Table S1 Traits and reasons of excluded SNPs

Excluded SNPs	Trait	Reason	PMID
rs597808	Diastolic blood pressure x alcohol consumption interaction; Systemic lupus erythematosus; Hematocrit; Smoking status (ever vs never smokers); Apolipoprotein B levels; Low density lipoprotein cholesterol levels; LDL cholesterol levels; Allergic disease (asthma, hay fever and/or eczema) (age of onset); Lymphocyte Absolute Count; Colorectal cancer; Colorectal cancer; Hemoglobin; Whole brain restricted isotropic diffusion (multivariate analysis); Lymphocyte-to-monocyte ratio; Diastolic blood pressure; Total cholesterol levels; Mean corpuscular hemoglobin; Total cholesterol levels; Low-density lipoprotein levels (MTAG); Waist-hip ratio; High-density lipoprotein levels (MTAG); Colorectal cancer or advanced adenoma;Gastroesophageal reflux disease; Systolic blood pressure x alcohol consumption interaction (2df test); Hemoglobin concentration; Hemoglobin concentration; Allergic rhinitis; Hypothyroidism	This SNP is associated with blood pressure, thyroid function, BMI and other factors, which have been confirmed to be associated with a variety of pregnancy complications.	27094586; 34752500; 31932287; 34392166; 35255260; 31002708; 26665567; 26837268; 10447017; 31429897
rs6679677	Anti-neutrophil antibody associated vasculitis; systemic juvenile idiopathic arthritis, polyarticular juvenile idiopathic arthritis, rheumatoid factor negative, oligoarticular juvenile idiopathic arthritis; monokine induced by gamma interferon measurement; obsolete_systemic lupus erythematosus; event free survival time, type 1 diabetes mellitus, autoantibody measurement; event free survival time, type 1 diabetes mellitus, autoantibody measurement; basophil percentage of leukocytes; systemic scleroderma, rheumatoid arthritis, myositis, obsolete_systemic lupus erythematosus; autoimmune thyroid disease, obsolete_common variable immunodeficiency, type 1 diabetes mellitus, ankylosing spondylitis, psoriasis, celiac disease, obsolete_systemic lupus erythematosus, ulcerative colitis, Crohn's disease, autoimmune disease, juvenile idiopathic arthritis; rheumatoid arthritis, celiac disease; type 1 diabetes mellitus; rheumatoid arthritis; type 1 diabetes mellitus; rheumatoid arthritis; type 1 diabetes mellitus; temporal arteritis; keratinocyte carcinoma; hypothyroidism; Crohn's disease; obsolete_systemic	In addition to SLE, this SNP is also associated with a variety of immune systemic diseases. It has also been confirmed to be associated with diabetes, so it was excluded.	36578485; 30189769; 31776579; 29356835; 33803995

	lupus erythematosus; juvenile idiopathic arthritis; rheumatoid arthritis, ulcerative colitis; monocyte count; neutrophil count; Immunosuppressant use measurement; lymphocyte count; rheumatoid arthritis; rheumatoid arthritis; rheumatoid arthritis, ACPA-positive rheumatoid arthritis, rheumatoid factor seropositivity measurement; alkaline phosphatase measurement; platelet-to-lymphocyte ratio; non-melanoma skin carcinoma; neutrophil count; juvenile idiopathic arthritis; Immunosuppressant use measurement;		
rs389884	Idiopathic membranous nephropathy; Hematology traits; Sarcoidosis (Lofgren's syndrome vs non-Lofgren's syndrome); Serum levels of protein FTMT; Inguinal hernia	Kidney disease may lead to nephrogenic hypertension, which in turn affects pregnancy.	34392166; 32097941
rs58721818	Rheumatoid arthritis (ACPA-positive); Systemic lupus erythematosus; Systemic seropositive rheumatic diseases (Systemic sclerosis or systemic lupus erythematosus or rheumatoid arthritis or idiopathic inflammatory myopathies); Autoimmune traits (pleiotropy); Rheumatoid arthritis	This SNP is associated with RA. RA has been shown to be a high risk factor for a variety of pregnancy complications.	31776579; 30189769; 36578485
rs7097397	Systemic lupus erythematosus; Rheumatoid arthritis; Primary biliary cholangitis	This SNP is associated with RA. RA has been shown to be a high risk factor for a variety of pregnancy complications.	

