

Gene Alias/polymorphism rs number	Genotype	PCB 180 in Carpet Dust					PCB 180 in Plasma					TEQ in Plasma				
		Ca	Co	NHL Risk (a)	p	P inter	Ca	Co	NHL Risk (b)	P	P interaction	Ca	Co	NHL Risk (c)	P	p interaction
<i>CCR5</i>	++	473	365	0.6% (-0.1% - 1.4%)	0.11		83	78	7.4% (0.4% - 14.9%)	0.038		80	73	7.7% (0.1% - 16.0%)	0.048	
$\Delta 32$ rs333	+ -	109	81	0.9% (-0.8% - 2.6%)	0.32	0.96	9	18	410%	0.58	0.39	9	18	-60.5%	0.14	0.47
<i>CTLA4</i>	AA	222	174	1.2% (-0.0003% - 2.5%)	0.056		39	39	6.3% (-3.7% - 17.4%)	0.22		38	37	12.2% (-0.7% - 26.7%)	0.064	
T17A rs231775	AG GG	341	252	0.4% (-0.5% - 1.4%)	0.33	0.42	50	55	14.3% (4.1% - 25.5%)	0.0049	0.067	48	52	7.7% (-1.1% - 17.3%)	0.090	0.55
<i>CX3CR1</i>	GG	235	170	1.0% (-0.2% - 2.2%)	0.10		46	49	4.9% (-4.8% - 15.6%)	0.33		45	47	6% (-2.8% - 16.7%)	0.18	
V249I rs3732379	AG AA	175	150	1.3% (-0.1% - 2.6%)	0.061	0.77	43	41	10.4% (1.0% - 20.7%)	0.030	0.72	41	38	11.9% (-0.04% - 25.3%)	0.051	0.67
<i>CXCL12</i>	GG	392	293	0.9% (0.04% - 1.8%)	0.040		60	64	4.9% (-2.6% - 13.0%)	0.21		57	60	6.2% (-1.5% - 14.4%)	0.12	
3'UTR Ex4+535C>T rs1801157	AG AA	194	154	0.4% (-0.8% - 1.7%)	0.51	0.44	31	29	24.1% (6.1% - 45.3%)	0.0071	0.24	31	28	27.5% (6.0% - 53.3%)	0.0099	0.35
<i>FCGR2A</i>	GG	115	116	-0.4% (-1.9% - 1.2%)	0.65		22	20	19.7% (0.8% - 42.1%)	0.040		22	19	14.1% (-2.0% - 33.0%)	0.090	
H165R rs1801274	AG AA	473	331	0.8% (-0.03% - 1.6%)	0.059	0.33	71	75	6.7% (-0.6% - 14.6%)	0.073	0.60	68	71	7.9% (-0.4% - 16.9%)	0.064	0.65
<i>ICAM</i> (d)	AA	569	429	0.7% (-0.1% - 1.4%)	0.071		92	95				89	90			
K56M rs5491	AT TT	17	23	-1.7% (-8.3% - 5.4%)	0.63	0.32	1	0				1	0			

Gene Alias/polymorphism rs number	Genotype	PCB 180 in Carpet Dust					PCB 180 in Plasma					TEQ in Plasma				
		Ca	Co	NHL Risk (a)	p	P inter	Ca	Co	NHL Risk (b)	P	P interaction	Ca	Co	NHL Risk (c)	P	p interaction
<i>IFNGR2</i> Q64R rs9808753	AA	426	321	0.8% (-0.1% - 1.6%)	0.075		70	67	9.7% (1.8% - 18.2%)	0.015		69	66	11.5% (2.2% - 21.6%)	0.014	
	AG GG	165	134	0.5% (-0.9% - 1.9%)	0.48	0.50	23	29	17.1% (-0.3% - 37.5%)	0.055	0.21	21	25	12.2% (-3.6% - 30.5%)	0.14	0.89
