

**S1 Table.** HLA typing

| Patient ID | BOR | HLA-A(1)   | HLA-A(2)   | HLA-B(1)   | HLA-B(2)   | HLA-C(1)   | HLA-C(2)   |
|------------|-----|------------|------------|------------|------------|------------|------------|
| S04(302)   | PD  | 02:01(A2)  | 24:02(A24) | 07:02(B7)  | 38:05(B38) | 07:02(CW7) | 07:02(CW7) |
| S05(303)   | PD  | 03:01(A3)  | 26:01(A26) | 44:02(B44) | 51:01(B51) | 05:01(CW5) | 14:02(-)   |
| S06(304)   | PD  | 30:04(A30) | 31:01(A31) | 14:01(B44) | 51:01(B51) | 08:02(CW8) | 14:02(-)   |
| S07(305)   | SD  | 24:02(A24) | 33:03(A33) | 27:05(B27) | 44:03(B44) | 02:02(CW2) | 14:03(-)   |
| S10(306)   | SD  | 24:02(A24) | 26:01(A26) | 35:01(B35) | 40:01(B40) | 07:02(CW7) | 08:01(CW8) |

BOR, best of response; HLA, human leukocyte antigen.