	
Hypothyroidism	
Medication use (immunosuppressants)	
Medication use (immunosuppressants)	
Arthritis (juvenile idiopathic)	
Arthritis (juvenile idiopathic)	
Keratinocyte cancer (MTAG)	

Lymphocyte count
Monocyte count
Idiopathic inflammatory myopathy
Systemic seropositive rheumatic diseases (Systemic sclerosis or systemic lupus erythematosus)
Neutrophil count
Neutrophil count
Non-melanoma skin cancer
Juvenile idiopathic arthritis (oligoarticular or rheumatoid factor-negative polyarticular)
Platelet-to-lymphocyte ratio
Isoform L-VEGF165 levels 1
Rheumatoid arthritis
Rheumatoid arthritis
Rheumatoid arthritis
Rheumatoid arthritis
Ulcerative colitis vs rheumatoid arthritis (ordinary least squares (OLS))
Systemic lupus erythematosus
Systemic lupus erythematosus
Giant cell arteritis
Type 1 diabetes
Type 1 diabetes
Type 1 diabetes
Annual healthcare cost
Cholesterol to total lipids ratio in large HDL
Cholesteryl esters to total lipids in large LDL percentage (UKB data field 23616)
Cholesteryl esters to total lipids ratio in large LDL
Free cholesterol levels in very large HDL
Free cholesterol to total lipids ratio in large HDL
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
Phospholipids to total lipids ratio in large HDL
Sum basophil neutrophil counts
Sum neutrophil eosinophil counts
Granulocyte count
White blood cell count
Lymphocyte percentage of white cells
Lymphocyte percentage of white cells
Monocyte count
Monocyte count
Myeloid white cell count
Neutrophil count
Chronic inflammatory diseases (ankylosing spondylitis, Crohn's disease, psoriasis, primary scler
Serum levels of protein C6orf58
Serum levels of protein FAM177A1
Serum levels of protein GKN2
Serum levels of protein PIP
Serum levels of protein SECTM1

Serum levels of protein TCN1
Human milk oligosaccharide concentration (2'-fucosyllactose)
COVID-19 (hospitalized covid vs population)
Galactoside 3(4)-L-fucosyltransferase levels (FUT3.4548.4.2)
Intestinal-type alkaline phosphatase levels (ALPI.10463.23.3)
LDL cholesterol
Urine galactosylglycerol levels in chronic kidney disease
Protein FAM177A1 levels (FAM177A1.8039.41.3)
Tumor necrosis factor receptor superfamily member EDAR levels
Secretagogin levels
5-formyltetrahydrofolate cyclo-ligase levels
Aflatoxin B1 aldehyde reductase member 2 levels
Amyloid-like protein 2 levels (APLP2.10627.87.3)
Angiopoietin-1 levels
Angiopoietin-1 levels (ANGPT1.2811.27.1)
Serum levels of protein COCH
Serum levels of protein CST7
Serum levels of protein CTSA
Serum levels of protein EDAR
Serum levels of protein HPSE
Calcium levels
Carbohydrate sulfotransferase 11 levels
Cochlin levels
Cochlin levels (COCH.7227.75.3)
Corneodesmosin levels
Blood protein levels in cardiovascular risk
Dickkopf-related protein 1 levels (DKK1.3535.84.1)
Serum levels of protein DKK1
Dickkopf-related protein 4 levels
Dickkopf-related protein 4 levels (DKK4.3365.7.2)
Serum levels of protein DKK4
Disks large homolog 3 levels
DnaJ homolog subfamily B member 11 levels (DNAJB11.7110.2.3)
Endoplasmic reticulum resident protein 44 levels (ERP44.6064.4.3)
Red blood cell count
Red blood cell count
Galectin-7 levels (LGALS7.9196.8.3)
Gamma-enolase levels
Glutathione peroxidase 7 levels
Heparan sulfate glucosamine 3-O-sulfotransferase 3A1 levels
Immature platelet count
Immature platelet fraction
High fluorescence immature platelet fraction
Integrin alpha-I: beta-1 complex levels
Lactate levels
Lysosomal protective protein levels (CTSA.3179.51.2)
Matrix metalloproteinase-1 levels

Mean platelet volume	
Mean platelet volume	
Mean platelet volume	
Mean platelet volume	
Melanocortin-2 receptor accessory protein 2 levels	
Mitogen-activated protein kinase 8 levels	
Monocyte count	
NAD-dependent protein deacylase sirtuin-5, mitochondrial levels (SIRT5.12461.8.3)	
Neuron-specific protein family member 2 levels (NSG2.13409.9.3)	
Neutrophil count	
Plasminogen activator inhibitor 1 levels	
Plasminogen activator inhibitor 1 levels (SERPINE1.2925.9.1)	
Venous thromboembolism or plasminogen activator inhibitor 1 levels (pleiotropy)	
Platelet distribution width	
Platelet distribution width	
Platelet count	
Platelet count	
Platelet count	
Platelet count	
Platelet count	
Platelet count	
Platelet count	
Platelet count	
Platelet count	
Platelet count	
Platelet count	
Plateletcrit	
Plateletcrit	
Platelet forward scatter	
Platelet side fluorescence	
Platelet side fluorescence distribution width	
Platelet side scatter	
Probable carboxypeptidase X1 levels (CPXM1.6255.74.3)	
Tumor necrosis factor receptor superfamily member EDAR levels (EDAR.2977.7.2)	
Beta-crystallin B1 levels	
Calponin-1 levels	
Desmoglein-3 levels	
Dickkopf-related protein 1 levels	
Dickkopf-related protein 2 levels	
Serum levels of protein VEGFA	1
Protein kinase C and casein kinase substrate in neurons protein 1 levels	
Rho-related GTP-binding protein RhoC levels	
Ubiquitin-like domain-containing CTD phosphatase 1 levels	
Pyruvate levels	
Somatostatin-28 levels	
SPARC levels (SPARC.3043.49.2)	
Vascular endothelial growth factor A levels	1

