

Supplementary Table 8. Results from conditional analysis where more than one independent signal is detected at the same locus.

RA overall		Sweden												Denmark		Iceland		Norway		UK		Finland		Adjusted		Combined results		Unadjusted*	
Chr	Position	rsID	EA	OA	Adj.OR	Adj.P	Adj.OR	Adj.P	Adj.OR	Adj.P	Adj.OR	Adj.P	Adj.OR	Adj.P	Adj.OR	Adj.P	Adj.OR	Adj.P	Adj.OR	Adj.P	Adj.OR	Adj.P	Covariates	Unadj.OR	Unadj.P				
chr2	191073180	rs140675301	A	T	1.29	0.26	1.80	5.3E-03	0.82	0.57	1.81	0.29	1.24	0.26	2.92	1.4E-04	1.49	8.8E-05	chr2:191094763				1.63	3.85E-06					
chr2	191094763	rs4853458	A	G	1.10	2.4E-04	1.06	5.1E-03	1.12	6.1E-04	1.04	0.53	1.12	9.4E-07	1.13	3.0E-06	1.10	7.1E-18	chr2:191073180				1.10	2.72E-19					
chr16	85982485	rs9939427	A	G	1.08	3.3E-03	1.09	1.0E-04	1.04	0.24	1.10	0.10	1.07	2.0E-03	1.07	0.02	1.07	1.5E-10	chr16:88981246				1.07	1.7E-10					
chr16	88981246	rs62045818	C	T	0.93	9.9E-04	0.97	0.10	0.96	0.13	0.94	0.25	0.98	0.31	1.53	0.08	0.96	1.9E-04	chr16:85982485				0.96	3.1E-05					
chr19	10352442	rs34536443	C	G	0.70	1.1E-08	0.76	1.2E-08	0.77	3.3E-04	0.67	2.3E-03	0.77	2.2E-07	0.70	1.4E-07	0.74	4.4E-32	chr19:10354167,chr19:10359299				0.75	2.54E-29					
chr19	10354167	rs35018800	A	G	0.74	0.01	0.74	1.4E-03	0.67	2.9E-03	0.61	0.05	0.87	0.19	0.76	0.04	0.75	1.5E-08	chr19:10352442,chr19:10359299				0.77	1.39E-07					
chr19	10359299	rs12720356	C	A	0.91	8.6E-03	0.91	3.7E-03	0.92	0.15	0.80	0.02	0.88	1.0E-04	0.86	1.9E-04	0.89	2.0E-12	chr19:10352442,chr19:10354167				0.90	4.31E-10					
Seropositive RA																													
chr2	191073180	rs140675301	A	T	1.57	0.05	1.84	0.02	1.15	0.75	2.12	0.25	2.87	2.0E-03	4.33	2.4E-05	2.03	6.1E-08	chr2:191094763				2.27	2.05E-09					
chr2	191094763	rs4853458	A	G	1.09	1.8E-03	1.07	6.9E-03	1.17	5.8E-04	1.05	0.54	1.14	0.02	1.14	9.3E-06	1.11	2.0E-12	chr2:191073180				1.11	5.19E-14					
chr16	85982485	rs9939427	A	G	1.09	1.7E-03	1.13	3.0E-06	1.07	0.16	1.06	0.39	1.07	0.26	1.11	1.6E-03	1.10	4.1E-11	chr16:88981246				1.10	5.2E-11					
chr16	88981246	rs62045818	C	T	0.91	1.8E-04	0.94	0.01	0.90	6.2E-03	0.85	0.01	0.87	5.2E-03	0.96	0.12	0.93	8.2E-10	chr16:85982485				0.93	8.9E-10					
chr19	10352442	rs34536443	C	G	0.66	2.0E-09	0.73	7.2E-08	0.68	2.2E-04	0.70	0.02	0.52	3.3E-06	0.67	1.3E-07	0.68	1.0E-29	chr19:10354167,chr19:10359299				0.69	2.68E-27					
chr19	10354167	rs35018800	A	G	0.62	5.6E-04	0.66	3.2E-04	0.43	6.0E-05	0.67	0.18	0.44	0.01	0.68	0.01	0.61	1.3E-12	chr19:10352442,chr19:10359299				0.63	1.43E-11					
chr19	10359299	rs12720356	C	A	0.89	3.4E-03	0.88	2.2E-03	0.98	0.78	0.74	7.0E-03	0.77	2.3E-03	0.82	1.7E-05	0.86	1.8E-11	chr19:10352442,chr19:10354167				0.87	2.27E-09					
Seronegative RA																													
chr2	191073180	rs140675301	A	T	0.39	0.07	1.34	0.45	0.65	0.53	1.32	0.77	1.61	0.24	1.97	0.14	1.18	0.42	chr2:191094763				1.23	0.34					
chr2	191094763	rs4853458	A	G	1.12	7.8E-03	1.12	1.1E-03	1.05	0.43	1.06	0.46	0.99	0.80	1.17	6.2E-04	1.10	1.6E-06	chr2:191073180				1.10	1.05E-06					
chr16	85982485	rs9939427	A	G	1.03	0.44	1.06	0.09	1.03	0.62	1.22	0.01	1.03	0.54	1.06	0.23	1.06	4.8E-03	chr16:88981246				1.06	4.6E-03					
chr16	88981246	rs62045818	C	T	1.00	0.97	1.00	0.87	1.01	0.90	1.08	0.27	1.03	0.59	0.95	0.21	1.00	0.93	chr16:85982485				1.00	0.93					
chr19	10352442	rs34536443	C	G	0.85	0.10	0.78	9.3E-04	0.97	0.81	0.56	2.0E-03	0.71	4.1E-03	0.84	0.12	0.80	4.0E-07	chr19:10354167,chr19:10359299				0.81	1.61E-06					
chr19	10354167	rs35018800	A	G	1.12	0.51	0.69	0.01	0.90	0.61	0.55	0.09	0.83	0.45	0.95	0.82	0.84	0.04	chr19:10352442,chr19:10359299				0.86	0.07					
chr19	10359299	rs12720356	C	A	0.97	0.64	0.93	0.21	0.85	0.12	0.86	0.20	0.82	8.7E-03	0.84	0.01	0.89	1.7E-04	chr19:10352442,chr19:10354167				0.90	0.00					

*See Supplementary Tables 1-2.