Gene name SNP database ID (nucleotide change)		Diffuse large B-cell lymphoma			Follicular		
	Controls n (%)	**Cases n (%)**	**Odds ratio (95% CI)**	**P-Value**	**Cases n (%)**	**Odds ratio (95% CI)**	**P-Value**
Th1 genes							
IFNG rs1861494 (IVS3+284G>A)							
AA	275 (51)	82 (56)			58 (55)		
AG	210 (39)	54 (37)	0.84 (0.57-1.25)	0.39	33 (31)	0.70 (0.44-1.12)	0.14
GG	50 (9)	11 (7)	0.73 (0.36-1.48)	0.39	14 (13)	1.37 (0.70-2.68)	0.35
AG or GG	260 (49)	65 (44)	0.82 (0.57-1.19)	0.30	47 (45)	0.82 (0.54-1.26)	0.37
Trend				0.27			0.96
IFNG rs2069705 (-1615C>T)							
TT	234 (44)	70 (48)			49 (47)		
CT	233 (44)	60 (41)	0.85 (0.57-1.25)	0.41	41 (39)	0.82 (0.52-1.30)	0.40
CC	65 (12)	16 (11)	0.84 (0.46-1.56)	0.59	15 (14)	1.17 (0.61-2.25)	0.63
CT or CC	298 (56)	76 (52)	0.85 (0.58-1.22)	0.38	56 (53)	0.89 (0.58-1.36)	0.60
Trend				0.43			1.00
IFNGR1 rs3799488 (IVS6-4G>A)							
AA	413 (77)	113 (78)			91 (87)		
AG	114 (21)	29 (20)	0.92 (0.58-1.47)	0.74	12 (11)	0.48 (0.25-0.91)	**0.025**
GG	8 (2)				2 (2)		
AG or GG	122 (23)	32 (22)	0.95 (0.61-1.49)	0.83	14 (13)	0.52 (0.29-0.96)	**0.036**
IFNGR2 rs2070385 (Q64R Ex2-16A>G)							
AA	436 (77)	119 (77)			86 (78)		
AG	120 (21)	35 (23)	1.09 (0.71-1.68)	0.70	22 (20)	0.99 (0.59-1.65)	0.96
GG	11 (2)	1 (0)			2 (2)		
AG or GG	131 (23)	36 (23)	1.04 (0.68-1.59)	0.86	24 (22)	1.00 (0.61-1.66)	0.99
IFNGR2 rs1059293 (Ex7-128C>T)							
CC	173 (32)	46 (31)			29 (28)		
CT	252 (47)	67 (46)	1.00 (0.66-1.53)	0.99	52 (50)	1.25 (0.76-2.05)	0.38
TT	110 (21)	34 (23)	1.24 (0.74-2.07)	0.41	24 (23)	1.45 (0.79-2.64)	0.23
CT or TT	362 (68)	101 (69)	1.07 (0.72-1.59)	0.73	76 (72)	1.30 (0.82-2.08)	0.27
Trend				0.45			0.22
IL2 rs2069762 (IVS1-100G>T)							
TT	296 (51)	86 (55)			49 (42)		
GT	226 (39)	55 (35)	0.82 (0.56-1.20)	0.31	56 (48)	1.47 (0.96-2.24)	0.078
GG	53 (9)	16 (10)	0.99 (0.54-1.82)	0.97	12 (10)	1.33 (0.66-2.69)	0.43
GT or GG	279 (49)	71 (45)	0.85 (0.60-1.22)	0.38	68 (58)	1.44 (0.96-2.16)	0.079
Trend				0.58			0.14
IL7R rs1494555 (Ex4+33G>A)							
AA	245 (46)	67 (47)			52 (50)		
AG	220 (41)	67 (47)	1.09 (0.74-1.61)	0.65	41 (39)	0.86 (0.55-1.35)	0.51
GG	67 (13)	10 (7)	0.55 (0.27-1.13)	0.10	11 (11)	0.77 (0.38-1.58)	0.48
AG or GG	287 (54)	77 (53)	0.97 (0.67-1.41)	0.88	52 (50)	0.84 (0.55-1.29)	0.42
Trend				0.32			0.40

IL12A rs568408 (Ex7+277A>G)							
GG	423 (73)	107 (69)			87 (78)		
AG	141 (24)	43 (28)	1.23 (0.82-1.85)	0.32	25 (22)	0.89 (0.55-1.45)	0.65
AA	18 (3)	6 (4)	1.51 (0.58-3.96)	0.40	0 (0)		0.98
AG or AA	159 (27)	49 (31)	1.26 (0.85-1.86)	0.24	25 (22)	0.80 (0.49-1.29)	0.36
