

Supplementary Table 5: Top imputed SNPs (exceeding $P < 0.001$) from the XFS GWAS using the 1000G Cosmopolitan reference panel (Phase 3 release). The vast majority are highly correlated with the index SNP rs4926244 which is shown here for reference and comparison purposes (pairwise $D' > 0.8$ for all SNPs, and pairwise $r^2 > 0.8$ for 10 out of 17 imputed SNPs).

SNP	CHR	OR	P-value	A1	A2	EAF cases	EAF controls	r^2 with rs4926244	D' with rs4926244
rs4926244	19	1.29	5.50×10^{-5}	G	A	0.29	0.25	-	-
rs12151170	19	1.26	1.97×10^{-4}	T	C	0.29	0.25	1	1
rs4926246	19	1.26	2.13×10^{-4}	C	T	0.29	0.25	1	1
rs59384530	19	1.26	2.40×10^{-4}	T	G	0.29	0.24	0.99	1
rs62108599	19	1.25	3.63×10^{-4}	C	T	0.29	0.25	1	1
rs62108600	19	1.25	3.63×10^{-4}	G	A	0.29	0.25	1	1
rs62111970	19	1.25	3.82×10^{-4}	C	T	0.28	0.24	0.96	0.99
rs61453777	19	1.26	3.90×10^{-4}	T	C	0.27	0.23	0.94	1
rs7256827	19	1.25	4.09×10^{-4}	C	T	0.31	0.27	0.61	0.81
rs12052059	19	1.27	4.40×10^{-4}	G	C	0.24	0.20	0.79	0.98
rs7247602	19	1.26	6.27×10^{-4}	T	C	0.25	0.21	0.83	0.98
rs10412233	19	1.26	6.35×10^{-4}	T	G	0.24	0.20	0.79	0.98
rs4926241	19	1.25	7.14×10^{-4}	G	T	0.27	0.23	0.96	0.99
rs10405121	19	1.25	7.25×10^{-4}	A	G	0.25	0.21	0.71	0.94
rs3786935	19	1.26	7.50×10^{-4}	A	G	0.24	0.20	0.70	0.95
rs11085837	19	1.25	7.58×10^{-4}	A	G	0.25	0.21	0.73	0.95
rs11881621	19	1.26	8.07×10^{-4}	A	G	0.24	0.20	0.77	0.98
rs4926240	19	1.25	8.84×10^{-4}	T	C	0.25	0.21	0.82	0.99

A1: Effect allele

A2: Other allele

EAF cases: Effect allele frequency in cases

EAF controls: Effect allele frequency in controls