

Supplementary Table 1. Top 65 associated SNP pairs

SNP1	SNP2	GENEVA		IPM		Combined P value ^a
		OR	P value	OR	P value	
rs4947941	rs7785013	0.914	9.41E-07	0.777	1.73E-06	4.84E-10
rs729715	rs797518	1.168	1.37E-06	1.281	2.48E-02	1.15E-07
rs12668947	rs10240204	0.867	2.94E-06	0.848	7.46E-02	5.67E-07
rs17193049	rs11624333	1.140	2.27E-05	1.347	4.49E-03	7.65E-07
rs7108496	rs4298915	0.868	6.96E-07	0.973	6.96E-01	1.54E-06
rs16854403	rs7652606	1.186	1.72E-06	NA	NA	1.72E-06
rs17377867	rs2289843	0.852	9.02E-06	0.892	2.25E-01	4.45E-06
rs12481033	rs3843773	1.121	3.91E-05	1.166	4.07E-02	5.10E-06
rs2754820	rs13200680	0.851	1.75E-05	0.857	1.44E-01	5.74E-06
rs2741366	rs6022643	0.875	4.22E-07	1.067	4.63E-01	6.21E-06
rs895394	rs660721	1.064	6.54E-06	NA	NA	6.54E-06
rs17193049	rs17828907	1.148	6.66E-06	NA	NA	6.66E-06
rs9484785	rs12528289	0.925	3.21E-05	0.917	8.07E-02	6.70E-06
rs4978374	rs2439649	0.937	3.59E-05	0.929	7.72E-02	7.27E-06
rs9676784	rs12608562	1.089	1.69E-05	1.054	2.66E-01	9.60E-06
rs6856354	rs11100039	1.097	2.71E-06	1.001	9.89E-01	9.68E-06
rs1078868	rs619429	0.934	1.25E-05	NA	NA	1.25E-05
rs4472929	rs11021956	1.114	2.08E-05	1.101	2.92E-01	1.28E-05
rs2371864	rs2036072	1.075	1.35E-05	NA	NA	1.35E-05
rs12554508	rs10974470	1.091	1.42E-05	NA	NA	1.42E-05
rs12928191	rs7201173	1.145	4.16E-06	0.995	9.50E-01	1.60E-05
rs13270346	rs17740942	1.099	1.66E-05	NA	NA	1.66E-05
rs4376484	rs7015740	0.939	1.72E-05	NA	NA	1.72E-05
rs17149180	rs17819187	1.195	2.86E-05	1.102	2.98E-01	1.78E-05
rs7494050	rs12101174	0.897	2.04E-05	NA	NA	2.04E-05
rs16875546	rs2281449	1.130	1.00E-05	1.022	7.77E-01	2.08E-05
rs12429883	rs3794376	0.914	2.84E-05	0.945	3.67E-01	2.18E-05
rs658854	rs6134038	0.932	2.43E-05	0.969	4.78E-01	2.50E-05
rs4833421	rs29319	0.914	4.14E-05	0.937	3.06E-01	2.61E-05
rs2684289	rs9283561	1.133	3.01E-05	NA	NA	3.01E-05
rs7552202	rs2805452	0.934	3.08E-05	NA	NA	3.08E-05
rs12545416	rs6988366	1.069	1.11E-05	1.002	9.52E-01	3.19E-05
rs917880	rs7788786	1.092	3.38E-05	NA	NA	3.38E-05
rs6808352	rs2686315	1.141	3.41E-05	NA	NA	3.41E-05
rs10505743	rs4764187	0.873	4.19E-05	NA	NA	4.19E-05
rs12128325	rs1002480	1.076	2.90E-05	1.022	6.45E-01	4.25E-05
rs11062544	rs10491966	0.876	4.39E-06	1.069	3.93E-01	5.37E-05
rs12595780	rs10520750	0.918	1.30E-05	1.015	7.91E-01	5.84E-05

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Supplementary Table 1. Continued

SNP1	SNP2	GENEVA		IPM		Combined <i>P</i> value ^a
		OR	<i>P</i> value	OR	<i>P</i> value	
rs251412	rs875214	1.167	3.55E-05	1.033	7.26E-01	6.00E-05
rs17813455	rs10879039	1.085	4.29E-05	1.024	6.57E-01	6.25E-05
rs17610159	rs997264	0.837	3.07E-05	0.962	8.38E-01	6.46E-05
rs41377246	rs4951095	0.907	1.93E-05	1.006	9.28E-01	6.49E-05
rs1528198	rs13325751	0.909	3.64E-05	0.992	9.12E-01	8.60E-05
rs2815122	rs11961538	1.068	4.59E-06	0.951	2.37E-01	8.85E-05
rs17825727	rs2929576	0.879	1.99E-05	1.033	7.44E-01	9.28E-05
rs10869704	rs927632	1.079	1.98E-05	0.981	7.03E-01	9.96E-05
rs1055640	rs10742177	0.924	1.85E-06	1.087	7.23E-02	1.01E-04
rs2035546	rs7973136	0.924	2.57E-05	1.014	7.81E-01	1.08E-04
rs10977624	rs7049205	1.107	2.41E-05	0.980	7.42E-01	1.10E-04
rs11087123	rs1233744	0.928	5.64E-05	0.992	8.60E-01	1.17E-04
rs6112589	rs200184	0.928	2.92E-05	1.014	7.68E-01	1.24E-04
rs12149938	rs12446064	0.909	3.79E-05	1.012	8.77E-01	1.29E-04
rs1316257	rs10803338	1.083	2.10E-05	0.972	5.46E-01	1.42E-04
rs11914507	rs10490792	0.840	3.39E-06	1.229	7.77E-02	1.54E-04
rs221293	rs9654709	1.073	2.54E-05	0.970	5.09E-01	1.80E-04
rs12360734	rs11234251	0.889	4.95E-05	1.023	7.61E-01	1.99E-04
rs17698379	rs4234669	0.902	2.68E-06	1.139	3.09E-02	2.17E-04
rs9881055	rs4858379	1.099	2.11E-05	0.944	3.20E-01	2.40E-04
rs10452272	rs17054576	0.915	4.22E-05	1.037	5.40E-01	2.60E-04
rs9844784	rs4234669	0.909	5.88E-06	1.117	5.65E-02	2.86E-04
rs7973972	rs2082529	0.880	3.11E-05	1.119	7.92E-02	8.54E-04
rs7973972	rs12823670	0.880	4.10E-05	1.130	5.62E-02	1.27E-03
rs4904516	rs10132162	0.928	4.12E-05	1.111	2.30E-02	1.93E-03
rs428321	rs7652606	1.171	4.15E-05	0.779	2.23E-02	1.97E-03
rs10508964	rs11815205	0.906	1.28E-05	1.202	2.14E-03	2.07E-03

SNP, single nucleotide polymorphism; GENEVA, Gene Environment Association Studies initiative in Type 2 Diabetes; IPM, Biobank Program of the Institute of Personalized Medicine; OR, odds ratio; NA, not available.

^aMeta-analyses results by using two genome-wide association study samples.