Supplement to: **LOW PANETH CELL NUMBERS AT ONSET OF GASTROINTESTINAL GVHD IDENTIFY PATIENTS AT HIGH RISK FOR NON-RELAPSE MORTALITY**

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Table S1: Conditioning regimens

Control patients (N=26):

**Full intensity (N=8):** Total body irradiation 8-12 Gy plus either cyclophosphamide 120 mg/kg, etoposide 1500 mg/m² or fludarabine 150 mg/m² (N=4); busulfan 12.8 mg/m² plus either cyclophosphamide 120 mg/m², fludarabine 150 mg/m², or clofarabine 80-160 mg/m² (N=4)

**Reduced Intensity (N=18):** Fludarabine 150 mg/m², BCNU 300mg/m², and melphalan 110-140mg/m² (N=6); busulfan 6.4 mg/m² and fludarabine 150 mg/m² (N=5); fludarabine 150 mg/m², cytarabine 8000 mg/m², and amsacrine 400mg/m² followed by cyclophosphamide 120 mg/kg and either total body irradiation 4 Gy or busulfan 10 mg/m² (N=4); fludarabine 150mg/m² and treosulfan 42 mg/m² (N=2); fludarabine 150mg/m², cyclophosphamide 60 mg/kg, and total body irradiation 2 Gy (N=1)

Study Patients (N=116):

**Full intensity (N=58):** Busulfan 12.8 mg/m² plus either cyclophosphamide 120 mg/m², fludarabine 150 mg/m², or clofarabine 80-160 mg/m² (N=40); total body irradiation 8-12 Gy plus either cyclophosphamide 120 mg/kg, fludarabine 150 mg/m², or melphalan 140 mg/m² (N=9); cyclophosphamide 7200 mg/m², etoposide 1600 mg/m², and carmustine (BCNU) 450 mg/m² (N=9)

**Reduced Intensity (N=58):** Busulfan 6.4 mg/m² and fludarabine 150 mg/m² (N=29); fludarabine 150mg/m², BCNU 300mg/m² and melphalan 110-140mg/m² (N=12); fludarabine 150mg/m² plus either melphalan 140 mg/m² or treosulfan 42 mg/m² (N=9); fludarabine 150mg/m², cytarabine 8000 mg/m², and amsacrine 400mg/m² followed by cyclophosphamide 120 mg/kg and either total body irradiation 4 Gy, busulfan 10mg/m², or treosulfan 42 mg/m² (N=7); antithymocyte globulin and cyclophosphamide 120 mg/m² (N=1)
Figure 15. Reproducibility of Paneth cell counts. The inter-rater correlation of mean Paneth cell counts/high powered field (n=41) was $r^2=0.81$ ($p<0.0001$).
Supplemental Figure 2. ROC curve for NRM by Paneth cell count. The area under the curve is 0.68. The sensitivity (60%) and specificity (75%) for a threshold of a mean of 4 Paneth cells/hpf is shown by the thin lines.