<i>IL1A</i> A114S rs17561	GG	297	228	0.6% (-0.4% - 1.7%)	0.23		43	44	8.0% (-1.5% - 18.5%)	0.10		41	41	8.5% (-2.9% - 21.2%)	0.15	
	GT TT	297	223	0.6% (-0.3% - 1.6%)	0.21	0.77	48	51	4.4% (-5.1% - 14.8%)	0.38	0.87	47	49	7.2% (-2.3% - 17.6%)	0.14	0.62
<i>IL1A</i> C-889T rs1800587	CC	286	220	0.8% (-0.2% - 1.9%)	0.12		43	43	7.5% (-2.1% - 17.9%)	0.13		41	40	7.2% (-4.3% - 20.0%)	0.23	
	CT TT	316	236	0.6% (-0.4% - 1.5%)	0.24	0.87	50	50	5.8% (-3.7% - 16.3%)	0.24	0.83	49	48	8.0% (-1.6% - 18.6%)	0.10	0.92
<i>IL1B</i> C-511T rs16944	CC	261	191	1.4% (0.3% - 2.5%)	0.015		36	36	7.5% (-3.9% - 20.4%)	0.21		35	35	7.9% (-4.7% - 22.1%)	0.23	
	CT TT	337	264	0.2% (-0.7% - 1.2%)	0.67	0.13	56	60	11.6% (2.8% - 21.1%)	0.0086	0.34	54	56	10.8% (1.5% - 20.9%)	0.022	0.81
<i>IL1B</i> C3954T rs1143634	CC	354	285	0.9% (-0.1% - 1.8%)	0.067		53	59	6.9% (-1.0% - 15.4%)	0.090		51	55	7.4% (-2.2% - 18.0%)	0.13	
	CT TT	245	170	0.4% (-0.7% - 1.5%)	0.47	0.38	40	37	10.5% (-1.2% - 23.5%)	0.080	0.53	39	36	10.9% (0.1% - 22.9%)	0.048	0.56
<i>IL1B</i> T-31C rs1143627	TT	260	185	1.3% (0.2% - 2.4%)	0.020		36	35	9.7% (-2.5% - 23.5%)	0.12		36	34	9.5% (-3.4% - 24.2%)	0.16	
	CT CC	335	272	0.1% (-0.8% - 1.1%)	0.83	0.12	57	61	9.8% (1.6% - 18.7%)	0.018	0.63	54	57	8.8% (0.05% - 18.3%)	0.049	0.89
<i>IL1RN</i> A9589T rs454078	AA	351	256	0.8% (-0.1% - 1.7%)	0.098		42	54	8.3% (-0.6% - 17.9%)	0.067		41	52	9.4% (-1.0% - 20.9%)	0.077	
	AT TT	241	204	0.4% (-0.7% - 1.5%)	0.49	0.40	49	42	11.2% (0.0% - 23.7%)	0.050	0.71	47	39	4.9% (-4.9% - 15.8%)	0.34	0.36

Gene Alias/polymorphism rs number	Genotype	PCB 180 in Carpet Dust					PCB 180 in Plasma					TEQ in Plasma				
		Ca	Co	NHL Risk (a)	p	P inter	Ca	Co	NHL Risk (b)	P	P interaction	Ca	Co	NHL Risk (c)	P	p interaction
<i>IL2</i> Ex2T>G rs2069762	TT	312	234	0.7% (-0.3% - 1.6%)	0.19		55	49	8.5% (-0.6% - 18.4%)	0.068		53	46	5.1% (-4.7% - 16.0%)	0.32	
	GT GG	281	220	0.6% (-0.4% - 1.7%)	0.24	0.76	38	44	5.8% (-3.9% - 16.6%)	0.25	0.49	37	42	9.5% (-1.3% - 21.5%)	0.087	0.89
<i>IL4</i> T-1098G rs2243248	TT	511	389	0.5% (-0.2% - 1.3%)	0.18		82	89	8.2% (1.2% - 15.6%)	0.022		79	85	9.0% (1.6% - 16.9%)	0.017	