Synaptotagmin-11 levels (SYT11.7089.42.3)	
Testican-3 levels	
Vascular endothelial growth factor A levels	1
Vascular endothelial growth factor A, isoform 121 levels	1
Vascular endothelial growth factor levels	1
Vascular endothelial growth factor levels	1
Vascular endothelial growth factor levels	1
Serum levels of protein VEGFA	1
Serum levels of protein VEGFA	1
Vascular endothelial growth factor levels	1
Macrophage colony-stimulating factor 1 receptor levels	1
C-C motif chemokine 3 levels	1
C-X-C motif chemokine 10 levels	1
C-X-C motif chemokine 11 levels	1
C-X-C motif chemokine 9 levels	1
Serum levels of protein CXCL11	1
Interleukin-12 subunit beta levels	1
NT-3 growth factor receptor levels	1
Fibroblast growth factor-binding protein 1 levels	1
Tumor necrosis factor levels	1
TNF-beta levels	1
TNF-beta levels	1
TNF-beta levels	1
Serum levels of protein HBEGF	1
UDP-glucuronic acid decarboxylase 1 levels	
UDP-glucuronosyltransferase 2A1 levels (UGT2A1.8907.11.3)	
Venous thromboembolism or tissue plasminogen activator levels (pleiotropy)	
Zinc transporter 5 levels	
Triglyceride levels	
Triglyceride to HDL cholesterol ratio	
Triglyceride to HDL cholesterol ratio	
Triglyceride to HDL cholesterol ratio	
Body mass index	
Body mass index	
Intelligence	
Upper eyelid sagging severity	
Heparin-binding EGF-like growth factor levels	1
Neutrophil count	
Multi-trait sum score	
C-reactive protein levels	
High-density lipoprotein levels (MTAG)	
White blood cell count	
Low-density lipoprotein levels (MTAG)	
Mean corpuscular volume	
Mitochondrial DNA copy number (raw)	
Neutrophil count	
Membrane cofactor protein levels	

Basophil count
Basophil count
Medication use (beta blocking agents)
Medication use (beta blocking agents)
Medication use (beta blocking agents)
Medication use (beta blocking agents)
Medication use (beta blocking agents)
Medication use (beta blocking agents)
Total bilirubin levels
Total bilirubin levels
Total bilirubin levels
Serum levels of protein THPO
Serum levels of protein THPO
Serum levels of protein THPO
BMI at birth
BMI at birth
BMI at birth
Edge-level brain connectivity (multivariate analysis)
Edge-level brain connectivity (multivariate analysis)
Edge-level brain connectivity (multivariate analysis)
Node-level brain connectivity (multivariate analysis)
Node-level brain connectivity (multivariate analysis)
Node-level brain connectivity (multivariate analysis)
Coronary artery disease or fibrinogen levels (pleiotropy)
Coronary artery disease or fibrinogen levels (pleiotropy)
Coronary artery disease or fibrinogen levels (pleiotropy)
Medication use (diuretics)
Medication use (diuretics)
Medication use (diuretics)
Medication use (diuretics)
Medication use (diuretics)
Medication use (diuretics)
Dyslexia
Dyslexia
Dyslexia
Eosinophil counts
Eosinophil counts
Eosinophil counts
Fibrinogen levels
Fibrinogen levels
Fibrinogen levels
Fibrinogen levels or factor VII levels (pleiotropy)
Fibrinogen levels or factor VII levels (pleiotropy)
Fibrinogen levels or factor VII levels (pleiotropy)
Venous thromboembolism or fibrinogen levels (pleiotropy)
Venous thromboembolism or fibrinogen levels (pleiotropy)
Venous thromboembolism or fibrinogen levels (pleiotropy)