Table S2 Characteristics of each method used in this study

Method	Characteristic
Inverse-variance weighted	The IVW method was primarily employed for fundamental causal estimates, which would provide the most precise results when all selected SNPs were valid IVs. The IVW method calculates a weighted average of Wald ratio estimates.
MR-Egger	Under the assumption of Instrument Strength Independent of Direct Effect (InSIDE), the MR-Egger regression executes a weighted linear regression and yields a consistent causal estimate, even though the genetic IVs are all invalid. (It exhibits low precision and is susceptible to outlying genetic variants.
Weighted median	The Weighted Median regression method, which does not demand the InSIDE hypothesis, calculates a weighted median of the Wald ratio estimates and is robust to horizontal pleiotropic bias. It is confirmed that the Weighted Median method has some advantages over the MR-Egger regression, as it provides lower type I error and higher causal estimate power.
Weighted Mode	The Weighted Mode method estimates the causal effect of the subset with the largest number of SNPs by clustering the SNPs into subsets resting on the resemblance of causal effects.
Maximum likelihood	The ML method is similar to IVW, assuming that heterogeneity and horizontal pleiotropy do not exist. If the hypotheses are satisfied, the results will be unbiased, and the standard errors will be smaller than IVW.
MR-PRESSO	The MR Pleiotropy REsidual Sum and Outlier (MR-PRESSO) test was additionally conducted to evaluate whether pleiotropy was present. Its functions include detecting horizontal pleiotropy, correcting for horizontal pleiotropy by removing outlier, and determining whether there are substantial variations in the causal effects before and after outlier removal.

Table S3 Mendelian randomization analysis of Systemic lupus erythematosus and gestational diabetes mellitus.

SNP	A1	A2	EAF	Systemic lupus erythematosus					Gestational diabetes mellitus		
				Beta	SE	P-val	R²	F	Beta	SE	P-val
rs10048743	T	G	0.137	-0.231	0.041	2.04E-08	0.013	296.577	0.009625	0.018269	0.598303
rs10200680	T	C	0.143	-0.248	0.042	4.96E-09	0.015	355.210	0.020738	0.018686	0.267074
rs1078324	A	C	0.051	-0.713	0.078	7.11E-20	0.049	1201.152	0.024159	0.035024	0.490335
rs10912578	G	A	0.682	-0.247	0.031	1.65E-15	0.026	630.842	-0.02233	0.01512	0.139713
rs12094036	C	T	0.923	-0.329	0.058	1.37E-08	0.015	362.648	-0.02176	0.024372	0.372046
rs12524498	T	G	0.019	-0.673	0.121	2.48E-08	0.017	398.580	0.005189	0.050624	0.918358
rs13136219	T	C	0.377	-0.174	0.028	3.50E-10	0.014	334.824	0.005826	0.014598	0.68982
rs13332649	G	A	0.783	-0.315	0.038	5.43E-17	0.034	809.854	0.006998	0.015595	0.653633
rs1464446	T	G	0.183	-0.329	0.04	2.79E-16	0.032	776.286	-0.02131	0.018523	0.249977
rs150180633	T	C	0.014	0.928	0.069	2.66E-41	0.024	565.222	0.221514	0.114274	0.052569
rs17849501	T	C	0.051	0.811	0.05	1.81E-59	0.064	1578.029	0.000292	0.036473	0.993612
rs2431697	C	T	0.561	-0.223	0.029	2.60E-14	0.024	582.740	-0.00755	0.014417	0.600358
rs2459611	T	C	0.107	0.261	0.045	7.62E-09	0.013	306.108	-0.01304	0.031674	0.680586
rs2573219	C	A	0.907	0.588	0.043	1.13E-42	0.058	1437.516	0.00798	0.025391	0.753297
rs268124	T	C	0.269	0.186	0.032	8.60E-09	0.014	320.120	0.001641	0.014505	0.909907
rs34703115	C	T	0.968	-0.616	0.105	4.08E-09	0.024	558.709	-0.00346	0.038187	0.927855
rs35000415	T	C	0.114	0.588	0.042	1.86E-45	0.070	1742.628	0.022216	0.019623	0.257588
rs35251378	A	G	0.291	-0.236	0.032	3.61E-13	0.023	545.919	-0.01637	0.015951	0.304617
rs353608	G	A	0.528	0.186	0.028	2.93E-11	0.017	407.215	-0.01317	0.014024	0.347495
rs3747093	A	G	0.212	0.262	0.035	2.88E-14	0.023	544.765	0.014417	0.015213	0.343313
rs4388254	T	C	0.049	0.378	0.06	3.71E-10	0.013	313.220	0.012529	0.022187	0.57229
rs4661543	G	T	0.874	0.274	0.042	9.40E-11	0.017	390.204	0.033691	0.028085	0.230284
rs4916215	T	C	0.264	0.223	0.034	5.07E-11	0.019	457.335	0.036145	0.018089	0.045692
rs58688157	G	A	0.738	-0.223	0.034	2.97E-11	0.019	455.060	-0.02943	0.017379	0.09034
rs6671847	A	G	0.48	0.199	0.029	6.64E-12	0.020	468.048	0.003283	0.014089	0.815731
rs6889239	C	T	0.747	0.278	0.032	2.19E-18	0.029	698.351	0.006941	0.015536	0.655019
rs73050535	T	C	0.022	-0.713	0.124	9.11E-09	0.022	519.056	-0.00278	0.098684	0.977503
rs73068668	A	G	0.076	-0.315	0.057	4.40E-08	0.014	327.997	-0.03002	0.025575	0.240487
rs7768653	T	C	0.398	-0.207	0.03	3.11E-12	0.021	486.517	-0.00117	0.014237	0.934775
rs7823055	T	G	0.424	-0.351	0.029	1.64E-34	0.060	1486.019	-0.02494	0.01415	0.078012
rs9852014	G	A	0.926	0.621	0.049	2.26E-36	0.053	1295.017	0.00515	0.025905	0.842417

Table S4 Mendelian randomization analysis of Systemic lupus erythematosus and preeclampsia-eclampsia.

