

Supplemental tables

Table S1. Leucocyte subsets mobilized by Plerixafor compared to G-CSF

Cell Subset	Plerixafor		G-CSF control ¹²	
	N	Median (Range)	N	Median
CD34 ⁺	57	4.68 (0.9-9.6)	131	4.20*
CD3 ⁺	61	5.96 (2.72-13.0)	132	2.46
CD3 ⁺ CD4 ⁺	54	3.57 (2.0-9.4)	132	1.48
CD3 ⁺ CD8 ⁺	54	2.18 (0.48-5.0)	112	0.67
CD19 ⁺	50	1.47 (0.23-7.43)	131	0.48
CD56 ⁺	50	0.38 (0.0-1.10)	127	0.14

Note: values reported as dose x 10⁶/kg for CD34⁺ and x 10⁸/kg for other subsets; * This value represents CD34⁺ cells collected after a median of one LP from unrelated donors

Table S2. Peripheral blood chimerism values after HCT

MAC:

Day	Myeloid				T-cell			
	PLERIXAFOR		Controls		PLERIXAFOR		Controls	
	N	Median donor cell % (range)	N	Median donor cell % (range)	N	Median donor cell % (range)	N	Median donor cell % (range)
+28	16	100 (98-100)%	23	100 (70-100)%	22	92 (59-100)%	39	89 (19-100)%
+100	9	99 (91-100)%	34	100 (71-100)%	15	97(76-100)%	49	95 (39-100)%
+180	9	100 (89-100)%	30	100 (29-100)%	14	100 (91-100)%	43	99 (61-100)%
+365	7	100 (100-100)%	16	100 (28-100)%	6	100 (100-100)%	22	100 (97-100)%

RIC:

Day	Myeloid				T-cell			
	PLERIXAFOR		Controls		PLERIXAFOR		Controls	
	N	Median donor cell % (range)	N	Median donor cell % (range)	N	Median donor cell % (range)	N	Median donor cell % (range)
+28	26	100 (91-100)%	30	100 (78-100)	29	80 (50-100)%	35	76 (38-100)
+100	24	100 (17-100)%	34	100 (65-100)	26	84 (64-100)%	37	95 (37-100)
+180	22	100 (5-100)%	19	100 (0-100)	22	95 (74-100)%	21	100 (71-100)
+365	16	100 (0-100)%	16	100 (98-100)	16	100 (87-100)%	16	100 (99-100)

Note: values expressed are median % donor chimerism

Figure S1

Figure S1a. CD4⁺ counts in RIC and MAC recipients (expressed as # of cells / μ l)

CD4⁺ counts in RIC and MAC patients (expressed as cells / μ l)

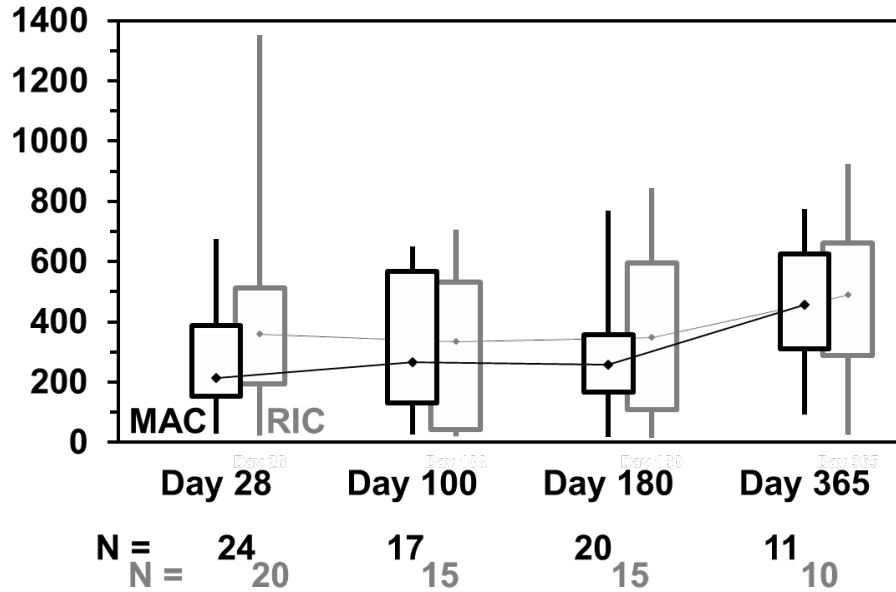


Figure S1b. CD8⁺ counts in RIC and MAC recipients (expressed as # of cells /

CD8⁺ counts in RIC and MAC patients (expressed as cells / μ l)

