Summary crude odds ratios (ORs) and 95% Confidence Intervals (95% CI) for two additive models for variants that were identified from Genome Wide Association Studies

			ADDITIVE MODEL: var/wt VS. wt/wt						ADDITIVE MODEL: var/var VS. wt/wt					
				Effect size		Heterogeneity				Effect size		Heterogeneity		
Gene	rs number	Cases vs. controls (number of samples)	N	OR (95% CI)	*P* value	I^2 (95% CI)	*P value*	Power	N	OR (95% CI)	*P* value	I^2 (95% CI)	*P value*	Power
Common low penetrance														
SMAD7	rs4939827	37650 vs. 36154 (13§)	13	0.89 (0.86, 0.92)	<0.0005	0 (0, 57)	0.87	1.00	13	0.75 (0.71, 0.79)	<0.0005	39 (0, 69)	0.07	1.00
SMAD7	rs12953717	33771 vs. 32364 (11§)	11	1.11 (1.04, 1.18)	<0.0005	46 (0, 73)	0.05	1.00	11	1.23 (1.16, 1.29)	<0.0005	36 (0, 68)	0.11	1.00
SMAD7	rs4464148	15999 vs. 15216 (7*)	7	1.14 (1.08, 1.19)	<0.0005	6 (0, 72)	0.39	1.00	7	1.30 (1.21, 1.40)	<0.0005	0 (0, 71)	0.49	1.00
8q24	rs6983267	40604 vs. 42672 (19)	19	1.22 (1.16, 1.28)	<0.0005	38 (0, 64)	<0.0005	1.00	19	1.45 (1.39, 1.51)	<0.0005	0 (0, 49)	0.54	1.00
8q24	rs10505477	18580 vs. 20147 (14)	14	1.21 (1.15, 1.28)	<0.0005	25 (0, 60)	0.19	1.00	14	1.32 (1.22, 1.42)	<0.0005	44 (0, 70)	0.04	1.00
9p24	rs719725	13290 vs. 14774 (13)	13	1.08 (1.00, 1.16)	0.04	0 (0, 57)	0.79	0.57	13	1.15 (1.07, 1.24)	<0.0005	0 (0, 57)	0.63	0.96
19q13.1	rs10411210	25607 vs. 26477 (17)	17	0.87 (0.81, 0.93)	<0.0005	55 (23, 74)	0.003	1.00	17	0.81 (0.70, 0.93)	0.003	0 (0, 51)	0.97	0.89
16q22.1	rs9929218	26191 vs. 27409 (18)	18	0.93 (0.90, 0.97)	<0.0005	13 (0, 49)	0.3	0.98	18	0.84 (0.78, 0.90)	<0.0005	0 (0, 50)	0.63	1.00
15q14	rs4779584	13656 vs. 12635 (9)	9	1.13 (1.02, 1.24)	0.02	51 (0, 77)	0.04	0.99	9	1.38 (1.09, 1.73)	0.006	71 (47, 85)	0.001	1.00
1q41	rs6691170	17740 vs. 19776 (11)	11	1.12 (1.07, 1.17)	<0.0005	19 (0, 59)	0.26	1.00	11	1.19 (1.12, 1.27)	<0.0005	0 (0, 60)	0.87	1.00
3q26.2	rs10936599	17802 vs. 19795 (11)	11	0.90 (0.86, 0.94)	<0.0005	33 (0, 67)	0.14	1.00	11	0.85 (0.78, 0.93)	<0.0005	0 (0, 60)	0.81	0.95
12q13.13	rs11169552	17148 vs. 19739 (11)	11	0.92 (0.88, 0.96)	<0.0005	0 (0, 60)	0.65	0.97	11	0.75 (0.66, 0.86)	<0.0005	53 (7, 76)	0.02	1.00
20q13.33	rs4925386	17847 vs. 19832 (11)	11	0.91 (0.87, 0.95)	<0.0005	0 (0, 60)	0.51	0.99	11	0.80 (0.75, 0.87)	<0.0005	20 (0, 59)	0.26	1.00
14q22.2	rs4444235	18607 vs. 19576 (13)	13	1.09 (1.04, 1.14)	<0.0005	12 (0, 52)	0.32	0.95	13	1.18 (1.12, 1.25)	<0.0005	21 (0, 59)	0.23	1.00
20p12.3	rs961253	18118 vs. 19006 (13)	13	1.13 (1.08, 1.18)	<0.0005	4 (0, 58)	0.41	1.00	13	1.22 (1.14, 1.30)	<0.0005	23 (0, 60)	0.21	1.00
8q23.3	rs16892766	17180 vs. 17840 (4**)	4	1.27 (1.20, 1.33)	<0.0005	0 (0, 85)	0.40	1.00	4	1.38 (1.12, 1.71)	0.003	0 (0, 85)	0.93	0.90
10p14	rs10795668	20026 vs. 20682 (6**)	6	0.89 (0.80, 0.99)	0.04	68 (23, 86)	0.009	0.57	6	0.77 (0.72, 0.82)	<0.0005	40 (0, 76)	0.14	1.00
11q23.1	rs3802842	33004 vs. 31654 (14)	14	1.15 (1.12, 1.19)	<0.0005	33 (0, 64)	0.12	1.00	14	1.29 (1.23, 1.36)	<0.0005	33 (0, 64)	0.12	1.00
* Includes unpublished data from SOCCS														
§ Includes unpublished data from Ontario														
** Tomlinson 2008 was based on 10 samples														