SNP	A1	A2	EAF	Systemic lupus erythematosus			Preeclampsia-eclampsia		
				Beta	SE	P-val	Beta	SE	P-val
rs10048743	T	G	0.137	-0.231	0.041	2.04E-08	0.005716	0.023428	0.807232
rs10200680	T	C	0.143	-0.248	0.042	4.96E-09	0.033454	0.023927	0.162064
rs1078324	A	C	0.051	-0.713	0.078	7.11E-20	-0.06477	0.045369	0.153402
rs10912578	G	A	0.682	-0.247	0.031	1.65E-15	0.004533	0.019392	0.815169
rs12094036	C	T	0.923	-0.329	0.058	1.37E-08	-0.02816	0.031165	0.366154
rs12524498	T	G	0.019	-0.673	0.121	2.48E-08	-0.04805	0.064805	0.458376
rs13136219	T	C	0.377	-0.174	0.028	3.50E-10	-0.00974	0.018704	0.602704
rs13332649	G	A	0.783	-0.315	0.038	5.43E-17	-0.01584	0.02005	0.429589
rs1464446	T	G	0.183	-0.329	0.04	2.79E-16	-0.00336	0.023755	0.887373
rs150180633	T	C	0.014	0.928	0.069	2.66E-41	-0.08987	0.147357	0.541947
rs17849501	T	C	0.051	0.811	0.05	1.81E-59	-0.00096	0.046817	0.983699
rs2431697	C	T	0.561	-0.223	0.029	2.60E-14	0.01095	0.018496	0.553823
rs2459611	T	C	0.107	0.261	0.045	7.62E-09	0.084573	0.040736	0.037881
rs2573219	C	A	0.907	0.588	0.043	1.13E-42	0.040927	0.032574	0.208971
rs268124	T	C	0.269	0.186	0.032	8.60E-09	-0.00111	0.018596	0.952402
rs34703115	C	T	0.968	-0.616	0.105	4.08E-09	-0.03521	0.049227	0.474441
rs35000415	T	C	0.114	0.588	0.042	1.86E-45	0.021733	0.025126	0.387068
rs35251378	A	G	0.291	-0.236	0.032	3.61E-13	-0.01245	0.020522	0.544023
rs353608	G	A	0.528	0.186	0.028	2.93E-11	-0.0081	0.018014	0.652904
rs4388254	T	C	0.049	0.378	0.06	3.71E-10	-0.00677	0.028446	0.811789
rs4661543	G	T	0.874	0.274	0.042	9.40E-11	-0.00512	0.036337	0.887915
rs4916215	T	C	0.264	0.223	0.034	5.07E-11	-0.00978	0.023282	0.674335
rs58688157	G	A	0.738	-0.223	0.034	2.97E-11	0.010517	0.022384	0.638459
rs6671847	A	G	0.48	0.199	0.029	6.64E-12	0.011963	0.018087	0.508362
rs6889239	C	T	0.747	0.278	0.032	2.19E-18	-0.01652	0.019969	0.408067
rs73050535	T	C	0.022	-0.713	0.124	9.11E-09	-0.16493	0.12813	0.198022
rs7768653	T	C	0.398	-0.207	0.03	3.11E-12	0.014995	0.018241	0.411052
rs7823055	T	G	0.424	-0.351	0.029	1.64E-34	0.01959	0.018157	0.280636
rs9852014	G	A	0.926	0.621	0.049	2.26E-36	-0.02337	0.033193	0.481332

Table S5 Mendelian randomization analysis of Systemic lupus erythematosus and premature rupture of membranes.

