

**Supplementary Table 2. Baseline characteristics of patients whose MPA AUC<sub>0-12 hr</sub> was not within the therapeutic range**

| Characteristic                       | MPA AUC <sub>0-12 hr</sub> (µg/mL), 1 wk (n = 50) |                 |             | p-value | MPA AUC <sub>0-12 hr</sub> (µg/mL), 24 wk (n = 42) |                 |             | p-value |
|--------------------------------------|---|-----------------|-------------|---------|--|-----------------|-------------|---------|
|                                      | Low (<30)   | Optimal (30-60) | High (>60)  |         | Low (<30)  | Optimal (30-60) | High (>60)  |         |
| No. of patients                      | 0   | 41              | 9           |         | 3  | 23              | 16          |         |
| Age (yr)                             |   | 46.3 ± 10.9     | 49.2 ± 14.5 | 0.499   | 55.9 ± 9.9   | 46.2 ± 11.0     | 43.9 ± 12.5 | 0.26    |
| Male sex                             |   | 27 (65.9)       | 4 (44.4)    | 0.41    | 2 (66.7)   | 16 (69.6)       | 10 (62.5)   | 0.90    |
| Body mass index (kg/m <sup>2</sup> ) |   | 24.3 ± 4.2      | 21.2 ± 2.0  | 0.003   | 22.7 ± 2.7   | 24.1 ± 4.6      | 23.2 ± 3.3  | 0.73    |
| Body weight (kg)                     |   | 68.0 ± 14.2     | 57.1 ± 9.5  | 0.03    | 60.7 ± 12.1  | 69.0 ± 16.1     | 63.2 ± 10.3 | 0.35    |
| Primary kidney disease               |   |                 |             | 0.65    |  |                 |             | 0.41    |
| Diabetes mellitus                    |   | 17 (41.5)       | 3 (33.3)    |         | 0 (0)  | 10 (43.5)       | 7 (43.8)    |         |
| Hypertensive nephrosclerosis         |   | 15 (36.6)       | 4 (44.4)    |         | 2 (66.7)   | 8 (34.8)        | 8 (50.0)    |         |
| Glomerulonephritis                   |   | 5 (12.2)        | 2 (22.2)    |         | 1 (33.3)   | 4 (17.4)        | 0 (0)       |         |
| Others                               |   | 4 (9.8)         | 0 (0)       |         | 0 (0)  | 1 (4.3)         | 1 (6.2)     |         |
| Type of donor                        |   |                 |             | 0.24    |  |                 |             | 0.56    |
| Living related                       |   | 21 (51.2)       | 3 (33.3)    |         | 1 (33.3)   | 11 (47.8)       | 9 (56.2)    |         |
| Living unrelated                     |   | 9 (22.0)        | 1 (11.1)    |         | 1 (33.3)   | 6 (26.1)        | 1 (6.2)     |         |
| Deceased                             |   | 11 (26.8)       | 5 (55.6)    |         | 1 (33.3)   | 6 (26.1)        | 6 (37.5)    |         |
| HLA mismatch                         |   |                 |             |         |  |                 |             |         |
| Total                                |   | 2.7 ± 1.7       | 3.2 ± 1.8   | 0.44    | 3.0 ± 0.0  | 2.8 ± 1.9       | 2.7 ± 1.4   | 0.94    |
| DR                                   |   | 0.9 ± 0.7       | 1.0 ± 0.7   | 0.71    | 1.3 ± 0.6  | 0.9 ± 0.7       | 0.9 ± 0.7   | 0.60    |
| Induction therapy                    |   |                 |             | 0.30    |  |                 |             | 0.08    |
| IL-2 receptor blocker                |   | 38 (95.0)       | 7 (77.8)    |         | 3 (100)  | 22 (100)        | 13 (81.2)   |         |
| Antithymocyte globulin               |   | 2 (5.0)         | 2 (22.2)    |         | 0 (0)  | 0 (0)           | 3 (18.8)    |         |
| SCr (mg/dL)                          |   | 1.1 ± 0.7       | 1.7 ± 1.5   | 0.29    | 1.1 ± 0.3  | 1.1 ± 0.3       | 1.2 ± 0.2   | 0.77    |
| eGFR (mL/min/1.73 m <sup>2</sup> )   |   | 77.0 ± 29.1     | 59.3 ± 32.4 | 0.11    | 63.7 ± 18.6  | 73.6 ± 21.9     | 63.8 ± 10.8 | 0.24    |
| Spot urine PCR (g/g)                 |   | 0.5 ± 0.4       | 0.4 ± 0.2   | 0.46    | 0.2 ± 0.1  | 0.2 ± 0.1       | 0.2 ± 0.1   | 0.93    |
| Tacrolimus trough level (ng/mL)      |   | 6.5 ± 2.8       | 5.3 ± 2.4   | 0.27    | 5.4 ± 1.5  | 5.5 ± 1.6       | 5.8 ± 1.6   | 0.86    |

Data are expressed as mean ± standard deviation or number (%).

AUC, area under the curve; eGFR, estimated glomerular filtration rate; HLA, human leukocyte antigen; IL, interleukin; MPA, mycophenolic acid; PCR, protein creatinine ratio; SCr, serum creatinine.