Trend				0.22			
IL12A rs582054 (IVS2-798A>T)							
TT	171 (32)	44 (30)			30 (29)		
AT	257 (48)	75 (51)	1.12 (0.74-1.71)	0.59	45 (43)	1.04 (0.62-1.72)	0.89
AA	106 (20)	28 (19)	0.99 (0.58-1.70)	0.98	30 (29)	1.69 (0.95-2.99)	0.073
AT or AA	363 (68)	103 (70)	1.09 (0.73-1.62)	0.69	75 (71)	1.22 (0.77-1.95)	0.40
Trend				0.94			0.087
IL12B rs3212227 (Ex8+159A>C)							
AA	368 (65)	96 (64)			67 (61)		
AC	178 (31)	48 (32)	1.03 (0.70-1.53)	0.88	36 (33)	1.14 (0.73-1.78)	0.57
CC	23 (4)	7 (5)	1.18 (0.49-2.86)	0.71	6 (6)	1.45 (0.56-3.75)	0.44
AC or CC	201 (35)	55 (36)	1.05 (0.72-1.53)	0.80	42 (39)	1.17 (0.77-1.80)	0.46
Trend				0.74			0.39
IL15 rs10833 (Ex9-66T>C)							
CC	236 (44)	64 (44)			43 (41)		
CT	230 (43)	65 (44)	0.99 (0.67-1.48)	0.98	46 (44)	1.02 (0.64-1.62)	0.93
TT	69 (13)	18 (12)	0.91 (0.50-1.65)	0.76	16 (15)	1.17 (0.62-2.23)	0.63
CT or TT	299 (56)	83 (56)	0.98 (0.67-1.42)	0.90	62 (59)	1.06 (0.68-1.63)	0.81
Trend				0.80			0.68
IL15RA rs2296135 (Ex8-361T>G)							
GG	151 (28)	36 (24)			24 (23)		
GT	250 (47)	70 (48)	1.13 (0.72-1.79)	0.59	53 (51)	1.29 (0.76-2.20)	0.34
TT	130 (24)	41 (28)	1.28 (0.77-2.14)	0.34	26 (25)	1.22 (0.66-2.25)	0.53
GT or TT	380 (72)	111 (76)	1.18 (0.77-1.81)	0.44	79 (77)	1.27 (0.77-2.09)	0.35
Trend				0.34			0.52
LTA rs909253 (IVS1+90G>A)							
AA	274 (46)	75 (47)			60 (50)		
AG	254 (43)	68 (42)	0.98 (0.67-1.42)	0.90	46 (39)	0.83 (0.54-1.27)	0.40
GG	65 (11)	18 (11)	1.06 (0.59-1.90)	0.85	13 (11)	0.96 (0.49-1.86)	0.90
AG or GG	319 (54)	86 (53)	0.99 (0.70-1.41)	0.97	59 (50)	0.86 (0.58-1.28)	0.45
Trend				0.94			0.61
LTA rs2239704 (Ex1+49C>A)							
CC	186 (37)	50 (39)			42 (42)		
AC	226 (45)	56 (44)	0.91 (0.59-1.40)	0.68	41 (41)	0.76 (0.47-1.23)	0.26
AA	87 (17)	21 (17)	0.90 (0.51-1.59)	0.71	16 (16)	0.84 (0.44-1.58)	0.58
AC or AA	313 (63)	77 (61)	0.91 (0.61-1.36)	0.64	57 (58)	0.78 (0.50-1.22)	0.27
Trend				0.66			0.42
TNF rs1800629 (-308G>A)							
GG	430 (72)	106 (66)			87 (73)		
AG	146 (25)	51 (32)	1.39 (0.95-2.05)	0.094	26 (22)	0.91 (0.56-1.48)	0.71
AA	19 (3)	3 (2)§			6 (5)	1.51 (0.58-3.93)	0.40
AG or AA	165 (28)	54 (34)	1.30 (0.89-1.90)	0.17	32 (27)	0.98 (0.63-1.54)	0.95
Trend							0.80

TNF rs361525 (-417A>G)							
GG	492 (88)	134 (89)			92 (85)		
AG	60 (11)	15 (10)	0.89 (0.49-1.63)	0.71	15 (14)	1.31 (0.71-2.43)	0.39
AA	5 (1)	1 (1)			1 (1)		
AG or AA	65 (12)	16 (11)	0.88 (0.49-1.57)	0.66	16 (15)	1.29 (0.71-2.34)	0.41
TNF rs1799724 (-1036C>T)							
CC	431 (78)	118 (78)			87 (80)		