SNP	A1	A2	EAF	Systemic lupus erythematosus			Premature rupture of membranes		
				Beta	SE	P-val	Beta	SE	P-val
rs10048743	T	G	0.137	-0.231	0.041	2.04E-08	0.006133	0.024507	0.802399
rs10200680	T	C	0.143	-0.248	0.042	4.96E-09	0.014457	0.025154	0.56546
rs1078324	A	C	0.051	-0.713	0.078	7.11E-20	-0.04237	0.046615	0.363398
rs10912578	G	A	0.682	-0.247	0.031	1.65E-15	0.024504	0.020241	0.226051
rs12094036	C	T	0.923	-0.329	0.058	1.37E-08	0.013251	0.03267	0.685045
rs12524498	T	G	0.019	-0.673	0.121	2.48E-08	0.073457	0.067394	0.275727
rs13136219	T	C	0.377	-0.174	0.028	3.50E-10	-0.01014	0.019541	0.603919
rs13332649	G	A	0.783	-0.315	0.038	5.43E-17	0.000213	0.020912	0.991888
rs1464446	T	G	0.183	-0.329	0.04	2.79E-16	-0.00744	0.02477	0.763802
rs150180633	T	C	0.014	0.928	0.069	2.66E-41	0.155524	0.150131	0.300238
rs17849501	T	C	0.051	0.811	0.05	1.81E-59	0.089289	0.049099	0.068978
rs2431697	C	T	0.561	-0.223	0.029	2.60E-14	-0.00492	0.019303	0.798668
rs2459611	T	C	0.107	0.261	0.045	7.62E-09	0.056084	0.04237	0.185612
rs2573219	C	A	0.907	0.588	0.043	1.13E-42	0.022933	0.033975	0.499671
rs268124	T	C	0.269	0.186	0.032	8.60E-09	0.000157	0.019429	0.993552
rs34703115	C	T	0.968	-0.616	0.105	4.08E-09	-0.07316	0.050749	0.149419
rs35000415	T	C	0.114	0.588	0.042	1.86E-45	0.060834	0.026175	0.020121
rs35251378	A	G	0.291	-0.236	0.032	3.61E-13	-0.01575	0.021312	0.459896
rs353608	G	A	0.528	0.186	0.028	2.93E-11	0.047453	0.018797	0.011587
rs3747093	A	G	0.212	0.262	0.035	2.88E-14	-0.0158	0.020406	0.438827
rs4388254	T	C	0.049	0.378	0.06	3.71E-10	-0.00135	0.029613	0.96356
rs4661543	G	T	0.874	0.274	0.042	9.40E-11	-0.02242	0.037636	0.551437
rs4916215	T	C	0.264	0.223	0.034	5.07E-11	0.034097	0.02419	0.158684
rs58688157	G	A	0.738	-0.223	0.034	2.97E-11	0.014694	0.023243	0.527252
rs6671847	A	G	0.48	0.199	0.029	6.64E-12	0.016843	0.018846	0.371473
rs6889239	C	T	0.747	0.278	0.032	2.19E-18	-0.01606	0.020784	0.439764
rs73050535	T	C	0.022	-0.713	0.124	9.11E-09	-0.1249	0.129485	0.334769
rs73068668	A	G	0.076	-0.315	0.057	4.40E-08	0.003548	0.034349	0.917728
rs7768653	T	C	0.398	-0.207	0.03	3.11E-12	0.030248	0.019066	0.112623
rs7823055	T	G	0.424	-0.351	0.029	1.64E-34	-0.02883	0.018951	0.128153
rs9852014	G	A	0.926	0.621	0.049	2.26E-36	-0.0224	0.034582	0.517242

Table S6 Mendelian randomization analysis of Systemic lupus erythematosus and polyhydramnios.