	GT GG	89	67	1.6% (-0.5% - 3.8%)	0.14	0.41	11	7	4.7% (-16.9% - 31.8%)	0.70	0.73	11	6	-58.4%	0.31	0.44
<i>IL4R</i> C-29429T rs2107356	CC	225	163	0.2% (-1.0% - 1.4%)	0.77		36	39	2.7% (-6.4% - 12.8%)	0.57		35	36	2.9% (-7.8% - 14.8%)	0.61	
	CT TT	362	287	0.8% (-0.1% - 1.7%)	0.069	0.39	57	55	13.7% (2.9% - 25.6%)	0.012	0.71	55	53	14.3% (3.1% - 26.7%)	0.011	0.15
<i>IL5</i> C-745T rs2069812	CC	269	184	0.5% (-0.5% - 1.6%)	0.33		42	43	19.0% (5.8% - 33.9%)	0.0037		42	42	15.7% (2.0% - 31.1%)	0.023	
	CT TT	318	269	0.6% (-0.3% - 1.6%)	0.19	0.85	51	53	3.3% (-4.4% - 11.7%)	0.41	0.17	48	49	4.6% (-3.7% - 13.7%)	0.28	0.21
<i>IL5</i> (d) C-1551T rs2069807	CC	570	435	0.6% (-0.1% - 1.3%)	0.093		91	93				88	88			
	CT TT	10	14	-4.7% (-11.8% - 2.9%)	0.22	0.92	1	3				1	3			
<i>IL5</i> (d) (e) Ex4+78C>A rs2069818	CC	397	311				88	90				85	85			
	AC AA	4	2				1	2				1	2			
<i>IL6</i> G-174C rs1800795	GG	231	180	1.5% (0.4% - 2.7%)	0.0097		33	36	2.8% (-7.8% - 14.6%)	0.62		32	35	3.1% (-8.2% - 15.8%)	0.60	
	CG CC	367	274	0.1% (-0.8% - 1.0%)	0.77	0.047	57	59	11.7% (2.5% - 21.7%)	0.011	0.13	55	55	10.6% (1.1% - 21.0%)	0.029	0.16

Gene Alias/polymorphism rs number	Genotype	PCB 180 in Carpet Dust					PCB 180 in Plasma					TEQ in Plasma				
		Ca	Co	NHL Risk (a)	p	P inter	Ca	Co	NHL Risk (b)	P	P interaction	Ca	Co	NHL Risk (c)	P	p interaction
<i>IL6</i> G-597A or G-598A rs1800797	GG	233	175	1.5% (0.3% - 2.6%)	0.014		33	38	2.4% (-8.1% - 14.1%)	0.66		32	37	3.0% (-8.3% - 15.7%)	0.62	
	AG AA	356	272	0.2% (-0.7% - 1.1%)	0.69	0.069	59	57	13.3% (3.8% - 23.7%)	0.0053	0.14	57	53	11.1% (1.6% - 21.6%)	0.021	0.22
<i>IL7R</i> V138I rs1494555	AA	189	157	0.5% (-0.7% - 1.8%)	0.40		46	46	12.1% (1.9% - 23.3%)	0.019		44	41	10.2% (-0.8% - 22.6%)	0.071	
	AG GG	229	175	1.3% (0.1% - 2.4%)	0.033	0.54	47	50	3.9% (-5.9% - 14.6%)	0.45	0.083	46	50	8.2% (-2.3% - 19.9%)	0.13	0.58
<i>IL8</i> IVS1-204C>T rs2227306	CC	221	173	0.5% (-0.7% - 1.7%)	0.42		33	43	20.7% (4.9% - 38.8%)	0.0084		33	41	3.8% (-6.7% - 15.5%)	0.49	
	CT TT	351	264	0.8% (-0.2% - 1.7%)	0.10	0.80	59	53	6.1% (-1.5% - 14.4%)	0.12	0.10	57	50	12.2% (2.5% - 22.9%)	0.013	0.37
