### Supplemental Table 2. Peri-operative multivariate correlates of TCMR free survival

| Peri-operative multivariable correlates | Hazard Ratio       | p value |
|-----------------------------------------|--------------------|---------|
| n=229 events                            |                    |         |
| **Peri-operative multivariable correlates** |                    |         |
| Donor sex (male versus female)          | 0.79 (0.60-1.04)   | 0.093   |
| Recipient sex (male versus female)      | 1.31 (0.99-1.74)   | 0.058   |
| Non-Caucasian ethnicity                 | 0.98 (0.74-1.3)    | 0.914   |
| Recipient Age <40 years (per decade)    | 0.63 (0.53-0.74)   | <0.001  |
| Recipient Age >40 years (per decade)    | 1.65 (1.22-2.23)   | 0.001   |
| Donor Age (per decade)                  | 1.04 (0.94-1.15)   | 0.436   |
| Deceased versus living donor            | 1.05 (0.69-1.61)   | 0.810   |
| HLA-DR/DQ Molecular Mismatch Category   |                    |         |
| Intermediate versus low                 | 1.58 (1.07-2.35)   | 0.022   |
| High versus low                         | 1.76 (1.20-2.58)   | 0.004   |
| Basiliximab versus no induction         | 0.96 (0.65-1.41)   | 0.832   |
| Thymoglobulin versus no induction       | 0.98 (0.69-1.37)   | 0.892   |
| Cold Ischemic Time (hours)              | 1.02 (0.98-1.06)   | 0.350   |
| Delayed Graft Function                  | 1.46 (1.02-2.09)   | 0.041   |