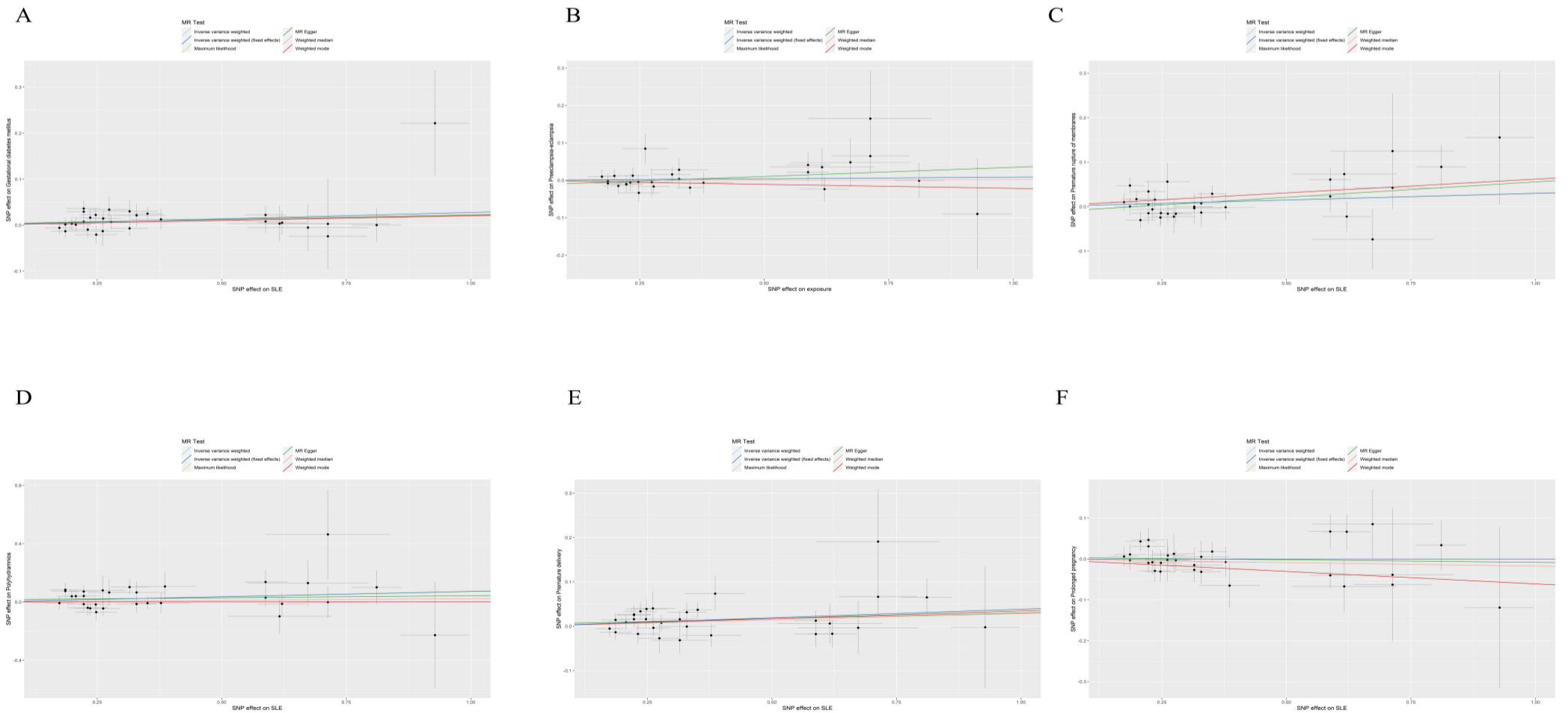| SNP	A1	A2	EAF	Systemic lupus erythematosus			Polyhydramnios		
				Beta	SE	P-val	Beta	SE	P-val
rs10048743	T	G	0.137	-0.231	0.041	2.04E-08	0.039275	0.057428	0.494042
rs10200680	T	C	0.143	-0.248	0.042	4.96E-09	0.069687	0.058502	0.233579
rs1078324	A	C	0.051	-0.713	0.078	7.11E-20	0.000592	0.111033	0.995743
rs10912578	G	A	0.682	-0.247	0.031	1.65E-15	0.016346	0.047595	0.731274
rs12094036	C	T	0.923	-0.329	0.058	1.37E-08	-0.06628	0.076466	0.386082
rs12524498	T	G	0.019	-0.673	0.121	2.48E-08	-0.13001	0.158298	0.411476
rs13136219	T	C	0.377	-0.174	0.028	3.50E-10	0.007303	0.045798	0.873312
rs13332649	G	A	0.783	-0.315	0.038	5.43E-17	-0.10254	0.048895	0.035977
rs1464446	T	G	0.183	-0.329	0.04	2.79E-16	0.013506	0.058117	0.816231
rs150180633	T	C	0.014	0.928	0.069	2.66E-41	-0.22697	0.363886	0.532801
rs17849501	T	C	0.051	0.811	0.05	1.81E-59	0.101186	0.115397	0.380571
rs2431697	C	T	0.561	-0.223	0.029	2.60E-14	-0.07211	0.045351	0.111816
rs2459611	T	C	0.107	0.261	0.045	7.62E-09	0.080092	0.099685	0.421715
rs2573219	C	A	0.907	0.588	0.043	1.13E-42	0.137836	0.079978	0.084811
rs268124	T	C	0.269	0.186	0.032	8.60E-09	0.084511	0.045577	0.063705
rs28361029	A	G	0.07	-0.386	0.061	3.27E-10	-0.10698	0.101533	0.292068
rs34703115	C	T	0.968	-0.616	0.105	4.08E-09	0.09825	0.118857	0.40845
rs35000415	T	C	0.114	0.588	0.042	1.86E-45	0.03045	0.061599	0.621075
rs35251378	A	G	0.291	-0.236	0.032	3.61E-13	0.043253	0.050145	0.388376
rs353608	G	A	0.528	0.186	0.028	2.93E-11	0.075051	0.044028	0.088265
rs3747093	A	G	0.212	0.262	0.035	2.88E-14	-0.04412	0.047793	0.355903
rs4388254	T	C	0.049	0.378	0.06	3.71E-10	-0.00684	0.069857	0.92202
rs4661543	G	T	0.874	0.274	0.042	9.40E-11	0.065768	0.08885	0.459171
rs4916215	T	C	0.264	0.223	0.034	5.07E-11	-0.01428	0.056714	0.801204
rs58688157	G	A	0.738	-0.223	0.034	2.97E-11	-0.04169	0.054918	0.447794
rs6671847	A	G	0.48	0.199	0.029	6.64E-12	0.039654	0.044214	0.369798
rs73050535	T	C	0.022	-0.713	0.124	9.11E-09	-0.46396	0.307349	0.13116
rs7768653	T	C	0.398	-0.207	0.03	3.11E-12	-0.04051	0.04468	0.364642
rs7823055	T	G	0.424	-0.351	0.029	1.64E-34	0.007517	0.044482	0.865799
rs9852014	G	A	0.926	0.621	0.049	2.26E-36	-0.01237	0.082233	0.880447

Table S7 Mendelian randomization analysis of Systemic lupus erythematosus and premature delivery.

