Gene name		All NHL			B cell lymphoma			T cell lymphoma		
SNP database ID (nucleotide change)	**Controls n (%)**	**Cases n (%)**	**Odds ratio (95% CI)**	**P-Value**	**Cases n (%)**	**Odds ratio (95% CI)**	**P-Value**	**Cases n (%)**	**Odds ratio (95% CI)**	**P-Value**
Th1 genes										
IFNG s1861494 (IVS3+284G>A)										
AA	275 (51)	248 (54)			201 (55)			13 (39)		
AG	210 (39)	171 (37)	0.89 (0.68-1.16)	0.38	132 (36)	0.84 (0.63-1.12)	0.23	18 (55)	1.91 (0.90-4.02)	0.091
GG	50 (9)	40 (9)	0.91 (0.58-1.43)	0.67	35 (10)	0.98 (0.61-1.57)	0.92	2 (6)§		
AG or GG	260 (49)	211 (46)	0.89 (0.69-1.15)	0.37	167 (45)	0.87 (0.66-1.13)	0.29	20 (61)	1.71 (0.82-3.54)	0.15
Trend				0.44			0.48			
IFNG rs2069705 (-1615C>T)										
TT	234 (44)	208 (45)			171 (47)			12 (36)		
CT	233 (44)	194 (42)	0.93 (0.71-1.21)	0.58	151 (41)	0.88 (0.66-1.17)	0.38	16 (48)	1.31 (0.60-2.84)	0.50
CC	65 (12)	56 (12)	1.01 (0.67-1.52)	0.97	45 (12)	0.99 (0.64-1.53)	0.98	5 (15)	1.50 (0.50-4.45)	0.47
CT or CC	298 (56)	250 (55)	0.94 (0.73-1.22)	0.66	196 (53)	0.90 (0.69-1.18)	0.46	21 (64)	1.35 (0.65-2.81)	0.42
Trend				0.83			0.68			0.40
IFNGR1 rs3799488 (IVS6-4G>A)										
AA	413 (77)	358 (79)			287 (79)			28 (85)		
AG	114 (21)	92 (20)	0.95 (0.69-1.30)	0.74	73 (20)	0.93 (0.66-1.29)	0.66	5 (15)	0.67 (0.25-1.77)	0.42
GG	8 (2)	6 (1)	0.83 (0.29-2.43)	0.74	5 (1)	0.86 (0.28-2.68)	0.80	0 (0)		
AG or GG	122 (23)	98 (21)	0.94 (0.69-1.28)	0.70	78 (21)	0.92 (0.67-1.28)	0.63	5 (15)	0.62 (0.23-1.66)	0.34
Trend				0.66			0.62			
IFNGR2 rs2070385 (Q64R Ex2-16A>G)										
AA	436 (77)	382 (79)			307 (79)			26 (72)		
AG	120 (21)	94 (19)	0.91 (0.67-1.24)	0.57	76 (20)	0.93 (0.67-1.28)	0.65	9 (25)	1.2 (0.54-2.66)	0.66
GG	11 (2)	9 (2)	1.03 (0.41-2.57)	0.95	6 (2)	0.88 (0.32-2.46)	0.81	1 (3)		
AG or GG	131 (23)	103 (21)	0.92 (0.69-1.24)	0.60	82 (21)	0.92 (0.67-1.27)	0.62	10 (28)	1.22 (0.56-2.64)	0.62
Trend				0.66			0.62			
IFNGR2 rs1059293 (Ex7-128C>T)										
CC	173 (32)	132 (29)			104 (28)			14 (42)		
CT	252 (47)	232 (51)	1.21 (0.90-1.61)	0.21	183 (50)	1.21 (0.89-1.66)	0.22	15 (45)	0.74 (0.35-1.58)	0.44
TT	110 (21)	94 (21)	1.17 (0.81-1.67)	0.41	80 (22)	1.28 (0.87-1.88)	0.20	4 (13)		
CT or TT	362 (68)	326 (71)	1.19 (0.91-1.57)	0.20	263 (72)	1.23 (0.92-1.65)	0.16	19 (58)	0.65 (0.32-1.33)	0.24
Trend				0.33			0.18			

IL2 rs2069762 (IVS1-100G>T)										
TT	296 (51)	231 (46)			182 (46)			23 (61)		
GT	226 (39)	214 (43)	1.23 (0.95-1.59)	0.12	170 (43)	1.21 (0.92-1.59)	0.17	14 (37)	0.83 (0.41-1.66)	0.59