<i>IL8RB</i> 3'UTR,Ex3+1235T>C rs1126579	CC	168	161	-0.2% (-1.4% - 1.1%)	0.77		24	33	14.5% (-1.5% - 33.0%)	0.078		23	31	-1.1% (-12.6% - 12.0%)	0.86	
	CT TT	400	277	1.1% (0.2% - 2.1%)	0.017	0.071	64	61	6.1% (-1.1% - 13.8%)	0.10	0.30	62	58	10.9% (1.5% - 21.2%)	0.022	0.13
<i>IL8RB</i> L262L rs2230054	TT	96	87	0.3% (-1.4% - 2.1%)	0.70		20	25	25.5% (-0.8% - 58.7%)	0.059		20	23	8.7% (-6.6% - 26.5%)	0.28	
	CT CC	321	243	1.3% (0.3% - 2.4%)	0.0092	0.25	73	71	6.8% (-0.2% - 14.3%)	0.057	0.28	70	68	6.8% (-1.2% - 15.4%)	0.097	0.64
<i>IL8RB</i> 3'UTR,Ex3-1010G>A rs1126580	AA	190	155	1.1% (-0.1% - 2.4%)	0.069		31	37	16.7% (1.6% - 34.0%)	0.029		30	34	6.9% (-5.4% - 20.6%)	0.28	
	AG GG	380	289	0.3% (-0.6% - 1.3%)	0.46	0.27	62	56	5.9% (-1.6% - 14.1%)	0.13	0.12	60	54	9.0% (-0.1% - 18.9%)	0.052	0.77
<i>IL10</i> C-819T	CC	309	244	0.5% (-0.5% - 1.4%)	0.37		49	52	9.3% (-0.5% - 20.1%)	0.064		48	49	5.8% (-3.2% - 15.6%)	0.22	
	CT TT	284	210	0.9%	0.10	0.52	44	43	8.8%	0.067	0.30	42	41	13.4%	0.041	0.75

Gene Alias/polymorphism rs number	Genotype	PCB 180 in Carpet Dust					PCB 180 in Plasma					TEQ in Plasma				
		Ca	Co	NHL Risk (a)	p	P inter	Ca	Co	NHL Risk (b)	P	P interaction	Ca	Co	NHL Risk (c)	P	p interaction
rs1800871				(-0.2% - 1.9%)					(-0.6% - 19.2%)					(0.5% - 27.8%)		
<i>IL10</i>	CC	306	243	0.4% (-0.6% - 1.4%)	0.46		48	53	9.4% (-0.5% - 20.2%)	0.062		47	50	5.7% (-3.3% - 15.5%)	0.22	
C-592A rs1800872	AC AA	283	211	0.9% (-0.2% - 1.9%)	0.10	0.46	42	41	7.6% (-1.8% - 17.8%)	0.12	0.26	40	39	11.6% (-1.2% - 26.1%)	0.077	0.88
<i>IL10</i>	TT	224	192	0.5% (-0.7% - 1.6%)	0.42		40	36	5.6% (-3.9% - 16.0%)	0.26		38	33	8.4% (-3.3% - 21.5%)	0.17	
T-3575A rs1800890	AT AA	373	262	0.9% (-0.01% - 1.9%)	0.052	0.33	51	60	12.5% (1.8% - 24.3%)	0.021	0.21	50	58	9.7% (-0.3% - 20.7%)	0.059	0.81
<i>IL10RA</i>	GG	163	119	0.6% (-0.8% - 2.0%)	0.42		34	30	9.0% (-2.9% - 22.3%)	0.14		31	29	21.1% (4.3% - 40.7%)	0.012	
3'UTR,Ex7-109G>A rs9610	AG AA	428	329	0.5% (-0.3% - 1.4%)	0.22	0.85	58	65	8.2% (-0.4% - 17.6%)	0.063	0.72	58	61	5.7% (-3.3% - 15.4%)	0.22	0.17
<i>IL12B</i>	AA	351	276	0.5% (-0.4% - 1.4%)	0.27		47	58	10.0% (-0.5% - 21.7%)	0.064		46	55	11.3% (0.5% - 23.3%)	0.040	