Hemoglobin A1c levels	
Hemoglobin A1c levels	
Hemoglobin A1c levels	
Hemoglobin	
Hemoglobin	
Hemoglobin	
HDL cholesterol levels in current drinkers	
HDL cholesterol levels in current drinkers	
HDL cholesterol levels in current drinkers	
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)	
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)	
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)	
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)	
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)	
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)	
Left ventricular end-diastolic volume	
Left ventricular end-diastolic volume	
Left ventricular end-diastolic volume	
Lymphocyte count	
Lymphocyte count	
Lymphocyte count	
Monocyte count	
Monocyte count	
Monocyte count	
Myeloproliferative neoplasms	
Myeloproliferative neoplasms	
Myeloproliferative neoplasms	
Adenosine deaminase CECR1 levels	
Adenosine deaminase CECR1 levels	
Adenosine deaminase CECR1 levels	
Heparin-binding EGF-like growth factor levels (HBEGF.14094.29.3)	1
Proheparin-binding EGF-like growth factor levels	1
Serum levels of protein IGFBP6	1
Vascular cell adhesion protein 1 levels	
Vascular cell adhesion protein 1 levels	
Vascular cell adhesion protein 1 levels	
White matter microstructure (mode of anisotropy)	
White matter microstructure (mode of anisotropy)	
White matter microstructure (mode of anisotropy)	
Reticulocyte side fluorescence	
Immature platelet fraction	
High fluorescence immature platelet fraction	
Platelet side scatter	
acne vulgaris	
Alcohol dehydrogenase 4 levels	
Cirrhosis (alcohol related)	
Alcohol-associated liver disease in light drinkers	

Medication use for hyperlipidemia (number of purchases)
Apolipoprotein A1 levels
Aspartate aminotransferase levels
Aspartate aminotransferase levels
Aspartate aminotransferase levels
Aspartate aminotransferase levels
Aspartate aminotransferase levels
Aspartate transaminase levels in high alcohol intake
Bile salt sulfotransferase levels
Total bilirubin levels
Body composition (MOSTest)
Cirrhosis (multi-trait analysis)
Diacylglycerol_38:5_[M+H-H2O]1+ levels
Red meat related metabolomic signature
Esophageal varix
Free androgen index
Free androgen index
Fructose-1,6-bisphosphatase 1 levels
Gout
Gout
Hematocrit
Hematocrit
Hematocrit
Hematocrit
Hemoglobin
Hemoglobin
Hemoglobin concentration
Hemoglobin concentration
Hemoglobin concentration
Hemoglobin concentration
Hemoglobin levels
Alcohol-related hepatocellular carcinoma
HDL cholesterol levels
Triacylglycerol 56:6 levels
Liver fat content (MRI proton density fat fraction measure)
Liver fibrosis and steatohepatitis severity (MRI cT1 measure)
Liver fat
Liver proton density fat fraction
Maximum measurement of hepatic fat
Maximum measurement of hepatic fat
Maximum measurement of hepatic fat
Median measurement of hepatic fat
Median measurement of hepatic fat
Median measurement of hepatic fat
Median measurement of hepatic fat
Minimum measurement of hepatic fat
Minimum measurement of hepatic fat

Minimum measurement of hepatic fat
Percent liver fat
Percent liver fat
Aspartate aminotransferase platelet ratio index in high alcohol intake
Fibrosis-4 index in high alcohol intake
Forns index in high alcohol intake
Mean corpuscular hemoglobin
Mean corpuscular hemoglobin
Mean corpuscular hemoglobin
Mean corpuscular hemoglobin concentration
Mean corpuscular volume
Neutrophil count
Nonalcoholic fatty liver disease
Nonalcoholic fatty liver disease
Nonalcoholic fatty liver disease
Nonalcoholic fatty liver disease
Nonalcoholic fatty liver disease
Nonalcoholic fatty liver disease
Nonalcoholic fatty liver disease
Nonalcoholic fatty liver disease
Nonalcoholic fatty liver disease
Nonalcoholic fatty liver disease
Nonalcoholic fatty liver disease (SNP x SNP interaction)
Nonalcoholic fatty liver disease in lean individuals (BMI <25)
Nonalcoholic fatty liver disease in obese individuals (BMI>30)
Nonalcoholic fatty liver disease in overweight individuals (25<=BMI<=30)
Non-alcoholic fatty liver disease activity score in non-alcoholic fatty liver disease
Nonalcoholic steatohepatitis
Phospholipids to total lipids in chylomicrons and extremely large VLDL percentage (UKB data fi
Platelet count
Platelet count
Platelet count
Platelet count
Platelet count
Plateletcrit
Aflatoxin B1 aldehyde reductase member 3 levels
Alcohol dehydrogenase 1C levels
Red cell distribution width
Alanine aminotransferase (ALT) levels after remission induction therapy in acute lymphoblasti
Alanine aminotransferase levels
Alanine aminotransferase levels
Alanine aminotransferase levels
Alanine aminotransferase levels
Alanine aminotransferase levels
Alanine transaminase levels
Alanine transaminase levels in high alcohol intake
Chronic elevation of alanine aminotransferase (cALT) levels

