Supplementary Table 2. Meta-analysis of gender-stratified assoication.

BP	SNP	A1	A2	N	Males					Females				
					P	P(R)	OR	OR(R)	log P-value	P	P(R)	OR	OR(R)	log P-value
118957579	rs1678043	G	A	3	0.071	0.080	0.907	0.905	1.147	0.945	0.945	0.996	0.996	0.024
118957724	rs59578980	T	C	2	0.857	0.857	1.034	1.034	0.067	0.371	0.371	1.203	1.203	0.431
118958109	rs17095818	A	G	2	0.857	0.857	1.034	1.034	0.067	0.371	0.371	1.203	1.203	0.431
118958154	rs363351	T	C	2	0.811	0.811	1.045	1.045	0.091	0.411	0.411	1.184	1.184	0.386
118958745	rs3847481	C	T	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118958819	rs3847482	G	A	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118959013	rs3847483	T	C	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118959363	rs17095821	T	C	2	0.753	0.753	1.060	1.060	0.123	0.413	0.413	1.183	1.183	0.384
118959411	rs60088429	C	T	2	0.766	0.766	1.056	1.056	0.116	0.398	0.398	1.190	1.190	0.401
118959488	rs17095824	A	T	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118959586	rs60085909	G	A	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118959696	rs61332182	A	C	2	0.769	0.769	1.056	1.056	0.114	0.415	0.415	1.182	1.182	0.382
118959742	rs56830166	T	C	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118959783	rs59833995	C	T	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118960047	rs113025952	A	G	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118960072	rs112409773	A	C	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118960111	rs112004616	G	A	2	0.829	0.829	1.041	1.041	0.081	0.420	0.420	1.180	1.180	0.377
118960131	rs111761399	G	A	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118960145	rs111486939	T	C	2	0.852	0.852	1.035	1.035	0.069	0.411	0.411	1.184	1.184	0.386
118960151	rs112630964	G	A	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118960186	rs1678042	G	C	3	0.069	0.090	0.907	0.901	1.159	0.757	0.757	0.983	0.983	0.121
118960410	rs363352	C	T	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118960530	rs363306	T	C	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118960881	rs60805690	A	G	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118961044	rs58122384	C	A	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118961082	rs58555599	T	C	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118961100	rs17095831	A	G	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118961217	rs61680075	A	G	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118961226	rs17095832	G	A	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118961344	rs363353	C	T	3	0.070	0.113	0.907	0.895	1.154	0.788	0.771	0.985	0.983	0.103
118961490	rs363354	A	C	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386

118961555	rs363307	T	G	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118961651	rs57142493	G	A	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118961742	rs363308	T	G	2	0.358	0.358	0.917	0.917	0.446	0.754	0.754	1.033	1.033	0.123