GG	53 (9)	57 (11)	1.37 (0.90-2.07)	0.14	48 (12)	1.43 (0.93-2.21)	0.11	1 (2)		
GT or GG	279 (49)	271 (54)	1.25 (0.98-1.60)	0.068	218 (55)	1.25 (0.97-1.62)	0.085	15 (39)	0.72 (0.36-1.43)	0.35
Trend				0.062			0.061			
IL7R rs1494555 (Ex4+33G>A)										
AA	245 (46)	205 (45)			171 (47)			9 (28)		
AG	220 (41)	204 (45)	1.09 (0.83-1.42)	0.55	163 (45)	1.04 (0.78-1.38)	0.80	19 (59)	2.48 (1.08-5.73)	**0.033**
GG	67 (13)	43 (10)	0.76 (0.49-1.16)	0.20	29 (8)	0.61 (0.38-0.99)	**0.046**	4 (13)		
AG or GG	287 (54)	247 (55)	1.01 (0.78-1.30)	0.94	192 (53)	0.94 (0.72-1.23)	0.66	23 (72)	2.32 (1.03-5.25)	**0.042**
Trend				0.50			0.18			
IL12A rs568408 (Ex7+277A>G)										
GG	423 (73)	361 (73)			286 (73)			27 (71)		
AG	141 (24)	127 (26)	1.08 (0.82-1.43)	0.60	99 (25)	1.07 (0.79-1.45)	0.65	11 (29)	1.22 (0.59-2.54)	0.59
AA	18 (3)	8 (2)	0.52 (0.22-1.22)	0.13	7 (2)	0.61 (0.25-1.50)	0.28	0 (0)		
AG or AA	159 (27)	135 (27)	1.02 (0.77-1.33)	0.91	106 (27)	1.02 (0.76-1.37)	0.89	11 (29)	1.08 (0.52-2.24)	0.84
Trend				0.71			0.82			
IL12A rs582054 (IVS2-798A>T)										
TT	171 (32)	136 (30)			111 (30)			12 (36)		
AT	257 (48)	225 (49)	1.09 (0.82-1.46)	0.56	180 (49)	1.07 (0.79-1.46)	0.66	16 (48)	0.89 (0.41-1.93)	0.76
AA	106 (20)	96 (21)	1.14 (0.80-1.63)	0.47	76 (21)	1.10 (0.75-1.61)	0.64	5 (15)	0.69 (0.24-2.03)	0.50
AT or AA	363 (68)	321 (70)	1.10 (0.84-1.45)	0.48	256 (70)	1.08 (0.81-1.44)	0.61	21 (64)	0.83 (0.40-1.74)	0.62
Trend				0.46			0.62			0.51
IL12B rs3212227 (Ex8+159A>C)										
AA	368 (65)	301 (63)			238 (62)			27 (79)		
AC	178 (31)	154 (32)	1.07 (0.82-1.39)	0.63	127 (33)	1.12 (0.85-1.49)	0.42	5 (15)	0.39 (0.15-1.03)	0.057
CC	23 (4)	24 (5)	1.25 (0.69-2.27)	0.46	19 (5)	1.28 (0.68-2.41)	0.45	2 (6)		
AC or CC	201 (35)	178 (37)	1.09 (0.84-1.41)	0.51	146 (38)	1.14 (0.87-1.50)	0.34	7 (21)	0.47 (0.20-1.1)	0.081
Trend				0.43			0.30			

IL15 rs10833 (Ex9-66T>C)										
CC	236 (44)	201 (44)			162 (44)			14 (42)		
CT	230 (43)	203 (44)	1.00 (0.76-1.31)	0.99	158 (43)	0.96 (0.71-1.28)	0.76	16 (48)	1.19 (0.56-2.56)	0.65
TT	69 (13)	53 (12)	0.86 (0.57-1.30)	0.48	46 (13)	0.91 (0.59-1.40)	0.67	3 (10)		
CT or TT	299 (56)	256 (56)	0.97 (0.75-1.25)	0.79	204 (56)	0.95 (0.72-1.24)	0.69	19 (58)	1.09 (0.52-2.28)	0.81
Trend				0.58			0.65			
IL15RA rs2296135 (Ex8-361T>G)										
GG	151 (28)	113 (25)			93 (25)			10 (31)		
GT	250 (47)	228 (50)	1.19 (0.88-1.61)	0.27	177 (48)	1.11 (0.80-1.53)	0.54	17 (53)	1.06 (0.47-2.39)	0.90
