Article Title
Sphingosine 1-phosphate Receptor Modulator ONO-4641 Regulates Trafficking of T Lymphocytes and Hematopoietic Stem Cells and Alleviates Immune-Mediated Aplastic Anemia in a Mouse Model

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Supplemental Fig. 1. Cyclosporine treatment alleviates the induction of BM failure in mice. CBF1 mice were subjected to 4 Gy TBI, and 5 x 10⁶ LN cells harvested from B6 mice were injected into pre-irradiated CBF1 mice to induce aplastic anemia model. CBF1 mice were treated twice a day with cyclosporine with a dose of 6, 30 mg/kg or 0.5%MC (vehicle) by oral gavage from day 1 after disease induction. On day 14, peripheral blood cell count was determined. Indicated values are presented as mean and individuals, n=8 per each group except for vehicle, n=7. Steel's multiple comparison test was performed for comparison between the TBI plus LN cell with vehicle and the TBI plus LN cell with cyclosporine groups, with a p-value of less than 5%. ##, p<0.01. Wilcoxon signed-rank sum test was performed for comparison between the TBI only with vehicle and the TBI plus LN cell with vehicle groups, with a p-value of less than 5%. **, p<0.01.