118961903	rs363309	A	G	2	0.390	0.390	0.922	0.922	0.409	0.754	0.754	1.033	1.033	0.123
118962064	rs363310	C	T	2	0.390	0.390	0.922	0.922	0.409	0.754	0.754	1.033	1.033	0.123
118962081	rs363311	A	G	2	0.380	0.380	0.907	0.907	0.420	0.918	0.917	0.987	0.987	0.037
118962103	rs363357	T	C	2	0.380	0.380	0.907	0.907	0.420	0.918	0.917	0.987	0.987	0.037
118962306	rs878499	C	G	2	0.533	0.533	0.960	0.960	0.273	0.932	0.932	1.006	1.006	0.031
118962498	rs2420311	C	G	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118962873	rs963975	G	C	2	0.721	0.721	0.977	0.977	0.142	0.902	0.902	1.009	1.009	0.045
118963380	rs111642103	C	T	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118963457	rs2429366	T	G	2	0.671	0.671	0.973	0.973	0.173	0.930	0.930	1.006	1.006	0.031
118963469	rs2429367	C	T	2	0.839	0.839	0.986	0.986	0.076	0.900	0.900	0.991	0.991	0.046
118963970	rs3858331	C	T	2	0.763	0.763	1.057	1.057	0.117	0.411	0.411	1.184	1.184	0.386
118964036	rs1678040	C	T	2	0.721	0.721	0.977	0.977	0.142	0.902	0.902	1.009	1.009	0.045
118964065	rs1678039	T	C	2	0.721	0.721	0.977	0.977	0.142	0.902	0.902	1.009	1.009	0.045
118964875	rs363312	T	C	3		0.076	0.899	0.891		0.825	0.825	0.988	0.988	0.083
118965116	rs17095848	T	C	2	0.677	0.677	1.080	1.080	0.170	0.588	0.588	1.120	1.120	0.231
118965210	rs1678037	C	T	2	0.717	0.717	0.976	0.976	0.145	0.988	0.988	0.999	0.999	0.005
118965386	rs57262314	A	C	2	0.677	0.677	1.080	1.080	0.170	0.588	0.588	1.120	1.120	0.231
118965534	rs1678036	C	T	2	0.697	0.697	0.975	0.975	0.157	0.811	0.811	1.017	1.017	0.091
118966171	rs1626211	A	C	2	0.760	0.760	0.980	0.980	0.119	0.827	0.827	1.015	1.015	0.083
118966996	rs2619111	A	G	3	0.071	0.103	0.909	0.902	1.147	0.895	0.895	0.993	0.993	0.048
118967460	rs363313	A	G	2	0.874	0.874	1.029	1.029	0.058	0.818	0.818	1.048	1.048	0.087
118967507	rs3026039	T	G	2	0.677	0.677	1.080	1.080	0.170	0.640	0.640	1.103	1.103	0.194
118967604	rs363314	T	G	3	0.076	0.113	0.910	0.902	1.121	0.904	0.904	0.993	0.993	0.044
118968164	rs2619110	C	T	2	0.761	0.761	0.980	0.980	0.119	0.924	0.924	1.007	1.007	0.034
118968222	rs2803827	G	T	2	0.805	0.805	0.983	0.983	0.094	0.991	0.991	0.999	0.999	0.004
118968682	rs3847484	C	G	2	0.677	0.677	1.080	1.080	0.170	0.640	0.640	1.103	1.103	0.194
118969346	rs363315	C	T	2	0.826	0.826	1.040	1.040	0.083	0.637	0.637	1.104	1.104	0.196
118970425	rs2619109	T	C	3	0.598	0.598	0.968	0.968	0.224	0.616	0.616	0.968	0.968	0.211
118970630	rs56866787	T	C	2	0.752	0.752	1.059	1.059	0.124	0.637	0.637	1.104	1.104	0.196
118972083	rs11197927	C	T	2	0.692	0.692	0.954	0.954	0.160	0.916	0.916	0.987	0.987	0.038
118972540	rs2532816	A	G	3	0.593	0.593	0.968	0.968	0.227	0.979	0.979	0.998	0.998	0.009

118973145	rs3858335	A	C	2	0.752	0.752	1.059	1.059	0.124	0.637	0.637	1.104	1.104	0.196
118973516	rs11197928	T	C	2	0.572	0.572	0.935	0.935	0.242	0.860	0.860	0.977	0.977	0.066
118973556	rs17095891	A	G	2	0.752	0.752	1.059	1.059	0.124	0.637	0.637	1.104	1.104	0.196
118973715	rs17095893	G	A	2	0.752	0.752	1.059	1.059	0.124	0.732	0.732	1.075	1.075	0.136
