List of 11 common TG-associated *ABCA1* variants chosen for conditional analysis and tagged SNPs using Tagger analysis with $r^2 \geq 0.50$

Bin #	Chosen SNPs	Alleles Captured
1	p8315-rs2472510	
2	p9464-rs67348902	
3	p23373-rs3905001	p26622-rs3758294
4	p24290-rs2254708	p19072-rs2777795, p25698-rs2575876
5	p30287-rs10120087	
6	p84376-rs4149295	
7	p89636-rs6479283	p98255-rs4743763
8	p107086-rs4149314	p87333-rs4149297, p108439-rs55993392
9	p122732-rs2066716	
10	p142619-rs4149337	p126971-rs2297404, p136692-rs4149329, p139711-rs4149335, p142975-rs2066882
11	p143062-rs2777797	

$*$ Associated variants with the best *P*-value iin each bin that were chosen for conditional analysis

○ Associated variants with FDR <0.20

Results of single-site and conditional analyses for 11 common TG-associated *ABCA1* variants

		Unconditional Analysis		Conditional Analysis, conditioned on SNP 2 (P_{SNP1}|SNP2)										
				SNP 1										
	SNP Name-SNP ID	Single-site *P*	FDR	p8315-rs2472510	p9464-rs67348902	p23373-rs3905001	p24290-rs2254708	p30287-rs10120087	p84376-rs4149295	p89636-rs6479283	p107086-rs4149314	p122732-rs2066716	p142619-rs4149337	p143062-rs2777797
Conditional Analysis, conditioned on SNP 1 (P_{SNP2}|SNP1) — SNP 2	p8315-rs2472510	0.0371	0.2308		0.0848	0.0167	0.0054	0.0223	0.0135	0.0212	0.0031	0.0019	0.0059	0.0112
	p9464-rs67348902	0.0390	0.2308	0.0668		0.0221	0.0041	0.0246	0.0075	0.0144	0.0014	0.0009	0.0079	0.0127
	p23373-rs3905001	0.0151	**0.1464**	0.0581	0.0610		0.0124	0.4050	0.0031	0.0356	0.0020	0.0036	0.0035	0.0154
	p24290-rs2254708	0.0039	**0.0982**	0.0793	0.1020	0.1160		0.0694	0.0323	0.0460	0.0101	0.0011	0.0051	0.0131
	p30287-rs10120087	0.0251	**0.1822**	0.0855	0.0769	0.0991	0.0109		0.0076	0.0353	0.0055	0.0030	0.0046	0.0090
	p84376-rs4149295	0.0061	**0.0982**	0.0224	0.0428	0.0163	0.0143	0.0811		0.2000	0.0764	0.0028	0.0073	0.0209
	p89636-rs6479283	0.0176	**0.1476**	0.0392	0.0579	0.0794	0.0079	0.1590	0.0174		0.0250	0.0121	0.0005	0.0071
	p107086-rs4149314	0.0025	**0.0982**	0.0553	0.1110	0.2290	0.0822	0.1160	0.0482	0.5170		0.0005	0.0262	0.0423
	p122732-rs2066716	0.0016	**0.0982**	0.0478	0.0464	0.0215	0.0020	0.0853	0.0051	0.0415	0.0016		0.0112	0.0028
	p142619-rs4149337	0.0060	**0.0982**	0.0374	0.0808	0.0084	0.0031	0.0149	0.0123	0.0013	0.0011	0.0029		0.0274
	p143062-rs2777797	0.0117	**0.1361**	0.0119	0.0205	0.0154	0.0026	0.0320	0.0091	0.0101	0.0014	0.0024	0.0105	