Chronic elevation of alanine aminotransferase (cALT) levels
Liver enzyme levels (alanine transaminase)
Liver enzyme levels (alanine transaminase)
Sex hormone-binding globulin levels
Sex hormone-binding globulin levels
Sex hormone-binding globulin levels
Sex hormone-binding globulin levels
Sex hormone-binding globulin levels
Sex hormone-binding globulin levels
Sex hormone-binding globulin levels adjusted for BMI
Sex hormone-binding globulin levels adjusted for BMI
Bioavailable testosterone levels
Low testosterone levels
Total testosterone levels
Total testosterone levels
Total testosterone levels
Total testosterone levels
Total cholesterol levels
Total cholesterol levels
Total cholesterol levels
Triacylglycerol (56:5) levels
Metabolite levels
Triacylglycerol (56:6) levels
Total triglycerides levels
Triacylglycerol_56:5_[M+NH4]¹⁺ levels
Triacylglycerol_56:6_[M+NH4]¹⁺ levels
Triacylglycerol_58:7_[M+NH4]¹⁺ levels
Triglyceride levels
Triglyceride levels
Type 2 diabetes
Type 2 diabetes
Type 2 diabetes (adjusted for BMI)
Type 2 diabetes (adjusted for BMI)
Urate levels
Serum uric acid levels
1-(1-enyl-stearoyl)-2-linoleoyl-GPE (p-18:0/18:2) levels
Alzheimer's disease (age of onset)
Medication use (agents acting on the renin-angiotensin system)
Medication use (agents acting on the renin-angiotensin system)
Biological age (BioAge)
Alanine levels
Serum alkaline phosphatase levels
Alzheimer's disease
Alzheimer's disease
Alzheimer's disease
Alzheimer's disease
Alzheimer's disease (onset at age over 80)

Alzheimer's disease (onset between ages 58 and 79)

Alzheimer's disease or family history of Alzheimer's disease

Alzheimer's disease or family history of Alzheimer's disease

Alzheimer's disease or family history of Alzheimer's disease

Amyloid beta A4 precursor protein-binding family B member 2 levels (APBB2.12753.6.3)

Stable angina pectoris

Medication use (antithrombotic agents)

Medication use (antithrombotic agents)

Apolipoprotein A1 levels

Lipoprotein(a) levels adjusted for apolipoprotein(a) isoforms

Apolipoprotein B levels

Apolipoprotein B levels

Serum levels of protein APOB

Apolipoprotein E (isoform E3) levels

Apolipoprotein E (isoform E4) levels

Apolipoprotein E (isoform E2) levels

Apolipoprotein E levels

Serum levels of protein APOE

Serum levels of protein APOE

Serum levels of protein APOE

Serum levels of protein APOE

Medication use (salicylic acid and derivatives)

Medication use (salicylic acid and derivatives)

Behenoyl sphingomyelin (d18:1/22:0) levels

Medication use (beta blocking agents)

Beta-endorphin levels

Direct bilirubin levels

Blood protein levels

Blood protein levels

Blood protein levels

Blood protein levels

Blood protein levels

Blood protein levels

Blood protein levels

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Blood protein levels
Serum levels of protein APBB2
Serum levels of protein C5orf38
Serum levels of protein CD200R1L
Serum levels of protein CEP57
Serum levels of protein CKAP2
Serum levels of protein CRYZL1
Serum levels of protein CUZD1
Serum levels of protein DEFB119
Serum levels of protein KLRC3
Serum levels of protein KMT2C
Serum levels of protein LRP1B
Serum levels of protein MAPK8
Serum levels of protein PSME1
Serum levels of protein SUMF1
Serum levels of protein TBCA
Serum levels of protein VIMP
Body mass index
Body mass index (MTAG)
Cadherin-related family member 5 levels (CDHR5.9962.1.3)
Medication use (calcium channel blockers)
Medication use (calcium channel blockers)
Cardiovascular disease
Cell surface glycoprotein CD200 receptor 2 levels (CD200R1L.8980.19.3)
Trihexosylceramide (d18:1/24:0) levels
Cholesterol in very large HDL (UKB data field 23554)
Cholesterol in very small VLDL (UKB data field 23519)
Cholesterol to total lipids in large HDL percentage (UKB data field 23635)
Cholesterol to total lipids in very large HDL percentage (UKB data field 23630)
Cholesterol to total lipids in very large VLDL percentage (UKB data field 23585)

Cholesterol to total lipids ratio in small HDL
Cholesterol to total lipids ratio in very large HDL
Cholesteryl ester (16:0) levels
Cholesteryl ester (18:0) levels
Cholesteryl ester (18:2) levels
Cholesteryl ester (24:6) levels
Dehydrocholesteryl ester (18:2) levels
Total Cholesteryl ester levels
Total Dehydrocholesteryl ester levels
Cholesteryl ester levels in medium LDL
Cholesteryl ester levels in very small VLDL
Cholesteryl esters to total lipids in large LDL percentage (UKB data field 23616)
Cholesteryl esters to total lipids in small HDL percentage (UKB data field 23646)
Cholesteryl esters to total lipids in small LDL percentage (UKB data field 23626)
Cholesteryl esters to total lipids in small VLDL percentage (UKB data field 23601)
Cholesteryl esters to total lipids in very large HDL percentage (UKB data field 23631)
Cholesteryl esters to total lipids in very large VLDL percentage (UKB data field 23586)
Cholesteryl esters to total lipids ratio in small LDL
Cholesteryl esters to total lipids ratio in small HDL
Cholesteryl esters to total lipids ratio in very large HDL
Cholesteryl esters to total lipids ratio in medium LDL
Cholesteryl esters to total lipids ratio in small LDL
Cholesteryl esters to total lipids ratio in medium VLDL
Cholesteryl esters to total lipids ratio in small VLDL
Cholesteryl esters to total lipids ratio in very large VLDL
Cigarettes smoked per day (MTAG)
Ideal cardiovascular health (clinical and behavioral)
Cold shock domain-containing protein C2 levels
Carotid intima media thickness
Coronary artery calcification
Coronary artery disease
Coronary artery disease
Coronary artery disease
Coronary artery disease
Coronary artery disease
Coronary artery disease (myocardial infarction, percutaneous transluminal coronary angioplast
Coronary artery disease or factor VII levels (pleiotropy)
Coronary artery disease or factor VIII levels (pleiotropy)
Coronary artery disease or factor XI levels (pleiotropy)
Coronary artery disease or fibrinogen levels (pleiotropy)
Coronary artery disease or von Willebrand factor levels (pleiotropy)
C-reactive protein levels
Cystatin C levels
Cytochrome P450 3A4 level in Chronic kidney disease with hypertension and no diabetes (2943
Degree of unsaturation (UKB data field 23443)
Spread type: Flora Pro-Active/Benecol (UKB data field 1428_2)