118974784	rs2619108	T	C	2	0.515	0.515	0.925	0.925	0.288	0.928	0.928	0.988	0.988	0.032
118976075	rs73387889	T	G	2	0.674	0.674	1.080	1.080	0.172	0.262	0.262	1.256	1.256	0.582
118976295	rs2619107	C	G	2	0.480	0.480	0.915	0.915	0.319	0.839	0.839	1.028	1.028	0.076
118976458	rs363362	A	G	2	0.725	0.725	1.067	1.067	0.140	0.268	0.268	1.253	1.253	0.572
118977122	rs2619106	G	A	3			0.880	0.880		0.334	0.334	0.946	0.946	0.476
118977123	rs2619105	C	A	3			0.882	0.882		0.346	0.346	0.947	0.947	0.461
118977576	rs12571226	A	G	2	0.635	0.635	1.089	1.089	0.197	0.240	0.240	1.267	1.267	0.620
118979967	rs363363	A	C	2	0.555	0.555	1.117	1.117	0.256	0.522	0.522	0.878	0.878	0.282
118980138	rs2803825	A	G	2	0.660	0.660	0.949	0.949	0.180	0.619	0.619	0.938	0.938	0.208
118981071	rs2803823	T	C	3	0.060	0.103	0.853	0.824	1.225	0.483	0.471	0.939	0.902	0.316
118981692	rs363364	A	C	2	0.928	0.928	1.017	1.017	0.033	0.958	0.958	0.989	0.989	0.019
118981820	rs363317	A	C	2	0.750	0.750	1.040	1.040	0.125	0.355	0.390	0.881	0.853	0.450
118981965	rs363365	C	A	2	0.765	0.765	1.037	1.037	0.116	0.408	0.427	0.893	0.870	0.390
118982388	rs363318	C	T	2	0.918	0.918	0.981	0.981	0.037	0.865	0.865	1.036	1.036	0.063
118982402	rs363366	G	A	2	0.838	0.838	1.025	1.025	0.077	0.431	0.431	0.899	0.899	0.365
118982582	rs363319	C	G	2	0.918	0.918	0.981	0.981	0.037	0.865	0.865	1.036	1.036	0.063
118983140	rs363320	T	C	2	0.918	0.918	0.981	0.981	0.037	0.865	0.865	1.036	1.036	0.063
118983815	rs2619103	G	A	3			0.860	0.860		0.362	0.362	0.948	0.948	0.442
118984464	rs3026047	T	C	3			0.839	0.839		0.619	0.619	0.969	0.969	0.209
118985005	rs363321	C	T	2	0.921	0.921	0.982	0.982	0.036	0.856	0.856	1.039	1.039	0.068
118985118	rs2619102	G	A	3			0.868	0.868		0.411	0.411	0.953	0.953	0.387
118985215	rs58968504	C	G	2	0.928	0.928	1.017	1.017	0.033	0.916	0.916	1.023	1.023	0.038
118985485	rs2619101	G	A	2	0.921	0.921	0.982	0.982	0.036	0.856	0.856	1.039	1.039	0.068
118985613	rs2803820	A	G	3			0.867	0.867		0.375	0.375	0.950	0.950	0.426
118985644	rs57663418	T	C	2	0.928	0.928	1.017	1.017	0.033	0.916	0.916	1.023	1.023	0.038
118986090	rs58634906	A	G	2	0.897	0.897	0.980	0.980	0.047	0.235	0.318	0.816	0.754	0.629
118986144	rs363322	A	G	2	0.921	0.921	0.982	0.982	0.036	0.856	0.856	1.039	1.039	0.068
118986396	rs363371	A	G	3			0.840	0.840		0.605	0.605	0.968	0.968	0.218
118986713	rs363323	T	A	3	0.643	0.643	1.050	1.051	0.192	0.339	0.339	0.895	0.895	0.469
118986749	rs17095936	C	T	2	0.692	0.692	1.085	1.085	0.160	0.855	0.855	0.958	0.958	0.068

Position	SNP	A1	A2	N	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10
118986857	rs28634565	A	C	2	0.841	0.841	1.039	1.039	0.075	0.804	0.804	1.055	1.055	0.095
118986859	rs2619099	G	A	2	0.994	0.994	1.002	1.002	0.003	0.856	0.856	1.039	1.039	0.068
118986928	rs2619098	G	A	2	0.941	0.941	1.014	1.014	0.027	0.912	0.912	1.023	1.023	0.040
118987339	rs2803818	C	A	2	0.633	0.633	0.946	0.946	0.199	0.337	0.337	0.883	0.883	0.472
118987670	rs2532798	G	T	3			0.871	0.871		0.328	0.328	0.945	0.945	0.484