CT	119 (21)	31 (21)	0.95 (0.60-1.48)	0.81	21 (19)	0.90 (0.54-1.52)	0.70
TT	6 (1)	2 (1)			1 (1)		
CT or TT	125 (22)	33 (22)	0.96 (0.62-1.49)	0.87	22 (20)	0.90 (0.54-1.50)	0.69
Th2 genes							
IL4 rs2243250 (-588C>T)							
CC	413 (71)	109 (69)			75 (68)		
CT	140 (24)	44 (28)	1.24 (0.83-1.86)	0.30	34 (31)	1.39 (0.88-2.19)	0.16
TT	26 (4)	4 (3)			2 (1)		
CT or TT	166 (29)	48 (31)	1.16 (0.78-1.72)	0.45	36 (32)	1.27 (0.81-1.99)	0.29
IL4 rs2243248 (-1098T>G)							
TT	508 (88)	129 (83)			97 (88)		
GT	66 (11)	26 (17)	1.64 (1.00-2.71)	0.052	13 (12)	1.10 (0.58-2.09)	0.78
GG	4 (1)	1 (0)			0 (0)		
GT or GG	70 (12)	27 (17)	1.61 (0.98-2.64)	0.058	13 (12)	1.03 (0.54-1.95)	0.93
IL4 rs2070874 (Ex1-168C>T)							
CC	419 (73)	108 (70)			74 (68)		
CT	130 (23)	42 (27)	1.31 (0.87-1.98)	0.20	34 (31)	1.53 (0.97-2.43)	0.068
TT	26 (4)	4 (3)			1 (1)		
CT or TT	156 (27)	46 (30)	1.22 (0.82-1.81)	0.34	35 (32)	1.34 (0.85-2.10)	0.21
IL4 rs2243290 (IVS3-9C>A)							
CC	383 (72)	103 (71)			72 (69)		
AC	129 (24)	40 (27)	1.17 (0.77-1.78)	0.47	31 (30)	1.29 (0.80-2.06)	0.30
AA	26 (4)	3 (2)			1 (1)		
AC or AA	151 (28)	43 (29)	1.09 (0.72-1.64)	0.68	32 (31)	1.16 (0.73-1.86)	0.52
IL4 rs2243268 (IVS2-1443A>C)							
AA	383 (72)	104 (71)			73 (70)		
AC	131 (25)	39 (27)	1.11 (0.73-1.7)	0.63	31 (30)	1.24 (0.77-1.99)	0.37
CC	19 (3)	3 (2)			1 (0)		
AC or CC	151 (28)	42 (29)	1.06 (0.7-1.59)	0.80	32 (30)	1.14 (0.71-1.81)	0.59
IL4R rs2107356 (-28120T>C)							
CC	200 (36)	51 (36)			34 (32)		
CT	258 (47)	65 (45)	0.96 (0.64-1.46)	0.86	59 (56)	1.29 (0.81-2.08)	0.28
TT	95 (17)	27 (19)	1.07 (0.63-1.82)	0.80	13 (12)	0.75 (0.38-1.51)	0.43
CT or TT	353 (64)	92 (64)	0.99 (0.67-1.47)	0.97	72 (68)	1.15 (0.73-1.81)	0.55
Trend				0.86			0.73
IL6 rs1800795 (-174G>C)							
GG	241 (41)	57 (36)			51 (43)		
CG	264 (45)	73 (46)	1.12 (0.75-1.66)	0.58	53 (45)	0.87 (0.57-1.34)	0.54
CC	85 (14)	28 (18)	1.37 (0.81-2.31)	0.24	15 (13)	0.78 (0.42-1.48)	0.45
CG or CC	349 (59)	101 (64)	1.18 (0.81-1.71)	0.39	68 (57)	0.85 (0.57-1.28)	0.44
Trend				0.25			0.40

IL6 rs1800797 (-598G>A)							
GG	233 (41)	54 (35)			50 (45)		
AG	254 (44)	77 (50)	1.25 (0.84-1.86)	0.27	48 (43)	0.83 (0.53-1.28)	0.39
AA	84 (15)	23 (15)	1.13 (0.65-1.97)	0.66	14 (13)	0.72 (0.38-1.38)	0.32
AG or AA	338 (59)	100 (65)	1.22 (0.84-1.78)	0.30	62 (55)	0.80 (0.53-1.21)	0.29
Trend				0.47			0.26
IL10 rs3024509 (IVS3-58T>C)							
TT	459 (86)	128 (88)			93 (89)		
CT	71 (13)	18 (12)	0.92 (0.53-1.61)	0.77	12 (11)	0.80 (0.42-1.55)	0.51
CC	3 (1)	0 (0)			0 (0)		
CT or CC	74 (14)	18 (12)	0.87 (0.50-1.52)	0.63	12 (11)	0.77 (0.40-1.48)	0.43