Red meat related metabolomic signature
Alkyl-diacylglycerol (O-50:1) [NL-16:0] levels
Alkyl-diacylglycerol (O-52:0) [NL-16:0] levels
Alkyl-diacylglycerol (O-52:2) [NL-16:0] levels
Diacylglycerol (18:1_20:4) levels
Total Alkyl-diacylglycerol levels
Disintegrin and metalloproteinase domain-containing protein 11 levels (ADAM11.6586.19.3)
DNA/RNA-binding protein KIN17 levels (KIN.14643.27.3)
Circulating docosahexaenoic acid levels
Docosahexaenoic acid levels (UKB data field 23450)
Endothelial monocyte-activating polypeptide 2 levels
Red blood cell count
Reticulocyte side fluorescence
Esterified stigmaterol
Family history of Alzheimer's disease
Free cholesterol in medium VLDL (UKB data field 23507)
Free cholesterol in small VLDL (UKB data field 23514)
Free cholesterol in very large HDL (UKB data field 23556)
Free cholesterol levels in very large HDL
Free cholesterol levels in medium VLDL
Free cholesterol levels in small VLDL
Free cholesterol to total lipids in very small VLDL percentage (UKB data field 23607)
Free cholesterol to total lipids ratio in large LDL
Free cholesterol to total lipids ratio in medium LDL
Free cholesterol to total lipids ratio in medium VLDL
Free cholesterol to total lipids ratio in very small VLDL
Gallstone disease
GM3 ganglioside (d18:1/16:0) levels
GM3 ganglioside (d18:1/22:0) levels
GM3 ganglioside (d18:1/24:0) levels
GM3 ganglioside (d18:1/24:1) levels
Total GM3 ganglioside levels
Guanine nucleotide-binding protein G(k) subunit alpha levels (GNAI3.12650.43.3)
HDL cholesterol
HDL cholesterol levels
HDL cholesterol levels in HIV infection
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High-density lipoprotein levels (MTAG)
Histone-lysine N-methyltransferase 2C levels (KMT2C.11402.17.3)
Medication use (HMG CoA reductase inhibitors)
Medication use (HMG CoA reductase inhibitors)

Medication use (HMG CoA reductase inhibitors)

Integrin alpha-IIb: beta-3 complex levels

Serum levels of protein KIN

Alzheimer's disease (late onset)

LDL cholesterol levels

Response to statins (LDL cholesterol change)

Response to statins (LDL cholesterol percent change)

Baculoviral IAP repeat-containing protein 2 level in Chronic kidney disease with hypertension and no diabetes (1827_1)

LisH domain-containing protein FOPNL level in Chronic kidney disease with hypertension and no diabetes (1827_1)

Coiled-coil domain-containing protein 24 level in Chronic kidney disease with hypertension and no diabetes (1827_1)

Coiled-coil-helix-coiled-coil-helix domain-containing protein 7 level in Chronic kidney disease with hypertension and no diabetes (1827_1)

Cysteine-rich protein 1 level in Chronic kidney disease with hypertension and no diabetes (1827_1)

D-3-phosphoglycerate dehydrogenase level in Chronic kidney disease with hypertension and no diabetes (8760_1)

DCN1-like protein 5 level in Chronic kidney disease with hypertension and no diabetes (8760_1)

Dehydrogenase/reductase SDR family member 9 level in Chronic kidney disease with hypertension and no diabetes (191)

Glutamate--cysteine ligase regulatory subunit level in Chronic kidney disease with hypertension and no diabetes (191)

Indian hedgehog protein level in Chronic kidney disease with hypertension and no diabetes (191)

PCNA-associated factor level in Chronic kidney disease with hypertension and no diabetes (191)

Phosphatidylcholine (O-16:0_20:3) levels

Protein phosphatase 1G level in Chronic kidney disease with hypertension and no diabetes (218)

Serine/threonine kinase 10 level in Chronic kidney disease with hypertension and no diabetes (218)