118987781	rs7393602	C	A	2	0.557	0.557	0.919	0.919	0.254	0.214	0.253	0.816	0.797	0.669
118988392	rs58610313	G	C	2	0.836	0.836	1.040	1.040	0.078	0.804	0.804	1.055	1.055	0.095
118988797	rs78664257	A	G	2	0.896	0.896	0.982	0.982	0.048	0.318	0.372	0.858	0.767	0.498
118989162	rs363324	G	A	3			0.874	0.874		0.342	0.342	0.947	0.947	0.466
118989519	rs60694093	A	G	2	0.990	0.990	0.998	0.998	0.004	0.858	0.858	1.038	1.038	0.067
118989604	rs3981210	A	G	2	0.650	0.650	0.949	0.949	0.187	0.364	0.364	0.889	0.889	0.439
118990297	rs363325	A	G	2	0.646	0.646	0.948	0.948	0.190	0.364	0.364	0.889	0.889	0.439
118990516	rs363326	A	G	2	0.646	0.646	0.948	0.948	0.190	0.342	0.342	0.884	0.884	0.467
118990782	rs363327	A	G	2	0.676	0.676	0.953	0.953	0.170	0.364	0.364	0.889	0.889	0.439
118991126	rs363328	C	T	2	0.650	0.650	0.949	0.949	0.187	0.384	0.384	0.893	0.893	0.416
118991550	rs74159130	A	G	2	0.558	0.558	0.919	0.919	0.254	0.252	0.298	0.829	0.803	0.598
118991582	rs363329	T	C	2	0.620	0.620	0.944	0.944	0.207	0.405	0.405	0.897	0.897	0.393
118991695	rs2532799	C	T	3			0.869	0.869		0.334	0.334	0.946	0.946	0.476
118991727	rs12414893	T	C	2	0.469	0.469	1.127	1.127	0.329	0.086	0.086	0.724	0.724	1.068
118991768	rs12414919	A	G	2	0.469	0.469	1.127	1.127	0.329	0.086	0.086	0.724	0.724	1.068
118991774	rs12414934	A	G	2	0.620	0.620	0.944	0.944	0.207	0.384	0.384	0.893	0.893	0.416
118992558	rs10886050	A	G	3			0.836	0.836		0.611	0.611	0.969	0.969	0.214
118992584	rs2619097	C	A	2	0.440	0.440	0.915	0.915	0.356	0.266	0.266	0.866	0.866	0.575
118993210	rs363373	C	T	2	0.765	0.765	1.060	1.060	0.116	0.889	0.889	1.032	1.032	0.051
118994479	rs10886051	A	C	3			0.858	0.858		0.526	0.526	0.961	0.961	0.279
118994530	rs2532801	A	G	2			0.866	0.866		0.867	0.867	0.988	0.988	0.062
118994838	rs363330	G	A	2	0.545	0.545	0.933	0.933	0.263	0.207	0.207	0.849	0.849	0.684
118996097	rs7099849	G	A	2	0.866	0.866	0.975	0.975	0.062	0.108	0.169	0.762	0.730	0.967
118996115	rs4081624	C	A	2			0.864	0.864		0.835	0.835	0.985	0.985	0.078
118997875	rs2532802	C	G	2	0.945	0.945	1.013	1.013	0.025	0.909	0.909	0.975	0.975	0.041
118999932	rs2283135	G	C	2	0.747	0.747	0.953	0.953	0.127	0.118	0.188	0.768	0.730	0.927
119000528	rs60912143	A	G	2	0.738	0.738	1.071	1.071	0.132	0.558	0.558	0.870	0.870	0.254
119000572	rs60543597	A	G	2	0.127	0.127	0.901	0.901	0.898	0.621	0.621	0.965	0.965	0.207
119001817	rs2619093	C	T	2			0.875	0.875		0.360	0.360	0.941	0.941	0.444

Position	SNP	A1	A2	N	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10
119002489	rs149461310	T	C	2	0.789	0.789	0.959	0.959	0.103	0.099	0.099	0.747	0.747	1.004
119002540	rs11197932	A	G	3			0.875	0.875		0.668	0.668	0.974	0.974	0.175
119002667	rs363332	A	G	3			0.874	0.874		0.634	0.634	0.972	0.972	0.198
119003161	rs61560104	G	A	2	0.859	0.859	1.036	1.036	0.066	0.670	0.670	0.904	0.904	0.174
119003308	rs2240779	G	C	2	0.753	0.753	0.952	0.952	0.123	0.082	0.082	0.736	0.736	1.089
119003564	rs363387	G	T	2	0.749	0.749	0.952	0.952	0.125	0.082	0.082	0.736	0.736	1.084