TT	130 (24)	114 (25)	1.16 (0.81-1.65)	0.41	95 (26)	1.16 (0.80-1.69)	0.43	5 (16)	0.62 (0.20-1.87)	0.39
GT or TT	380 (72)	342 (75)	1.18 (0.88-1.57)	0.26	272 (75)	1.13 (0.83-1.53)	0.45	22 (69)	0.91 (0.42-1.99)	0.82
Trend				0.40			0.43			0.45
LTA rs909253 (IVS1+90G>A)										
AA	274 (46)	240 (46)			197 (48)			21 (54)		
AG	254 (43)	218 (42)	0.98 (0.76-1.26)	0.86	170 (41)	0.94 (0.71-1.22)	0.63	12 (31)	0.58 (0.27-1.21)	0.15
GG	65 (11)	59 (11)	1.05 (0.71-1.56)	0.80	44 (11)	0.96 (0.62-1.46)	0.83	6 (15)	1.33 (0.51-3.46)	0.56
AG or GG	319 (54)	277 (54)	0.99 (0.78-1.26)	0.95	214 (52)	0.94 (0.73-1.21)	0.63	18 (46)	0.72 (0.37-1.39)	0.32
Trend				0.92			0.69			0.81
LTA rs2239704 (Ex1+49C>A)										
CC	186 (37)	165 (40)			130 (39)			14 (50)		
AC	226 (45)	189 (45)	0.92 (0.69-1.23)	0.59	151 (45)	0.94 (0.7-1.28)	0.72	8 (29)	0.42 (0.17-1.04)	0.062
AA	87 (17)	63 (15)	0.82 (0.56-1.21)	0.33	51 (15)	0.84 (0.56-1.28)	0.42	6 (21)	0.92 (0.34-2.50)	0.88
AC or AA	313 (63)	252 (60)	0.90 (0.68-1.17)	0.42	202 (61)	0.92 (0.69-1.22)	0.55	14 (50)	0.56 (0.26-1.20)	0.13
Trend				0.32			0.43			0.49
TNF rs1800629 (-308G>A)										
GG	430 (72)	360 (70)			285 (70)			32 (84)		
AG	146 (25)	140 (27)	1.15 (0.88-1.51)	0.32	112 (27)	1.16 (0.87-1.55)	0.31	6 (16)	0.57 (0.23-1.40)	0.22
AA	19 (3)	13 (3)	0.80 (0.39-1.65)	0.54	11 (3)	0.84 (0.39-1.80)	0.65	0 (0)		
AG or AA	165 (28)	153 (30)	1.11 (0.85-1.44)	0.44	123 (30)	1.12 (0.85-1.49)	0.41	6 (16)	0.51 (0.21-1.24)	0.14
Trend				0.66			0.60			

TNF rs361525 (-417A>G)										
GG	492 (88)	425 (90)			338 (89)			29 (88)		
AG	60 (11)	46 (10)	0.91 (0.6-1.37)	0.64	39 (10)	0.96 (0.62-1.48)	0.85	4 (12)		
AA	5 (1)	3 (0)			3 (1)					
AG or AA	65 (12)	49 (10)	0.89 (0.6-1.32)	0.55	41 (11)	0.93 (0.61-1.41)	0.72	4 (12)		
TNF rs1799724 (-1036C>T)										
CC	431 (78)	363 (76)			295 (77)			26 (79)		
CT	119 (21)	110 (23)	1.10 (0.82-1.47)	0.54	84 (22)	1.04 (0.76-1.43)	0.82	6 (18)	0.82 (0.33-2.04)	0.67
TT	6 (1)	4 (1)			3 (1)			1 (3)		
CT or TT	125 (22)	114 (24)	1.08 (0.81-1.45)	0.60	87 (23)	1.02 (0.75-1.40)	0.88	7 (21)	0.91 (0.38-2.15)	0.83

Th2 genes										
IL4 rs2243250 (-588C>T)										
CC	413 (71)	350 (70)			276 (70)			28 (76)		
CT	140 (24)	132 (27)	1.13 (0.85-1.50)	0.39	107 (27)	1.19 (0.88-1.60)	0.26	8 (22)	0.76 (0.33-1.75)	0.52
TT	26 (4)	16 (3)	0.72 (0.37-1.43)	0.35	12 (3)	0.79 (0.38-1.65)	0.53	1 (2)		
CT or TT	166 (29)	148 (30)	1.08 (0.82-1.41)	0.59	119 (30)	1.14 (0.85-1.51)	0.39	9 (24)	0.69 (0.30-1.58)	0.39
Trend				0.94			0.65			
IL4 rs2070874 (Ex1-168C>T)										
