Table 3: Regions which are significant either by single marker analysis, conditional regression, or a PMR method and which recapitulate a known association to the same disease in an independent study that does not include data from the WTCCC. The table includes all regions with a VBAY posterior probability > 0.97, an MCP p-value $< 1 \times 10^{-7}$, or a p-value for any other method $< 1 \times 10^{-6}$.

				Method											
disease	SNP	chromosome	position	SMA	Conditional	VBAY	Lasso	Adaptive Lasso	2D-MCP	LOG	NEG	1D-MCP	perm-MCP	genes	references
CD	rs11805303	1p31.3	67,675,515	2.34×10^{-12}	2.34×10^{-12}	1	3.18×10^{-13}	9.77×10^{-15}	2.43×10^{-18}	3.23×10^{-13}	2.92×10^{-14}	1.64×10^{-13}	-	IL23R	[1, 2, 3, 4]
CD	rs6737398	2q37.1	234,170,396	1.54×10^{-14}	1.54×10^{-14}	1	1.66×10^{-13}	1.73×10^{-13}	6.69×10^{-19}	4.04×10^{-13}	9.32×10^{-13}	3.09×10^{-12}	1.19×10^{-13}	ATG16L1	[1, 4]
CD	rs4957297	5p13.1	40,455,073	5.09×10^{-14}	5.09×10^{-14}	1	1.38×10^{-12}	8.02×10^{-09}	1.13×10^{-17}	4.71×10^{-12}	7.84×10^{-15}	1.07×10^{-12}	-	Intergenic, PTGER4	[2, 5]
CD	rs274547	5q31.1	131,731,303	6.37×10^{-07}	6.37×10^{-07}	0.064	4.4×10^{-05}	2.95×10^{-05}	1.42×10^{-07}	2.58×10^{-05}	3.29×10^{-06}	2.3×10^{-05}	-	IBD5	[4]
CD	rs10995271	10q21.2	64,438,485	1.9×10^{-07}	1.9×10^{-07}	0.8	3.13×10^{-08}	2.96×10^{-06}	3.11×10^{-08}	4.07×10^{-08}	8.03×10^{-08}	3.58×10^{-08}	-	Intergenic	[1]
CD	rs3135499	16q12.1	50,766,126	1.14×10^{-14}	1.14×10^{-14}	1	1.4×10^{-09}	2.06×10^{-10}	1.56×10^{-17}	5.95×10^{-10}	1.58×10^{-09}	3.72×10^{-09}	-	NOD2	[1, 2, 5, 3, 4]
RA	rs1230649	1p13.2	114,244,176	2.16×10^{-24}	2.16×10^{-24}	1	7.64×10^{-18}	4.1×10^{-19}	1.31×10^{-24}	4.48×10^{-19}	4.11×10^{-20}	9.63×10^{-19}	-	PTPN22	[6, 7]
T1D	rs6679677	1p13.2	114,303,807	1.8×10^{-26}	1.8×10^{-26}	1	1.17×10^{-22}	7.17×10^{-23}	8.74×10^{-27}	2.04×10^{-23}	-	4.35×10^{-24}	-	PHTF1, PTPN22	[8, 9]
T1D	rs11171739	12q13.2	56,470,624	9.67×10^{-12}	9.67×10^{-12}	0.983	6.31×10^{-08}	3.18×10^{-09}	1.2×10^{-11}	5.52×10^{-08}	-	7.2×10^{-09}	-	ERBB3, RAB5B, SUOX, IKZF4, CDK	[8, 10]
T1D	rs10744777	12q24.12	112,233,017	3.34×10^{-07}	3.34×10^{-07}	0.923	5.28×10^{-01}	-	-	-	-	1.17×10^{-01}	-	C12orf30	[8]
T1D	rs12708716	16p13.13	11,179,872	1.21×10^{-08}	1.21×10^{-08}	0.027	1.05×10^{-05}	1.77×10^{-05}	1.46×10^{-07}	1.72×10^{-06}	-	2.8×10^{-05}	-	CLEC16A	[8, 9]
T1D	rs2542151	18p11.21	12,779,946	2.86×10^{-06}	2.86×10^{-06}	0.288	1.06×10^{-06}	9×10^{-07}	1.15×10^{-07}	4.89×10^{-08}	-	1.43×10^{-07}	-	PTPN2	[8]

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