IL10 rs3024496 (Ex5+210T>C)							
TT	170 (32)	41 (28)			28 (27)		
CT	271 (51)	70 (48)	1.07 (0.69-1.65)	0.76	56 (53)	1.28 (0.78-2.11)	0.33
CC	88 (17)	36 (24)	1.67 (0.99-2.80)	0.054	21 (20)	1.42 (0.76-2.67)	0.27
CT or CC	359 (68)	106 (72)	1.22 (0.81-1.83)	0.34	77 (73)	1.32 (0.82-2.12)	0.26
Trend				0.072			0.25
IL10 rs3024491 (IVS1-286G>T)							
GG	177 (33)	41 (28)			29 (28)		
GT	269 (50)	68 (47)	1.09 (0.71-1.69)	0.69	55 (52)	1.28 (0.78-2.09)	0.34
TT	87 (16)	36 (25)	1.76 (1.04-2.96)	**0.034**	21 (20)	1.44 (0.77-2.69)	0.25
GT or TT	356 (67)	104 (72)	1.26 (0.84-1.89)	0.27	76 (72)	1.32 (0.82-2.11)	0.25
Trend				**0.047**			0.23
IL10RA rs9610 (Ex7-109A>G)							
GG	172 (30)	47 (31)			39 (35)		
AG	267 (47)	76 (51)	1.05 (0.70-1.60)	0.80	53 (48)	0.91 (0.57-1.44)	0.68
AA	131 (23)	27 (18)	0.77 (0.46-1.31)	0.34	18 (16)	0.62 (0.34-1.14)	0.12
AG or AA	398 (70)	103 (69)	0.96 (0.65-1.42)	0.85	71 (65)	0.81 (0.53-1.25)	0.34
Trend				0.41			0.14
IL13 rs20541 (Ex4+98A>G)							
GG	347 (64)	89 (61)			64 (62)		
AG	176 (32)	55 (38)	1.24 (0.84-1.83)	0.27	35 (34)	1.10 (0.69-1.73)	0.69
AA	19 (4)	2 (1)			5 (5)	1.30 (0.46-3.64)	0.62
AG or AA	195 (36)	57 (39)	1.15 (0.79-1.69)	0.46	40 (38)	1.12 (0.72-1.73)	0.62
Trend							0.56
IL13 rs1800925 (-1069C>T)							
CC	368 (63)	93 (60)			63 (56)		
CT	195 (33)	57 (37)	1.18 (0.81-1.72)	0.38	46 (41)	1.46 (0.96-2.23)	0.079
TT	20 (3)	6 (4)	1.32 (0.51-3.41)	0.57	3 (3)		
CT or TT	215 (37)	63 (40)	1.19 (0.83-1.72)	0.34	49 (44)	1.41 (0.93-2.13)	0.11
Trend				0.33			0.20
IL13 rs1295686 (IVS3-24T>C)							
CC	321 (60)	86 (59)			63 (60)		
CT	185 (35)	58 (39)	1.20 (0.82-1.76)	0.36	35 (33)	1.02 (0.65-1.61)	0.93
TT	27 (5)	3 (3)			7 (7)	1.40 (0.55-3.59)	0.48
CT or TT	212 (40)	61 (42)	1.11 (0.76-1.63)	0.58	42 (40)	1.06 (0.69-1.65)	0.79
Trend							0.63

JAK3 rs3008 (Ex23+291T>C)							
TT	157 (29)	42 (29)			32 (30)		
CT	283 (53)	70 (48)	0.94 (0.61-1.45)	0.78	60 (57)	1.09 (0.68-1.76)	0.72
CC	95 (18)	34 (23)	1.34 (0.79-2.27)	0.27	13 (12)	0.68 (0.34-1.37)	0.28
CT or CC	378 (71)	104 (71)	1.04 (0.69-1.56)	0.85	73 (70)	0.99 (0.62-1.56)	0.95
Trend				0.34			0.41
Th1/Th2							
CTLA4 rs231775 (Ex1-61A>G)							
AA	217 (41)	48 (33)			46 (44)		
AG	227 (43)	80 (54)	1.55 (1.03-2.32)	**0.036**	47 (45)	0.98 (0.62-1.54)	0.92
GG	90 (17)	19 (13)	0.95 (0.53-1.71)	0.87	12 (11)	0.62 (0.31-1.23)	0.17
AG or GG	317 (59)	99 (67)	1.38 (0.94-2.03)	0.10	59 (56)	0.88 (0.57-1.34)	0.54
Trend				0.57			0.25

* 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.