CC	419 (73)	348 (71)			274 (71)			27 (75)		
CT	130 (23)	129 (26)	1.22 (0.91-1.62)	0.18	106 (27)	1.29 (0.95-1.75)	0.10	9 (25)	0.98 (0.44-2.19)	0.96
TT	26 (5)	10 (2)	0.48 (0.22-1.02)	0.056	8 (2)	0.51 (0.23-1.17)	0.11	0 (0)		
CT or TT	156 (27)	139 (29)	1.10 (0.84-1.45)	0.50	114 (29)	1.17 (0.88-1.57)	0.28	9 (25)	0.82 (0.36-1.83)	0.62
Trend				0.88			0.78			
IL4 rs2243290 (IVS3-9C>T)										
CC	383 (72)	332 (73)			264 (72)			23 (72)		
AC	129 (24)	114 (25)	1.02 (0.76-1.37)	0.89	94 (26)	1.07 (0.78-1.47)	0.66	9 (28)	1.09 (0.48-2.47)	0.83
AA	22 (4)	9 (2)	0.51 (0.23-1.13)	0.10	7 (2)	0.51 (0.21-1.24)	0.14	0 (0)		
AC or AA	151 (28)	123 (27)	0.95 (0.72-1.27)	0.74	101 (28)	1.00 (0.74-1.35)	1.00	9 (28)	0.95 (0.42-2.14)	0.89
Trend				0.39			0.60			
IL4 rs2243268 (IVS2-1443A>C)										
AA	383 (72)	334 (74)			267 (73)			23 (72)		
AC	131 (25)	110 (24)	0.96 (0.71-1.29)	0.78	90 (25)	0.99 (0.72-1.36)	0.96	9 (28)	1.09 (0.48-2.46)	0.84
CC	20 (4)	9 (2)	0.57 (0.25-1.30)	0.18	7 (2)	0.57 (0.23-1.38)	0.21	0 (0)		
AC or CC	151 (28)	119 (26)	0.91 (0.69-1.21)	0.53	97 (27)	0.94 (0.69-1.27)	0.69	9 (28)	0.96 (0.43-2.16)	0.92
Trend				0.33			0.46			
IL10 rs3024509 (IVS3-58T>C)										
TT	459 (86)	400 (88)			320 (87)			29 (88)		
CT	71 (13)	56 (12)	0.89 (0.61-1.29)	0.53	45 (12)	0.88 (0.59-1.32)	0.54	4 (12)		
CC	3 (1)	1 (0)			1 (1)					
CT or CC	74 (14)	57 (12)	0.86 (0.59-1.25)	0.44	46 (13)	0.86 (0.58-1.28)	0.47	4 (12)		

IL10 rs3024496 (Ex5+210T>C)										
TT	170 (32)	125 (27)			97 (27)			9 (27)		
CT	271 (51)	231 (51)	1.15 (0.86-1.54)	0.35	185 (51)	1.20 (0.88-1.64)	0.26	17 (52)	1.19 (0.51-2.73)	0.69
CC	88 (17)	101 (22)	1.55 (1.07-2.24)	**0.021**	84 (23)	1.67 (1.13-2.47)	**0.011**	7 (21)	1.51 (0.54-4.22)	0.43
CT or CC	359 (68)	332 (73)	1.25 (0.95-1.65)	0.12	269 (74)	1.31 (0.98-1.77)	0.072	24 (73)	1.27 (0.57-2.79)	0.56
Trend				**0.024**			**0.012**			0.44
IL10 rs3024491 (IVS1-286G>T)										
GG	177 (33)	130 (29)			99 (27)			10 (30)		
GT	269 (50)	226 (50)	1.15 (0.86-1.53)	0.36	183 (50)	1.22 (0.89-1.67)	0.21	16 (48)	1.08 (0.47-2.45)	0.86
TT	87 (16)	99 (22)	1.54 (1.07-2.23)	**0.022**	82 (23)	1.67 (1.13-2.48)	**0.01**	7 (21)	1.48 (0.54-4.07)	0.45
GT or TT	356 (67)	325 (71)	1.24 (0.94-1.63)	0.12	265 (73)	1.33 (0.99-1.79)	0.057	23 (70)	1.17 (0.54-2.54)	0.69
Trend				**0.026**			**0.011**			0.48
IL10RA rs9610 (Ex7-109A>G)										
GG	172 (30)	154 (32)			118 (31)			13 (37)		
AG	267 (47)	224 (47)	0.97 (0.73-1.28)	0.82	187 (49)	1.06 (0.78-1.43)	0.71	11 (31)	0.56 (0.24-1.29)	0.17