Sphingomyelin (d34:1) levels

Sphingomyelin (d40:1) levels

Sphingomyelin (d42:2) levels

Sterol ester (27:1/16:0) levels

Sterol ester (27:1/16:0) levels

Sterol ester (27:1/16:0) levels

Sterol ester (27:1/18:1) levels

Sterol ester (27:1/18:1) levels

Sterol ester (27:1/18:2) levels

Sterol ester (27:1/18:2) levels

Sterol ester (27:1/18:2) levels

Sterol ester (27:1/20:4) levels

Sterol ester (27:1/20:4) levels

Sterol ester (27:1/22:6) levels

Uracil-DNA glycosylase level in Chronic kidney disease with hypertension and no diabetes (228)

Vacuolar protein sorting-associated protein 29 level in Chronic kidney disease with hypertension and no diabetes (228)

Lipid metabolism phenotypes

Lipoprotein (a) levels

Lipoprotein (a) levels

Lipoprotein-associated phospholipase A2 activity change in response to darapladib treatment in cardiovascular disease

Lipoprotein phospholipase A2 activity in cardiovascular disease

Forns index in high alcohol intake

Longevity (age >90th survival percentile)

Longevity (age >90th survival percentile)

Longevity (age >99th survival percentile)

Longevity (age >99th survival percentile)

Cardiovascular risk factors
Concentration of medium LDL particles
LDL cholesterol
LDL cholesterol
LDL cholesterol
LDL cholesterol levels
LDL cholesterol levels
LDL cholesterol levels
LDL cholesterol levels
LDL cholesterol levels
LDL cholesterol levels
LDL cholesterol levels in HIV infection
LDL cholesterol levels in HIV infection
Lipid traits
Lipid traits
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels
Low density lipoprotein cholesterol levels (on statin treatment)
Free cholesterol levels in large LDL
Average diameter for LDL particles
Low-density lipoprotein receptor-related protein 1B levels
Low-density lipoprotein receptor-related protein 1B levels
Lysoalkenylphosphatidylethanolamine (P-18:0) levels
Mean corpuscular hemoglobin
Mean spheric corpuscular volume
Mean reticulocyte volume
Dyslipidemia
Metabolite peak levels (Q15502)
Myocardial infarction
Myocardial infarction
Non-HDL cholesterol levels
Non-HDL cholesterol levels

Non-HDL cholesterol levels
 Non-HDL cholesterol levels
 Plasma N-palmitoyl-sphinganine (d18:0/16:0) levels in chronic kidney disease
 Pain (pleiotropy)
 Palmitoyl dihydrosphingomyelin (d18:0/16:0) levels
 Palmitoyl sphingomyelin (d18:1/16:0) levels
 Palmitoyl sphingomyelin (d18:1/16:0) levels
 Alkenylphosphatidylcholine (P-17:0/20:4) (a) levels
 Alkenylphosphatidylcholine (P-17:0/20:4) (b) levels
 Alkenylphosphatidylcholine (P-18:0/20:4) levels
 Alkenylphosphatidylcholine (P-18:0/22:5) levels
 Alkenylphosphatidylcholine (P-18:0/22:6) levels
 Alkenylphosphatidylcholine (P-38:5) (b) levels
 Alkylphosphatidylcholine (O-18:0/22:6) levels
 Lysoalkenylphosphatidylcholine (P-16:0) levels
 Lysoalkenylphosphatidylcholine (P-18:0) levels
 Lysoalkylphosphatidylcholine (O-16:0) levels
 Lysoalkylphosphatidylcholine (O-18:0) levels
 Phosphatidylcholine (16:0_16:0) levels
 Phosphatidylcholine (16:1_18:2) levels
 Phosphatidylcholines levels (UKB data field 23437)
 Total Lysoalkenylphosphatidylcholine levels
 Total Phosphatidylcholine levels
 Alkenylphosphatidylethanolamine (P-16:0/20:3) (a) levels
 Alkenylphosphatidylethanolamine (P-16:0/20:3) (b) levels
 Alkenylphosphatidylethanolamine (P-17:0/20:4) (a) levels
 Alkenylphosphatidylethanolamine (P-17:0/20:4) (b) levels
 Alkenylphosphatidylethanolamine (P-17:0/22:6) (a) levels
 Alkenylphosphatidylethanolamine (P-18:0/18:1) levels
 Alkenylphosphatidylethanolamine (P-18:0/20:3) (a) levels
 Alkenylphosphatidylethanolamine (P-18:0/20:3) (b) levels
 Alkenylphosphatidylethanolamine (P-18:0/20:4) levels
 Alkenylphosphatidylethanolamine (P-18:0/20:5) levels
 Alkenylphosphatidylethanolamine (P-18:0/22:5) (n3) levels
 Alkenylphosphatidylethanolamine (P-18:0/22:5) (n6) levels
 Alkenylphosphatidylethanolamine (P-18:0/22:6) levels
 Alkenylphosphatidylethanolamine (P-18:1/20:3) (a) levels
 Alkenylphosphatidylethanolamine (P-18:1/20:3) (b) levels
 Alkenylphosphatidylethanolamine (P-19:0/20:4) (b) levels
 Total Alkenylphosphatidylethanolamine levels
 Total Lysoalkenylphosphatidylethanolamine levels
 Phosphoglucomutase-1 levels
 Phosphoglycerides levels (UKB data field 23434)
 Phospholipids in medium VLDL (UKB data field 23504)
 Phospholipids in very small VLDL (UKB data field 23518)
 Phospholipids to total lipids in chylomicrons and extremely large VLDL percentage (UKB data field 23618)
 Phospholipids to total lipids in medium LDL percentage (UKB data field 23619)