3'UTR,Ex8+159A>C rs3212227	AC CC	235	172	0.7% (-0.5% - 1.9%)	0.25	0.80	44	35	5.1% (-3.6% - 14.6%)	0.26	0.21	42	33	0.9% (-8.6% - 11.3%)	0.87	0.40
<i>IL13</i>	CC	348	285	0.5% (-0.4% - 1.4%)	0.25		52	60	7.4% (-0.2% - 15.7%)	0.056		50	58	4.8% (-3.5% - 13.7%)	0.27	
C-1069T rs1800925	CT TT	249	170	1.0% (-0.2% - 2.2%)	0.096	0.54	41	36	8.6% (-4.1% - 23.1%)	0.19	0.74	40	33	17.1% (2.8% - 33.4%)	0.018	0.42
<i>IL15</i>	CC	261	170	0.7% (-0.4% - 1.8%)	0.24		40	39	4.8% (-4.8% - 15.5%)	0.34		37	35	6.7% (-4.3% - 18.9%)	0.24	
3'UTR,Ex9-66T>C rs10833	CT TT	316	267	0.7% (-0.2% - 1.7%)	0.14	0.79	53	57	10.3% (0.6% - 20.9%)	0.037	0.37	53	56	8.3% (-1.1% - 18.6%)	0.085	0.42
<i>IL15RA</i>	GG	166	123	0.2% (-1.2% - 1.7%)	0.74		27	36	9.2% (-4.9% - 25.4%)	0.21		26	34	8.5% (-5.5% - 24.7%)	0.25	

Gene Alias/polymorphism rs number	Genotype	PCB 180 in Carpet Dust					PCB 180 in Plasma					TEQ in Plasma				
		Ca	Co	NHL Risk (a)	p	P inter	Ca	Co	NHL Risk (b)	P	P interaction	Ca	Co	NHL Risk (c)	P	p interaction
3'UTR,Ex8-361A>C rs2296135	GT TT	409	310	0.8% (-0.04% - 1.7%)	0.061	0.59	65	60	6.4% (-1.1% - 14.5%)	0.094	0.18	63	57	10.9% (1.5% - 21.2%)	0.022	0.68
<i>JAK3</i>	CC	100	91	1.7% (-0.1% - 3.6%)	0.065		23	30	25.2% (5.1% - 49.1%)	0.012		22	27	31.1% (4.7% - 64.2%)	0.018	
3'UTR,Ex23+291A>G rs3008	CT TT	321	240	0.7% (-0.3% - 1.7%)	0.17	0.37	70	66	6.2% (-1.4% - 14.4%)	0.11	0.14	68	64	6.6% (-1.4% - 15.1%)	0.11	0.13
<i>LTA</i>	CC	217	156	0.2% (-0.9% - 1.4%)	0.71		33	27	3.5% (-10.0% - 19.0%)	0.63		32	24	-3.8% (-16.1% - 10.4%)	0.58	
C-91A rs2239704	AC AA	320	258	0.7% (-0.3% - 1.6%)	0.17	0.64	42	55	4.7% (-3.4% - 13.5%)	0.26	0.95	40	53	12.6% (1.5% - 25.1%)	0.026	0.24
<i>SELE</i>	AA	324	258	0.5% (-0.4% - 1.5%)	0.29		72	77	5.8% (-1.0% - 13.2%)	0.096		70	72	7.9% (0.1% - 16.4%)	0.048	
S149R Rs5361	AC CC	84	60	2.9% (0.7% - 5.1%)	0.010	0.14	19	17	18.7% (-3.4% - 46.0%)	0.10	0.17	18	17	10.3% (-7.3% - 31.3%)	0.27	0.75
<i>STAT1</i>	CC	222	189	0.9% (-0.3% - 2.1%)	0.13		48	62	8.5% (-0.1% - 17.9%)	0.053		47	61	6.0% (-2.8% - 15.6%)	0.19	
IVS21-8C>T rs2066804	CT TT	187	130	1.2% (-0.2% - 2.6%)	0.085	0.98	45	32	8.4% (-2.8% - 20.8%)	0.15	0.74	43	28	12.0% (-1.4% - 27.3%)	0.082	0.51