Summary crude odds ratios (ORs) and 95% Confidence Intervals (95% CI) for a recessive and a dominant model for variants that were identified from Genome Wide Association Studies

Gene	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					
				Effect size		Heterogeneity				Effect size		Heterogeneity		
			N	OR (95% CI)	*P* value	I^2 (95% CI)	*P* value	Power	N	OR (95% CI)	*P* value	I^2 (95% CI)	*P* value	Power
Common low penetrance														
SMAD7	rs4939827	37650 vs. 36154 (13§)	13	0.87 (0.81, 0.93)	<0.0005	65 (38, 81)	0.001	1.00	13	0.84 (0.81, 0.87)	<0.0005	0 (0, 57)	0.94	1.00
SMAD7	rs12953717	33771 vs. 32364 (11§)	11	1.17 (1.11, 1.23)	<0.0005	22 (0, 61)	0.24	1.00	11	1.14 (1.08, 1.21)	<0.0005	46 (0, 73)	0.05	1.00
SMAD7	rs4464148	15999 vs. 15216 (7*)	7	1.21 (1.14, 1.29)	<0.0005	0 (0, 71)	0.52	1.00	7	1.17 (1.12, 1.23)	<0.0005	17 (0, 61)	0.3	1.00
8q24	rs6983267	40604 vs. 42672 (19)	17	1.22 (1.18, 1.27)	<0.0005	33 (0, 62)	0.1	1.00	17	1.28 (1.24, 1.33)	<0.0005	28 (0, 60)	0.14	1.00
8q24	rs10505477	18580 vs. 20147 (14)	14	1.17 (1.11, 1.22)	<0.0005	35 (0, 66)	0.09	1.00	14	1.25 (1.19, 1.31)	<0.0005	36 (0, 66)	0.08	1.00
9p24	rs719725	13290 vs. 14774 (13)	13	1.09 (1.04, 1.14)	<0.0005	31 (0, 65)	0.13	0.94	13	1.11 (1.04, 1.19)	0.003	0 (0, 57)	0.82	0.86
19q13.1	rs10411210	25607 vs. 26477 (17)	17	0.84 (0.73, 0.96)	0.009	0 (0, 51)	0.97	0.61	17	0.86 (0.81, 0.92)	<0.0005	53 (18, 73)	0.005	1.00
16q22.1	rs9929218	26191 vs. 27409 (18)	18	0.86 (0.81, 0.92)	<0.0005	0 (0, 50)	0.59	1.00	18	0.92 (0.89, 0.95)	<0.0005	1 (0, 51)	0.44	1.00
15q14	rs4779584	13656 vs. 12635 (9)	9	1.30 (1.11, 1.53)	0.001	65 (29, 83)	0.003	1.00	9	1.17 (1.06, 1.29)	0.002	58 (11, 80)	0.02	1.00
1q41	rs6691170	17740 vs. 19776 (11)	11	1.12 (1.05, 1.19)	<0.0005	0 (0, 60)	0.93	0.96	11	1.14 (1.09, 1.19)	<0.0005	13 (0, 53)	0.32	1.00
3q26.2	rs10936599	17802 vs. 19795 (11)	11	0.89 (0.81, 0.97)	0.008	0 (0, 60)	0.79	0.76	11	0.89 (0.85, 0.93)	<0.0005	27 (0, 64)	0.19	1.00
12q13.13	rs11169552	17148 vs. 19739 (11)	11	0.78 (0.69, 0.88)	<0.0005	55 (11, 77)	0.01	1.00	11	0.90 (0.86, 0.94)	<0.0005	0 (0, 60)	0.50	1.00
20q13.33	rs4925386	17847 vs. 19832 (11)	11	0.84 (0.78, 0.90)	<0.0005	0 (0, 60)	0.46	1.00	11	0.89 (0.86, 0.93)	<0.0005	18 (0, 58)	0.27	1.00
14q22.2	rs4444235	18607 vs. 19576 (13)	13	1.12 (1.06, 1.17)	<0.0005	2 (0, 58)	0.43	0.99	13	1.11 (1.07, 1.17)	<0.0005	27 (0, 62)	0.17	1.00
20p12.3	rs961253	18118 vs. 19006 (13)	13	1.15 (1.08, 1.22)	<0.0005	18 (0, 57)	0.26	0.99	13	1.15 (1.10, 1.20)	<0.0005	18 (0, 56)	0.27	1.00
8q23.3	rs16892766	17180 vs. 17840 (4*)	3	1.17 (0.74, 1.84)	0.51	0 (0, 90)	0.98	0.10	3	1.25 (1.10, 1.42)	0.001	1 (0, 90)	0.37	0.94
10p14	rs10795668	20026 vs. 20682 (6*)	5	0.76 (0.67, 0.86)	<0.0005	0 (0, 79)	0.45	0.99	5	0.89 (0.74, 1.07)	0.21	78 (48, 91)	0.001	0.88
11q23.1	rs3802842	33004 vs. 31654 (14)	14	1.20 (1.14, 1.27)	<0.0005	9 (0, 47)	0.35	1.00	14	1.20 (1.14, 1.26)	<0.0005	43 (0, 70)	0.04	1.00
* Includes unpublished data from SOCCS														
§ Includes unpublished data from Ontario														
** Tomlinson 2008 was based on 10 samples														