Phospholipids to total lipids in small LDL percentage (UKB data field 23624)
Phospholipids to total lipids in very small VLDL percentage (UKB data field 23604)
Phospholipids to total lipids ratio in LDL
Phospholipids to total lipids ratio in medium LDL
Phospholipids to total lipids ratio in small LDL
Phospholipids to total lipids ratio in very small VLDL
Plateletcrit
Polyunsaturated fatty acids levels (UKB data field 23446)
Pregnancy-specific beta-1-glycoprotein 5 levels (PSG5.9314.9.3)
Proteasome activator complex subunit 1 levels
Proteasome activator complex subunit 1 levels
Proteasome activator complex subunit 1 levels (PSME1.5918.5.3)
Pyridoxine-5-phosphate oxidase levels
Pseudokinase FAM20A levels (FAM20A.6433.57.3)
Pulse pressure
Pulse pressure
Pulse pressure
Pulse pressure
Pulse pressure
Pulse pressure
Quinone oxidoreductase-like protein 1 levels
Red cell distribution width
Red cell distribution width
Red cell distribution width
Red cell distribution width
Red cell distribution width
Response to statins (LDL cholesterol change)
High light scatter reticulocyte count
High light scatter reticulocyte percentage of red cells
Immature fraction of reticulocytes
Reticulocyte count
Reticulocyte count
Reticulocyte fraction of red cells
Reticulocyte fraction of red cells
Selenoprotein S levels (VIMP.11286.78.3)
Multi-trait sex score
Sonic hedgehog protein levels
Sphingomyelin (d18:1/14:0, d16:1/16:0) levels
Sphingomyelin (d18:1/15:0, d16:1/17:0) levels
Sphingomyelin (d18:1/17:0, d17:1/18:0, d19:1/16:0) levels
Sphingomyelin (d18:1/20:0, d16:1/22:0) levels
Sphingomyelin (d18:1/20:0, d16:1/22:0) levels
Sphingomyelin (d18:1/20:1, d18:2/20:0) levels
Sphingomyelin (d18:1/21:0, d17:1/22:0, d16:1/23:0) levels
Sphingomyelin (d18:1/22:1, d18:2/22:0, d16:1/24:1) levels
Sphingomyelin (d18:1/22:1, d18:2/22:0, d16:1/24:1) levels
Sphingomyelin (d18:2/23:0, d18:1/23:1, d17:1/24:1) levels

[illegible]

Tricosanoyl sphingomyelin (d18:1/23:0) levels	
Triglyceride levels	
Triglycerides	
Triglycerides	
Triglyceride levels in medium HDL	
Triglycerides in HDL (UKB data field 23410)	
Triglycerides in medium HDL (UKB data field 23571)	
Triglycerides to total lipids in very large VLDL percentage (UKB data field 23588)	
Serum levels of protein CCL4L1	1
Macrophage inflammatory protein 1b levels	1
C-C motif chemokine 14 levels (CCL14.2900.53.3)	1
Vacuolar protein sorting-associated protein 29 levels (VPS29.14318.1.3)	
Concentration of VLDL particles (UKB data field 23428)	
VLDL cholesterol levels (UKB data field 23403)	
Serum 25-Hydroxyvitamin D levels	
Serum 25-Hydroxyvitamin D levels	
Vitamin D levels	
X-24870 levels	
MHC class I polypeptide-related sequence A levels	
TRAIL levels	1
Scavenger receptor cysteine-rich type 1 protein M130 levels	
TRAIL levels	1
Sum basophil neutrophil counts	
C-reactive protein levels (MTAG)	
Sum neutrophil eosinophil counts	
Granulocyte count	
White blood cell count	
Neutrophil count	
Serum levels of protein CTF1	1
Serum levels of protein IFI16	1
Collectin-11 levels (COLEC11.4430.44.3)	
Inhibitor of growth protein 4 level in Chronic kidney disease with hyperten	1
Medication use (agents acting on the renin-angiotensin system)	
Medication use (agents acting on the renin-angiotensin system)	
Medication use for hypertension (number of purchases)	
Medication use (beta blocking agents)	
Serum levels of protein MMP7	
Serum levels of protein NBL1	
Blood urea nitrogen levels	
Blood urea nitrogen levels	
Blood urea nitrogen levels	
Medication use (calcium channel blockers)	
Cardiovascular disease	
Chronic kidney disease	
Chronic renal failure	
Estimated glomerular filtration rate (creatinine, CKDi25)	
Creatinine levels	

