



**Figure S3**

Effect of initial size of graft liver on the predicted blood concentration of tacrolimus immediately after LDLT. (a) *CYP3A5\*1* allele in both graft liver and small intestine (L\*1/I\*1), (b) *CYP3A5\*1* allele in graft liver and *CYP3A5\*3/\*3* in small intestine (L\*1/I\*3), (c) *CYP3A5\*3/\*3* in graft liver and *CYP3A5\*1* allele in small intestine (L\*3/I\*1), (d) *CYP3A5\*3/\*3* in both graft liver and small intestine (L\*3/I\*3). Each closed circle shows the observed concentration normalized by the dosing regimen (OBS). The number of patient with L\*1/I\*1, L\*1/I\*3, L\*3/I\*1 and L\*3/I\*3 were 7,5, 4, and 10 respectively.