

Supplementary Table S1. Distribution of the 2DL5, 2DS4, and 3DP1 gene subtypes between the GB and control groups.

Subtype	GB (N=77)		Control (N=200)		P-value	Odds ratio (95% CI)
	n (%)		n (%)			
2DL5						
AA	22	(73.3)	60	(81.1)	0.816	
BB	7	(23.3)	5	(6.8)	0.023	4.20 (1.21-14.53)
AB	1	(3.3)	9	(12.2)	0.293	
2DS4						
Del/Del	13	(7.3)	37	(20.2)	0.754	
Full/Full	37	(49.3)	95	(51.9)	0.934	
Del/Full	25	(33.3)	51	(27.9)	0.244	
3DP1						
Del/Del	65	(84.4)	181	(90.5)	0.150	
Full/Full	0	(0.0)	0	(0.0)	> 0.999	-
Del/Full	12	(15.6)	19	(9.5)	0.150	

Supplementary Table S2. Distribution of the HLA-A-type genes between the GB and control groups.

Group	Alleles	GB (N=77)		Control (N=200)		<i>P</i> value	Odds ratio (95% CI)
		n (%)	n (%)	n (%)	n (%)		
A1	01:01	5	(6.5)	5	(2.5)	0.110	-
A2	02:01	23	(29.9)	73	(36.5)	0.299	-
	02:06	15	(19.5)	35	(17.5)	0.701	-
	02:06	15	(19.5)	35	(17.5)	0.701	-
	02:07	7	(9.1)	16	(8.0)	0.768	-
A203	02:03	2	(2.6)	7	(3.5)	0.704	-
A3	03:01	4	(5.2)	7	(3.5)	0.518	-
A11	11:01	19	(24.7)	42	(21.0)	0.508	-
A24	24:02	28	(36.4)	75	(37.5)	0.861	-
A26	26:01	5	(6.5)	12	(6.0)	0.878	-
	26:02	2	(2.6)	18	(9.0)	0.065	-
	26:03	2	(2.6)	1	(0.5)	0.131	-
A29	29:01	2	(2.6)	1	(0.5)	0.131	-
A30	30:01	7	(9.1)	12	(6.0)	0.362	-
A31	31:01	7	(9.1)	21	(10.5)	0.727	-
A32	32:01	1	(1.3)	1	(0.5)	0.482	-
A33	33:03	22	(28.6)	53	(26.5)	0.728	-
	33:25	1	(1.3)	0	(0.0)	0.106	-
A68	68:01	1	(1.3)	0	(0.0)	0.106	-

Supplementary Table S3. Distribution of the HLA-B-type genes between the GB and control groups.

Group	Alleles	GB (N=77)		Control (N=200)		P value	Odds ratio
		n (%)		n (%)			(95% CI)
BW4	13:01	5	(6.5)	9	(4.5)	0.497	-
	38:02	2	(2.6)	7	(3.5)	0.704	-
	44:03	14	(18.2)	31	(15.5)	0.588	-
	52:01	7	(9.1)	9	(4.5)	0.142	-
	58:01	11	(14.3)	21	(10.5)	0.377	-
	27:04	0	(0.0)	1	(0.5)	0.534	-
	51:02	1	(1.3)	4	(2.0)	0.694	-
BW4 (80I)	24:02	28	(36.4)	75	(37.5)	0.861	-
	32:01	1	(1.3)	1	(0.5)	0.482	-
	51:01	8	(10.4)	37	(18.5)	0.101	-
	57:01	1	(1.3)	2	(1.0)	0.830	-
BW4 (80T)	13:02	8	(10.4)	14	(7.0)	0.350	-
	27:05	7	(9.1)	15	(7.5)	0.661	-
	37:01	5	(6.5)	4	(2.0)	0.059	-
	44:02	3	(3.9)	7	(3.5)	0.874	-
BW6	07:02	7	(9.1)	18	(9.0)	0.981	-
	08:01	1	(1.3)	2	(1.0)	0.830	-
	14:01	0	(0.0)	8	(4.0)	0.075	-
	15:01	20	(26.0)	34	(17.0)	0.091	-
	15:02	0	(0.0)	1	(0.5)	0.534	-
	15:07	0	(0.0)	3	(1.5)	0.280	-
	15:18	2	(2.6)	8	(4.0)	0.575	-
	27:05	7	(9.1)	15	(7.5)	0.661	-
	35:01	11	(14.3)	18	(9.0)	0.198	-
	40:01	4	(5.2)	13	(6.5)	0.685	-
	46:01	5	(6.5)	22	(11.0)	0.257	-

	51:01	8	(10.4)	37	(18.5)	0.101	-
	54:01	5	(6.5)	26	(13.0)	0.124	-
	81:01	0	(0.0)	1	(0.5)	0.534	-
	07:02	7	(9.1)	18	(9.0)	0.981	-
	08:01	1	(1.3)	2	(1.0)	0.830	-
	14:01	0	(0.0)	8	(4.0)	0.075	-

Supplementary Table S4. Distribution of the HLA-C-type genes between the GB and control groups.

Group	Alleles	GB (N=77)		Control (N=200)		P value	Odds ratio
		n (%)		n (%)			(95% CI)
C1	01:02	22	(28.6)	72	(36.0)	0.242	-
	01:03	0	(0.0)	3	(1.5)	0.563	-
	03:02	11	(14.3)	21	(10.5)	0.377	-
	03:03	14	(18.2)	36	(18.0)	0.972	-
	03:04	10	(13.0)	34	(17.0)	0.413	-
	07:01	1	(1.3)	0	(0.0)	0.106	-
	07:02	15	(19.5)	36	(18.0)	0.776	-
	07:04	2	(2.6)	8	(4.0)	0.575	-
	07:06	1	(1.3)	8	(4.0)	0.256	-
	08:01	4	(5.2)	30	(15.0)	0.012	0.3 (0.1 – 0.9)
	08:02	0	(0.0)	8	(4.0)	0.075	-
	08:03	0	(0.0)	3	(1.5)	0.280	-
	12:02	7	(9.1)	10	(5.0)	0.204	-
	12:03	1	(1.3)	3	(1.5)	0.900	-
	14:02	9	(11.7)	28	(14.0)	0.612	-
	14:03	11	(14.3)	24	(12.0)	0.608	-
C2	02:02	2	(2.6)	4	(2.0)	0.760	-
	04:01	16	(20.8)	22	(11.0)	0.034	2.1 (1.05 – 4.3)
	05:01	3	(3.9)	7	(3.5)	0.874	-
	06:02	12	(15.6)	19	(9.5)	0.150	-
	15:02	3	(3.9)	13	(6.5)	0.405	-
	15:05	2	(2.6)	2	(1.0)	0.318	-

Supplementary Figure S1. Distribution of KIR haplotypes and genotypes between GB and control groups.

[illegible]