Creatinine levels	
Creatinine levels	
Creatinine levels (UKB data field 23478)	
Serum creatinine levels	
Diastolic blood pressure	
Medication use (diuretics)	
Estimated glomerular filtration rate	
Estimated glomerular filtration rate	
Estimated glomerular filtration rate	
Estimated glomerular filtration rate	
Estimated glomerular filtration rate	
Estimated glomerular filtration rate	
Estimated glomerular filtration rate	
Estimated glomerular filtration rate	
Estimated glomerular filtration rate (creatinine)	
Estimated glomerular filtration rate (creatinine)	
Estimated glomerular filtration rate (creatinine)	
Estimated glomerular filtration rate (cystatin c)	
Estimated glomerular filtration rate in non-diabetics	
Glomerular filtration rate	
Glomerular filtration rate	
Glomerular filtration rate	
Glomerular filtration rate	
Glomerular filtration rate (creatinine)	
Kidney volume	
Lymphocyte count	
Mean arterial pressure	
Kidney stones	
Kidney stones	
Kidney injury molecule 1 levels	
Systolic blood pressure	
Systolic blood pressure	
Urate levels	
Urate levels	
Urolithiasis	
Serum uromodulin levels (antibody-based assay)	
Serum levels of protein CCL15	1
Serum 25-Hydroxyvitamin D levels	
Serum 25-Hydroxyvitamin D levels	
Serum 25-Hydroxyvitamin D levels	
Hemoglobin concentration	
Arthritis (juvenile idiopathic)	
Interleukin-1-receptor antagonist levels	1
Interleukin-1-receptor antagonist levels	1
Tumor necrosis factor receptor superfamily member 16 levels (NGFR.8949.3.3)	
White blood cell count	
Basophil count	

Neutrophil count
Coronary artery disease
Hemoglobin
High density lipoprotein cholesterol levels
White blood cell count
LDL cholesterol levels
Low-density lipoprotein levels (MTAG)
Mean corpuscular hemoglobin
Red cell distribution width
Iron status biomarkers (iron levels)
Iron status biomarkers (total iron binding capacity)
Iron status biomarkers (transferrin saturation)
Lysoalkylphosphatidylcholine (O-24:1) levels
Tumor necrosis factor receptor superfamily member 16 levels (NGFR.8949.3.3)
Medication use (antithrombotic agents)
Body fat percentage or heart failure (MTAG)
Body mass index
Coffee consumption
Obstructive sleep apnea
LDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
LDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
LDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
LDL cholesterol levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Triglyceride levels x alcohol consumption (drinkers vs non-drinkers) interaction (2df)
Apolipoprotein A1 levels
Cholesterol in large HDL (UKB data field 23561)
Cholesteryl esters in HDL (UKB data field 23418)
Cholesteryl esters in large HDL (UKB data field 23562)
Multi-trait sum score
Multi-trait sum score
Free cholesterol to total lipids in medium HDL percentage (UKB data field 23642)
Free cholesterol to total lipids in very large HDL percentage (UKB data field 23632)
Concentration of large HDL particles (UKB data field 23558)
HDL cholesterol
HDL cholesterol
HDL cholesterol
HDL cholesterol levels
HDL cholesterol levels
HDL cholesterol levels
HDL cholesterol levels

HDL cholesterol levels
HDL cholesterol levels
HDL cholesterol levels
HDL cholesterol levels (UKB data field 23406)
HDL cholesterol levels in current drinkers
HDL cholesterol levels in current drinkers
HDL cholesterol levels in current drinkers
HDL cholesterol levels in current drinkers
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
High density lipoprotein cholesterol levels
Lipid traits
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
HDL cholesterol levels x alcohol consumption (regular vs non-regular drinkers) interaction (2df)
LDL (standard GWA)
LDL (weighted GWA)
LDL cholesterol levels
LDL cholesterol levels
Phospholipids in large HDL (UKB data field 23560)
Multi-trait sex score
Multi-trait sex score
Total cholesterol levels
Total cholesterol levels
Total lipids in large HDL (UKB data field 23559)
Triglyceride levels in current drinkers
Triglyceride levels in current drinkers
Triglycerides
Triglycerides

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18_0_LPE)

!_36:3_[M+NH4]1+ lev
!_38:5_[M+NH4]1+ lev
!_40:5_[M+NH4]1+ lev
!_40:7_[M+NH4]1+ lev
!_42:7_[M+NH4]1+ lev

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323_5)
21569_49)

21_50)
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Supplementary Table S2: numt

Cytokine	Frequency
bNGF	2
CCL27/CTACK	1
CCL11/eotaxin-	12
FGF-b	5
G-CSF/CSF-3	3
CXCL1/GROa	7
HGF	9
IFNg	9
IL-10	2
IL-13	1
IL-16	11
IL-17	1
IL-18	8
IL-1b	4
IL-1ra	5
IL-2	5
IL-2ra	1
IL-4	3
IL-5	1
IL-6	2
IL-7	2
CXCL8/IL-8	7
IL-9	3
CXCL10/IP-10	5
M-CSF/CSF-1	17
CCL2/MCP-1	5
CCL7/MCP-3	4
MIF	1
CXCL9/MIG	6
CCL3/MIP-1a	6
CCL4/MIP-1b	4
PDGFbb	20
RANTES	6
SCF	20
SCGF-b	22
CXCL12/SDF-1a	11
TNF-a	1
TNF-b	2
TRAIL	8
VEGF	6
Sum	248
Median	5
Min	1
Max	22