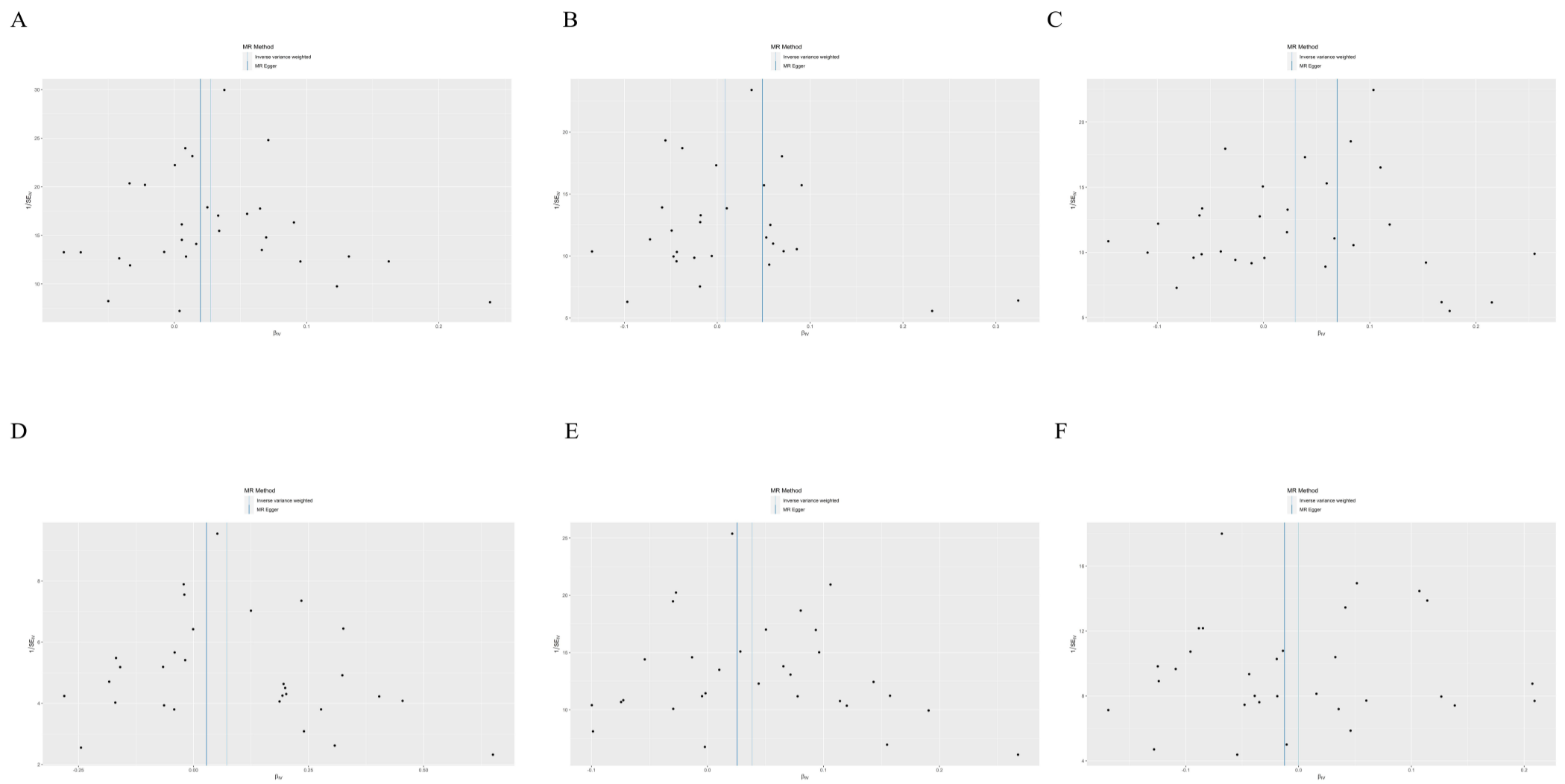| SNP	A1	A2	EAF	Systemic lupus erythematosus			Premature delivery		
				Beta	SE	P-val	Beta	SE	P-val
rs10048743	T	G	0.137	-0.231	0.041	2.04E-08	0.017198	0.021622	0.426384
rs10200680	T	C	0.143	-0.248	0.042	4.96E-09	-0.03902	0.022079	0.07716
rs1078324	A	C	0.051	-0.713	0.078	7.11E-20	-0.06658	0.042	0.112939
rs10912578	G	A	0.682	-0.247	0.031	1.65E-15	-0.01617	0.017895	0.36626
rs12094036	C	T	0.923	-0.329	0.058	1.37E-08	0.000555	0.028751	0.984586
rs12524498	T	G	0.019	-0.673	0.121	2.48E-08	0.003134	0.060128	0.958433
rs13136219	T	C	0.377	-0.174	0.028	3.50E-10	0.005136	0.017256	0.765976
rs13332649	G	A	0.783	-0.315	0.038	5.43E-17	-0.01588	0.018522	0.391255
rs1464446	T	G	0.183	-0.329	0.04	2.79E-16	-0.03168	0.021893	0.147908
rs150180633	T	C	0.014	0.928	0.069	2.66E-41	-0.0021	0.137319	0.987793
rs17849501	T	C	0.051	0.811	0.05	1.81E-59	0.065193	0.043435	0.133373
rs2431697	C	T	0.561	-0.223	0.029	2.60E-14	-0.01596	0.017059	0.349513
rs2459611	T	C	0.107	0.261	0.045	7.62E-09	0.04041	0.037516	0.281416
rs2573219	C	A	0.907	0.588	0.043	1.13E-42	-0.01747	0.03019	0.562727
rs268124	T	C	0.269	0.186	0.032	8.60E-09	-0.01349	0.017156	0.431566
rs34703115	C	T	0.968	-0.616	0.105	4.08E-09	-0.00628	0.045635	0.890499
rs35000415	T	C	0.114	0.588	0.042	1.86E-45	0.012536	0.023166	0.588402
rs35251378	A	G	0.291	-0.236	0.032	3.61E-13	-0.03379	0.018971	0.074862
rs353608	G	A	0.528	0.186	0.028	2.93E-11	0.014457	0.016634	0.384773
rs3747093	A	G	0.212	0.262	0.035	2.88E-14	-0.00347	0.017963	0.846667
rs4388254	T	C	0.049	0.378	0.06	3.71E-10	-0.02043	0.026236	0.436131
rs4661543	G	T	0.874	0.274	0.042	9.40E-11	-0.02704	0.033753	0.423122
rs4916215	T	C	0.264	0.223	0.034	5.07E-11	0.026777	0.021528	0.213569
rs58688157	G	A	0.738	-0.223	0.034	2.97E-11	-0.02547	0.020703	0.218619
rs6889239	C	T	0.747	0.278	0.032	2.19E-18	0.007889	0.01842	0.668447
rs73050535	T	C	0.022	-0.713	0.124	9.11E-09	-0.19089	0.117171	0.103282
rs73068668	A	G	0.076	-0.315	0.057	4.40E-08	0.03141	0.030269	0.299411
rs7768653	T	C	0.398	-0.207	0.03	3.11E-12	-0.00914	0.016843	0.587511
rs7823055	T	G	0.424	-0.351	0.029	1.64E-34	-0.03723	0.01676	0.026333
rs9852014	G	A	0.926	0.621	0.049	2.26E-36	-0.01686	0.030687	0.582787

