

SUPPLEMENTARY DATA

**Supplementary Table 1.** HLA typing

Patient	A*	A*	DRB1*	DRB1*	DQB1*	DQB1*
1	02:01 (A2)	23	04:01 (DR4)	11:01 (DR11)		
2	30	33	03:01 (DR17)	07:01 (DR7)	02:01 (DQ2)	02:02 (DQ2)
3	02:01 (A2)		04:01 (DR4)			
4			04:01 (DR4)			
5						
6	02:01 (A2)	24	04:04 (DR4)	11:04 (DR11)	03:01 (DQ7)	03:02 (DQ8)
7	3	3	04:04 (DR4)	13:02 (DR13)	03:02 (DQ8)	06:09 (DQ6)
8	02:01 (A2)		04:01 (DR4)			
9	1	1	03:01 (DR17)	04:01 (DR4)	02:01 (DQ2)	03:02 (DQ8)
10	02:01 (A2)	68	03:01 (DR17)	11:04 (DR11)	02:01 (DQ2)	03:01 (DQ7)
11	02:01 (A2)	68	07:01 (DR7)	11:01 (DR11)	02:02 (DQ2)	03:01 (DQ7)
12	02:01 (A2)	29	04:01 (DR4)	13:02 (DR13)	03:01 (DQ7)	06:04 (DQ6)
13	A2-					
14	02:01 (A2)		04:01 (DR4)			
15	03	24	04:01 (DR4)	07:01 (DR7)	02:01 (DQ2)	03:01 (DQ7)
16						
17	02:01 (A2)	03	01:03 (DR103)	04:01 (DR4)	03:01 (DQ7)	03:01 (DQ7)
18	24	30	04:05 (DR4)	14:06 (DR 14)	02:02 (DQ2)	03:01 (DQ7)
19						
20	3	11	04:04 (DR4)	04:04 (DR4)	03:02 (DQ8)	03:02 (DQ8)
21	1	1	03:01 (DR17)	03:01 (DR17)	02:01 (DQ2)	02:01 (DQ2)
22	11	11	04:05 (DR4)	12:02 (DR 12)	03:01 (DQ7)	04:01 (DQ4)
23						
24	02:01 (A2)	1	03:01 (DR17)	11:01 (DR11)	02:01 (DQ2)	03:01 (DQ7)
25	02:01 (A2)	1632:00:00	03:01 (DR17)	04:01 (DR4)	02:01 (DQ2)	03:02 (DQ8)
26	02:01 (A2)					
27	02:01 (A2)	03	04:02 (DR4)	11:02/03 (DR11)	03:02 (DQ8)	03:01/19 (DQ7)