119004079	rs363390	C	G	3			0.877	0.877		0.652	0.652	0.973	0.973	0.186
119004995	rs363334	G	C	2			0.868	0.868		0.815	0.815	0.984	0.984	0.089
119006945	rs2283136	G	A	2	0.741	0.741	0.952	0.952	0.130	0.115	0.200	0.763	0.708	0.940
119007385	rs363397	G	C	2	0.818	0.818	0.966	0.966	0.087	0.116	0.200	0.763	0.710	0.937
119007549	rs2283137	T	C	3			0.883	0.883		0.638	0.638	0.972	0.972	0.195
119007980	rs363336	A	C	2	0.818	0.818	0.966	0.966	0.087	0.127	0.195	0.769	0.728	0.897
119008485	rs363337	C	T	2	0.061	0.061	0.884	0.884	1.213	0.759	0.759	0.979	0.979	0.120
119008728	rs2299615	G	A	2	0.822	0.822	0.967	0.967	0.085	0.113	0.215	0.759	0.687	0.948
119008871	rs363399	C	T	3			0.886	0.886		0.684	0.684	0.976	0.976	0.165
119008896	rs363400	A	C	2	0.822	0.822	0.967	0.967	0.085	0.113	0.215	0.759	0.687	0.948
119009389	rs363338	C	T	2			0.882	0.882		0.397	0.397	0.946	0.946	0.401
119009631	rs363404	T	C	3			0.881	0.881		0.637	0.637	0.972	0.972	0.196
119009912	rs3753127	A	G	2	0.999	0.999	1.000	1.000	0.001	0.929	0.929	0.980	0.980	0.032
119009966	rs2532805	G	A	2	0.744	0.744	0.953	0.953	0.128	0.114	0.249	0.764	0.656	0.942
119010185	rs2803815	C	T	2	0.740	0.740	0.952	0.952	0.131	0.140	0.274	0.779	0.662	0.853
119010224	rs7899301	A	G	2	0.814	0.814	0.957	0.957	0.089	0.701	0.701	1.084	1.084	0.154
119010412	rs363339	T	C	2	0.072	0.072	0.887	0.887	1.145	0.732	0.732	0.976	0.976	0.135
119010413	rs363340	C	T	2	0.072	0.072	0.887	0.887	1.145	0.732	0.732	0.976	0.976	0.135
119010422	rs363405	A	G	2	0.888	0.888	1.029	1.029	0.052	0.984	0.984	1.005	1.005	0.007
119010465	rs363341	T	C	2		0.050	0.882	0.882		0.784	0.784	0.982	0.982	0.106
119011795	rs17095973	A	G	2	0.898	0.898	1.027	1.027	0.047	0.977	0.977	0.993	0.993	0.010
119014929	rs363419	T	C	3	0.698	0.514	0.959	0.900	0.156	0.528	0.528	1.069	1.069	0.278
119018031	rs363221	T	C	3	0.880	0.880	0.984	0.984	0.055	0.653	0.653	1.047	1.047	0.185
119018260	rs79731304	C	T	3	0.876	0.876	1.017	1.017	0.058	0.583	0.583	1.059	1.059	0.234
119018679	rs2283138	G	A	2	0.192	0.192	0.888	0.888	0.717	0.888	0.881	0.986	1.025	0.051
119019126	rs929493	C	T	2	0.680	0.680	0.969	0.969	0.167	0.827	0.827	1.018	1.018	0.082
119019177	rs1860404	T	C	2			0.804	0.804		0.096	0.096	1.180	1.180	1.019
119019467	rs363251	G	A	2	0.263	0.263	1.068	1.068	0.581	0.894	0.825	1.008	0.972	0.049

119019658	rs11197936	G	A	2	0.485	0.485	1.042	1.042	0.314	0.006	0.038	1.186	1.174	2.242
119022573	rs363224	C	A	2	0.503	0.503	1.040	1.040	0.299	0.782	0.782	0.983	0.983	0.107
119024502	rs363225	C	T	2	0.653	0.653	1.026	1.026	0.185	0.790	0.790	0.984	0.984	0.103
119028940	rs2532810	A	G	3	0.981	0.980	0.997	1.003	0.008	0.634	0.677	0.949	0.949	0.198
119032488	rs363231	A	G	3	0.999	0.959	1.000	1.006	0.001	0.573	0.635	0.939	0.939	0.242
119043554	rs363294	T	C	3	0.927	0.963	0.990	0.995	0.033	0.475	0.572	0.924	0.925	0.323
119051788	rs2532812	A	G	3	0.827	0.800	1.025	1.031	0.082	0.709	0.758	0.959	0.962	0.149
119064546	rs2490629	T	C	3	0.790	0.790	1.030	1.030	0.102	0.696	0.762	0.957	0.961	0.157