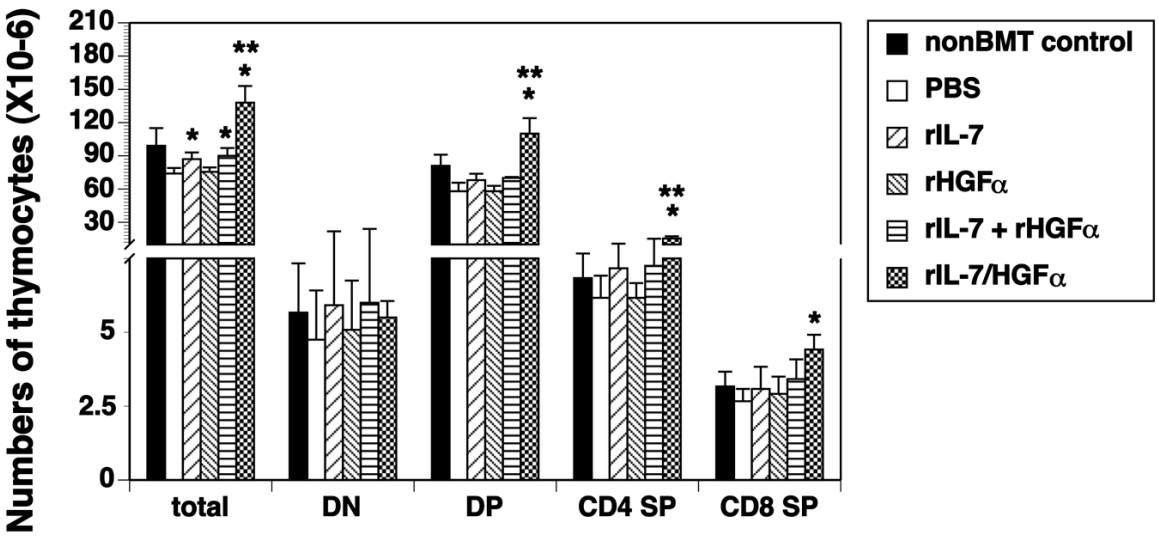
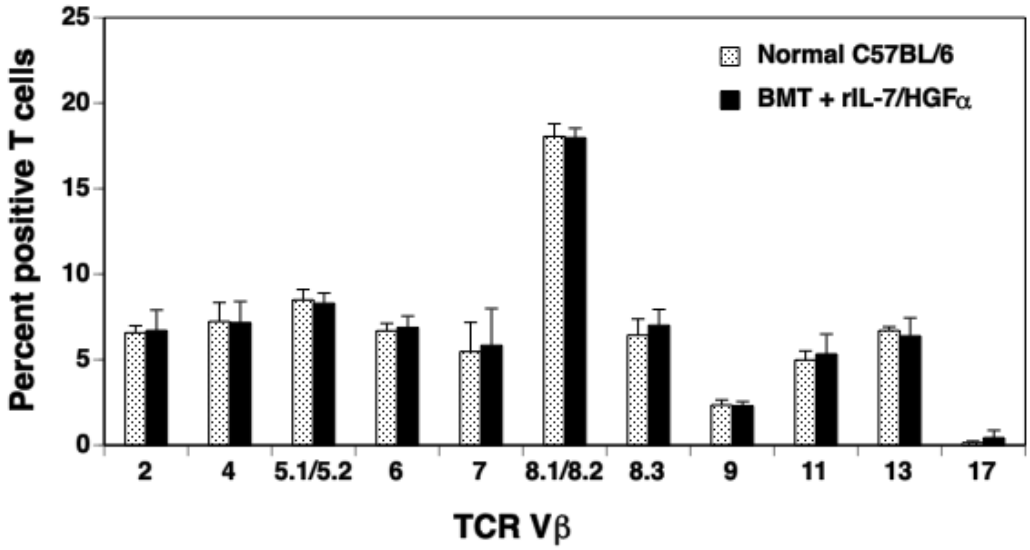


Supplemental Figure 1:

hrIL-7/HGFα-treated mice maintained increased numbers of total thymocytes and their subsets through day 90 post-BMT. Lethally irradiated BMT mice were treated with a panel of cytokines as in Figure 2C. Ninety days after BMT, the numbers of total thymocytes and their subsets were quantified by flow cytometry. Data shown are mean $\pm$ SD from 4-5 mice per group. * $P<0.05$ compared with PBS-treated BMT mice. ** $P<0.05$ compared with hrIL-7+hrHGFα-treated BMT mice.



Supplemental Figure 2: Donor-origin peripheral T cells from hrIL-7/HGFα-treated mice have a diverse TCR repertoire. Lethally irradiated BMT mice were treated with hrIL-7/HGFα as in Figure 2C. One month after BMT, the expression of TCR Vβ families by donor-derived $CD3^+$ cells in the peripheral blood was analyzed by flow cytometry. The results were compared with those of $CD3^+$ cells from normal control mice. Mean percentages $\pm$ SD from groups of 4-6 mice. No significant differences were observed between the experimental and control values for each TCR Vβ.

Supplemental Table 1. Primers used for cloning of human IL-7/HGFα(NK1), IL-7 and HGFα(NK1) genes into expression vectors

Primers	Primer Sequence (5'-3')
A	GTCAACATGTTCCATGTTTCT
B	CGACCCACCACCGCCCGAGCCACCGCCTCCGTGTTCTTTAGTGCCCAT
C	GGAGGCGGTGGCTCGGGCGGTGGTGGGTCGCAAAGGAAAAGAAGAAT
D	GCCTCACTATTCAACTTCTGAACACTG
E	GCCCTATCAGTGTTCTTTAGTGCCCAT
F	GCGAAC ATGTGGGTGACCAAACTC
G	GCCTCACTAATGGTGATGGTGATGATGTTCAACTTCTGAACACTG