

## The influence of genetic variability in *IL1B* and *MIR146A* on the risk of pleural plaques and malignant mesothelioma

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doi: 10.2478/raon-2020-0057

**SUPPLEMENTARY TABLE 1.** Association between selected polymorphisms and the risk of developing pleural plaques

SNP	Genotype	Controls N (%)	Pleural plaques N (%)	OR (95% CI)	p
<b><i>IL1B</i> rs1143623</b>	GG	88 (50.3)	205 (52.0)	reference	
	GC	67 (38.3)	157 (39.8)	1.01 (0.69–1.47)	0.976
	CC	20 (11.4)	32 (8.1)	0.69 (0.37–1.27)	0.229
	GC+CC	87 (49.7)	189 (48.0)	0.93 (0.65–1.33)	0.701
<b><i>IL1B</i> rs16944</b>	TT	21 (12.0)	50 (12.7)	1.08 (0.61–1.91)	0.806
	TC	75 (42.9)	169 (42.9)	1.02 (0.70–1.49)	0.930
	CC	79 (45.1)	175 (44.4)	reference	
	TC+TT	96 (54.9)	219 (55.6)	1.03 (0.72–1.47)	0.872
<b><i>IL1B</i> rs1071676</b>	GG	105 (60.0)	233 (59.1)	reference	
	GC	60 (34.3)	145 (36.8)	1.09 (0.75–1.59)	0.659
	CC	10 (5.7)	16 (4.1)	0.72 (0.32–1.64)	0.436
	GC+CC	70 (40.0)	161 (40.9)	1.04 (0.72–1.49)	0.847
<b><i>MIR146A</i> rs2910164</b>	GG	94 (53.7)	196 (49.7)	reference	
	GC	64 (36.6)	163 (41.4)	1.22 (0.84–1.79)	0.302
	CC	17 (9.7)	35 (8.9)	0.99 (0.53–1.85)	0.968
	GC+CC	81 (46.3)	198 (50.3)	1.17 (0.82–1.68)	0.382

CI = confidence interval; OR = odds ratio; SNP = single nucleotide polymorphism

**SUPPLEMENTARY TABLE 2.** Association between interactions between investigated genetic polymorphisms and the risk of developing malignant mesothelioma

SNP 1			SNP 2			Interaction	
Genotypes	OR (95% CI)	p	Genotypes	OR (95% CI)	p	OR (95% CI)	p
<b><i>IL1B</i> rs1143623</b>	0.83		<b><i>IL1B</i> rs16944</b>	1.03		0.86	
GC+CC vs. GG	(0.57–1.22)	0.341	TC+TT vs. CC	(0.70–1.51)	0.878	(0.15–5.09)	0.868
<b><i>IL1B</i> rs1143623</b>	0.83		<b><i>IL1B</i> rs1071676</b>	1.02		2.24	
GC+CC vs. GG	(0.57–1.22)	0.341	GC+CC vs. GG	(0.69–1.50)	0.927	(1.00–5.00)	<b>0.050</b>
<b><i>IL1B</i> rs1143623</b>	0.83		<b><i>MIR146A</i> rs2910164</b>	0.87		0.87	
GC+CC vs. GG	(0.57–1.22)	0.341	GC+CC vs. GG	(0.60–1.28)	0.488	(0.41–1.86)	0.716
<b><i>IL1B</i> rs16944</b>	1.03		<b><i>IL1B</i> rs1071676</b>	1.02		1.25	
TC+TT vs. CC	(0.70–1.51)	0.878	GC+CC vs. GG	(0.69–1.50)	0.927	(0.56–2.78)	0.593
<b><i>IL1B</i> rs16944</b>	1.03		<b><i>MIR146A</i> rs2910164</b>	0.87		0.83	
TC+TT vs. CC	(0.70–1.51)	0.878	GC+CC vs. GG	(0.60–1.28)	0.488	(0.39–1.78)	0.630
<b><i>IL1B</i> rs1071676</b>	1.02		<b><i>MIR146A</i> rs2910164</b>	0.87		1.48	
GC+CC vs. GG	(0.69–1.50)	0.927	GC+CC vs. GG	(0.60–1.28)	0.488	(0.68–3.24)	0.326

CI = confidence interval; OR = odds ratio; SNP = single nucleotide polymorphism