AA	131 (23)	102 (21)	0.88 (0.62-1.23)	0.44	77 (20)	0.88 (0.61-1.27)	0.49	11 (31)	1.12 (0.48-2.59)	0.80
AG or AA	398 (70)	326 (68)	0.94 (0.72-1.22)	0.63	264 (69)	1.00 (0.75-1.33)	0.99	22 (63)	0.75 (0.37-1.52)	0.42
Trend				0.46			0.55			0.90
IL13 rs20541 (Ex4+98A>G)										
GG	347 (64)	290 (63)			230 (63)			21 (64)		
AG	176 (32)	156 (34)	1.07 (0.82-1.40)	0.61	125 (34)	1.08 (0.81-1.43)	0.61	10 (30)	0.97 (0.45-2.12)	0.95
AA	19 (4)	16 (3)	0.94 (0.47-1.87)	0.86	13 (4)	0.96 (0.46-1.99)	0.92	2 (6)		
AG or AA	195 (36)	172 (37)	1.06 (0.82-1.37)	0.66	138 (38)	1.06 (0.81-1.40)	0.66	12 (36)	1.05 (0.50-2.18)	0.90
Trend				0.77			0.75			
IL13 rs1800925 (-1069C>T)										
CC	368 (63)	292 (59)			234 (59)			24 (63)		
CT	195 (33)	184 (37)	1.20 (0.93-1.54)	0.17	148 (37)	1.21 (0.92-1.58)	0.17	10 (26)	0.76 (0.35-1.63)	0.48
TT	20 (3)	22 (4)	1.40 (0.75-2.64)	0.29	13 (3)	1.05 (0.51-2.17)	0.89	4 (11)		
CT or TT	215 (37)	206 (41)	1.21 (0.95-1.56)	0.12	161 (41)	1.19 (0.92-1.55)	0.19	14 (37)	0.96 (0.48-1.91)	0.91
Trend				0.11			0.26			

IL13 rs1295686 (IVS3-24T>C)										
CC	321 (60)	272 (59)			218 (59)			19 (58)		
CT	185 (35)	165 (36)	1.08 (0.82-1.41)	0.58	133 (36)	1.09 (0.82-1.45)	0.55	12 (36)	1.06 (0.50-2.27)	0.88
TT	27 (5)	21 (5)	0.88 (0.47-1.65)	0.69	16 (4)	0.89 (0.45-1.77)	0.74	2 (6)		
CT or TT	212 (40)	186 (41)	1.06 (0.81-1.37)	0.68	149 (41)	1.07 (0.81-1.41)	0.63	14 (42)	1.05 (0.50-2.19)	0.90
Trend				0.87			0.80			
JAK3 rs3008 Ex23+291T>C										
TT	157 (29)	129 (28)			109 (30)			3 (9)		
CT	283 (53)	242 (53)	1.05 (0.78-1.41)	0.74	192 (52)	0.99 (0.73-1.35)	0.96	23 (70)	4.28 (1.26-14.51)	**0.02**
CC	95 (18)	85 (19)	1.10 (0.75-1.60)	0.63	65 (18)	1.01 (0.67-1.51)	0.96	7 (21)	3.59 (0.90-14.32)	0.07
CT or CC	378 (71)	327 (72)	1.06 (0.80-1.40)	0.67	257 (70)	1.00 (0.74-1.34)	0.98	30 (91)	4.10 (1.23-13.67)	**0.021**
Trend				0.62			0.98			0.07
CTLA4 rs231775 (Ex1-61A>G)										
AA	217 (41)	176 (38)			140 (38)			11 (33)		
AG	227 (43)	217 (47)	1.17 (0.89-1.54)	0.26	175 (48)	1.19 (0.89-1.60)	0.23	16 (48)	1.34 (0.61-2.96)	0.47
GG	90 (17)	65 (14)	0.90 (0.62-1.32)	0.61	52 (14)	0.91 (0.60-1.36)	0.63	6 (18)	1.39 (0.50-3.90)	0.53
AG or GG	317 (59)	282 (62)	1.10 (0.85-1.42)	0.48	227 (62)	1.11 (0.85-1.46)	0.45	22 (67)	1.35 (0.64-2.86)	0.43
Trend				0.97			1.00			0.46

* Odds ratios adjusted for age and race. Further adjustment for family history yielded similar results.

§ Odds ratio not given for cells with less than 5 subjects.