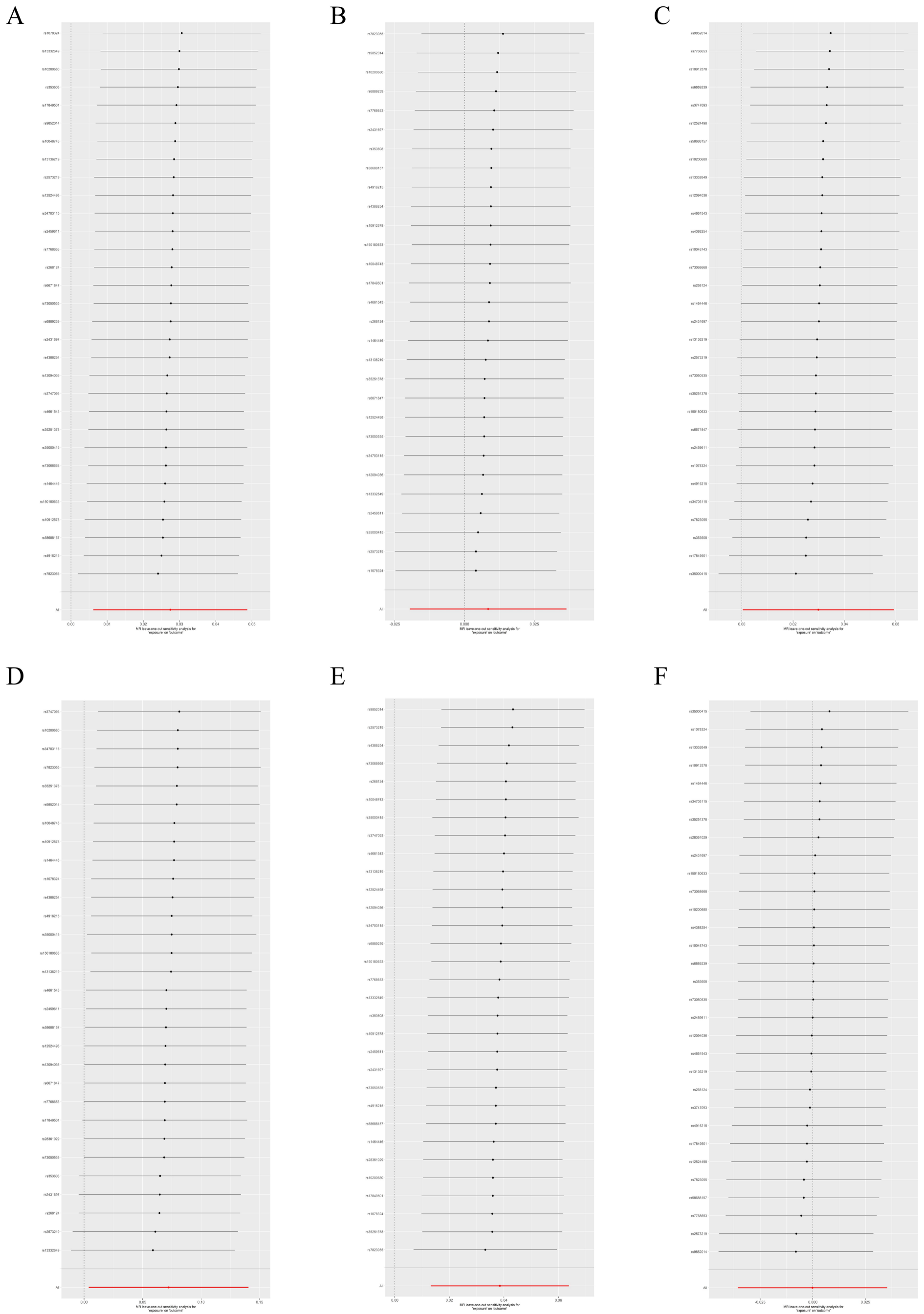**Table S8** Mendelian randomization analysis of Systemic lupus erythematosus and prolonged pregnancy.

