

Summary crude odds ratios (ORs) and 95% Confidence Intervals (95% CI) for two additive models for variants of the lipid metabolism pathway genes (*ApoE*)

Gene	Variant	rs number	Cases vs. controls (number of samples)	ADDITIVE MODEL: var/wt VS. wt/wt						ADDITIVE MODEL: var/var VS. wt/wt					
				N	Effect size		Heterogeneity		Power	N	Effect size		Heterogeneity		Power
					OR (95% CI)	P value	I ² (95% CI)	P value			OR (95% CI)	P value	I ² (95% CI)	P value	
Lipid metabolism															
ApoE	e2	rs7412	5821 vs. 6754 (5*)	5	0.94 (0.85, 1.04)	0.23	66 (11, 87)	0.02	0.21	4	0.75 (0.46, 1.22)	0.25	0 (0, 85)	0.62	0.21
ApoE	e4	rs429358	3808 vs. 4684 (5*)	5	1.04 (0.94, 1.15)	0.49	14 (0, 82)	0.33	0.12	5	1.12 (0.83, 1.52)	0.45	0 (0, 79)	0.68	0.12
* Includes unpublished data from SOCCS															
§ Includes unpublished data from Ontario															

Summary crude odds ratios (ORs) and 95% Confidence Intervals (95% CI) for a recessive and a dominant model for variants of the I pathway genes (*ApoE*)

Gene	Variant	rs number	Cases vs. controls (number of samples)	RECESSIVE MODEL: var/var VS. wt/wt & wt/var						DOMINANT MODEL: wt/var & var/var VS. wt/wt					
				N	Effect size		Heterogeneity		Power	N	Effect size		Heterogeneity		Power
					OR (95% CI)	P value	I ² (95% CI)	P value			OR (95% CI)	P value	I ² (95% CI)	P value	
Lipid metabolism															
ApoE	e2	rs7412	5821 vs. 6754 (5*)	4	0.76 (0.47, 1.23)	0.26	0 (0, 85)	0.67	0.17	5	0.99 (0.77, 1.27)	0.92	68 (17, 88)	0.01	0.06
ApoE	e4	rs429358	3808 vs. 4684 (5*)	5	1.11 (0.83, 1.50)	0.49	0 (0, 79)	0.76	0.11	5	1.04 (0.94, 1.15)	0.41	26 (0, 70)	0.25	0.12
* Includes unpublished data from SOCCS															
§ Includes unpublished data from Ontario															