

**Summary crude odds ratios (ORs) and 95% Confidence Intervals (95% CI) for two additive models for variants of tumour suppressor genes (TP53, MDM2)**

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 <sup>2</sup> (95% CI)	P value			OR (95% CI)	P value	I <sup>2</sup> (95% CI)	P value	
<b>Tumour suppressor genes</b>															
TP53	Arg72Pro <sup>1</sup>	rs1042522	7414 vs. 9872 (27)	27	1.01 (0.89, 1.14)	0.90		<0.001		27	1.04 (0.82, 1.31)	0.77		<0.001	
TP53	intron 3 16bp <sup>2</sup>	rs17878362	1637 vs. 1874 (5)	5	1.58 (0.98, 2.56)			0.50		5	1.14 (0.84, 1.55)			0.009	
MDM2	309 T/G <sup>3</sup>	rs2279744	2543 vs. 2115 (7)	7	0.73 (0.62, 0.86)			0.12		7	0.86 (0.57, 1.30)			0.006	
* Includes unpublished data from SOCCS															
§ Includes unpublished data from Ontario															
1 Ekonomopoulos 2010															
2 Hu 2010															
3 Fang et al, 2010															

**Summary crude odds ratios (ORs) and 95% Confidence Intervals (95% CI) for a recessive and a dominant model for variants of tumour suppressor genes (TP53, MDM2)**

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 <sup>2</sup> (95% CI)	P value			OR (95% CI)	P value	I <sup>2</sup> (95% CI)	P value	
<b>Tumour suppressor genes</b>															
TP53	Arg72Pro <sup>1</sup>	rs1042522	7414 vs. 9872 (27)	27	1.00 (0.88, 1.14)	0.98		<0.001		27	1.05 (0.87, 1.27)	0.62		<0.001	
TP53	intron 3 16bp <sup>2</sup>	rs17878362	1637 vs. 1874 (5)	n/a	n/a	n/a	n/a	n/a	n/a	5	1.18 (0.86, 1.61)			0.005	

MDM2	309 T/G <sup>3</sup>	rs2279744	2543 vs. 2115 (7)	7	0.92 (0.71, 1.20)			0.02		7	0.84 (0.61, 1.15)			0.04	
* Includes unpublished data from SOCCS															
§ Includes unpublished data from Ontario															
1 Ekonomopoulos 2010															
2 Hu 2010															
3 Fang et al, 2010															