SNP	A1	A2	EAF	Systemic lupus erythematosus			Prolonged pregnancy		
				Beta	SE	P-val	Beta	SE	P-val
rs10048743	T	G	0.137	-0.231	0.041	2.04E-08	0.008043	0.030348	0.79099
rs10200680	T	C	0.143	-0.248	0.042	4.96E-09	0.00965	0.030981	0.755433
rs1078324	A	C	0.051	-0.713	0.078	7.11E-20	0.063033	0.058598	0.282067
rs10912578	G	A	0.682	-0.247	0.031	1.65E-15	0.030823	0.025143	0.220236
rs12094036	C	T	0.923	-0.329	0.058	1.37E-08	-0.00522	0.040453	0.897371
rs12524498	T	G	0.019	-0.673	0.121	2.48E-08	-0.08517	0.084512	0.313539
rs13136219	T	C	0.377	-0.174	0.028	3.50E-10	-0.00617	0.024191	0.798526
rs13332649	G	A	0.783	-0.315	0.038	5.43E-17	0.026708	0.025876	0.302008
rs1464446	T	G	0.183	-0.329	0.04	2.79E-16	0.031527	0.030668	0.30393
rs150180633	T	C	0.014	0.928	0.069	2.66E-41	-0.11891	0.197188	0.546505
rs17849501	T	C	0.051	0.811	0.05	1.81E-59	0.033653	0.06029	0.576719
rs2431697	C	T	0.561	-0.223	0.029	2.60E-14	0.009768	0.023866	0.682326
rs2459611	T	C	0.107	0.261	0.045	7.62E-09	-0.00275	0.052148	0.957921
rs2573219	C	A	0.907	0.588	0.043	1.13E-42	0.067086	0.04238	0.11343
rs268124	T	C	0.269	0.186	0.032	8.60E-09	0.011176	0.024106	0.642933
rs34703115	C	T	0.968	-0.616	0.105	4.08E-09	0.06709	0.063762	0.29271
rs35000415	T	C	0.114	0.588	0.042	1.86E-45	-0.04001	0.032671	0.220753
rs35251378	A	G	0.291	-0.236	0.032	3.61E-13	0.029249	0.02647	0.269158
rs353608	G	A	0.528	0.186	0.028	2.93E-11	-0.00351	0.023294	0.880286
rs3747093	A	G	0.212	0.262	0.035	2.88E-14	0.008544	0.025213	0.734695
rs4388254	T	C	0.049	0.378	0.06	3.71E-10	-0.00732	0.036785	0.842284
rs4661543	G	T	0.874	0.274	0.042	9.40E-11	0.012632	0.046771	0.787097
rs4916215	T	C	0.264	0.223	0.034	5.07E-11	0.030885	0.030088	0.304661
rs58688157	G	A	0.738	-0.223	0.034	2.97E-11	-0.04666	0.02898	0.107416
rs6889239	C	T	0.747	0.278	0.032	2.19E-18	-0.00387	0.025785	0.880844
rs73050535	T	C	0.022	-0.713	0.124	9.11E-09	0.038746	0.162742	0.811818
rs73068668	A	G	0.076	-0.315	0.057	4.40E-08	0.0151	0.042259	0.720857
rs7768653	T	C	0.398	-0.207	0.03	3.11E-12	-0.04291	0.023643	0.069525
rs7823055	T	G	0.424	-0.351	0.029	1.64E-34	-0.01814	0.023487	0.440016
rs9852014	G	A	0.926	0.621	0.049	2.26E-36	0.06651	0.042926	0.121285

Supporting Information Figure S1: Scatter plot (A) SLE and gestational diabetes mellitus; (B) SLE and preeclampsia-eclampsia; (C) SLE and premature rupture of membranes; (D) SLE and polyhydramnios; (E) SLE and premature delivery; (F) SLE and prolonged pregnancy

Supporting Information Figure S2: Funnel plot (A) SLE and gestational diabetes mellitus; (B) SLE and preeclampsia-eclampsia; (C) SLE and premature rupture of membranes; (D) SLE and polyhydramnios; (E) SLE and premature delivery; (F) SLE and prolonged pregnancy

Supporting Information Figure S3: Leave-one-out sensitivity analysis: (A) SLE and gestational diabetes mellitus; (B) SLE and preeclampsia-eclampsia; (C) SLE and premature rupture of membranes; (D) SLE and polyhydramnios; (E) SLE and premature delivery; (F) SLE and prolonged pregnancy.