<i>TLR4</i> (d)	AA	521	405	0.7% (-0.1% - 1.4%)	0.078		89	85				86	82			
D299G rs4986790	AG GG	63	45	-0.5% (-2.9% - 1.8%)	0.66	0.47	4	11				4	9			
<i>TNF</i>	GG	436	345	0.9% (0.05% - 1.7%)	0.039		62	68	7.5% (-0.2% - 15.8%)	0.056		60	63	8.8% (0.5% - 17.8%)	0.036	
G-308A rs1800629	AG AA	165	113	-0.1% (-1.5% - 1.3%)	0.90	0.32	31	28	9.2% (-4.7% - 25.3%)	0.21	0.57	30	28	6.6% (-9.3% - 25.3%)	0.44	0.87
<i>TNF</i>	GG	526	392	0.5%	0.18		79	88	8.8%	0.015		76	83	8.9%	0.027	

Gene Alias/polymorphism rs number	Genotype	PCB 180 in Carpet Dust					PCB 180 in Plasma					TEQ in Plasma				
		Ca	Co	NHL Risk (a)	p	P inter	Ca	Co	NHL Risk (b)	P	P interaction	Ca	Co	NHL Risk (c)	P	p interaction
G-238A rs361525	AG AA	58	57	(-0.2% - 1.3%) 1.6% (-0.8% - 4.1%)	0.19	0.30	14	8	(1.7% - 16.5%) 0.5% (-25.6% - 35.7%)	0.97	0.80	14	8	(1.0% - 17.4%) -9.0% (-38.6% - 36.1%)	0.65	0.75
	TNF	489	364	0.7% (-0.1% - 1.5%)	0.095		80	81	8.7% (1.6% - 16.3%)	0.015		77	76	7.8% (0.4% - 15.7%)	0.037	
C-857T rs1799724	CT TT	98	89	0.1% (-1.6% - 1.8%)	0.93	0.39	12	15	-89.7%	0.32	0.62	12	15	-10.1% (-40.9% - 36.7%)	0.62	0.83
	TNF	381	304	0.3% (-0.5% - 1.2%)	0.43		52	62	8.2% (-0.01% - 17.1%)	0.050		51	61	11.6% (1.5% - 22.6%)	0.023	
A-863C rs1800630	AC AA	173	115	0.9% (-0.5% - 2.4%)	0.21	0.23	38	29	11.6% (-1.6% - 26.5%)	0.086	0.93	36	25	5.9% (-6.8% - 20.4%)	0.38	0.62
	VCAM1	398	309	0.4% (-0.4% - 1.3%)	0.35		66	66	5.8% (-1.6% - 13.8%)	0.13		64	62	5.6% (-2.4% - 14.3%)	0.17	
T-1519C rs1041163	CT CC	173	138	0.9% (-0.4% - 2.2%)	0.16	0.34	27	27	13.8% (-1.6% - 31.6%)	0.081	0.29	26	26	13.8% (-4.0% - 34.7%)	0.14	0.19
	VCAM1 (d)	532	399	0.6% (-0.1% - 1.4%)	0.11		87	85				84	80			
K644K rs3176879	AG GG	52	51	0.4% (-2.1% - 3.0%)	0.75	0.97	6	10				6	10			

- (a) Increase in NHL risk for each 10% increase in ng/g of PCB180 in carpet dust
(b) Increase in NHL risk for each 10% increase in pg/g lipid of PCB180 in plasma
(c) Increase in NHL risk for each 10% increase in pg/g lipid of TEQ in plasma
(d) Insufficient numbers for stratified analysis for plasma measurements
(e) Insufficient numbers for stratified analysis for dust measurements