

Supplemental Table I: Transplant Characteristics¹

	All Transplants N = 1532		HLA-Matched Total N = 856		HLA-Mismatched Total N = 676	
	N		N	Percentage of HLA-Matched	N	Percentage of HLA- Mismatched
Age						
Min		0.6		0.6		0.9
Max		70		70		66
Median		38		40		35
Race						
Caucasian	1412	92.2%	806	94.2%	606	90.0%
Non-Caucasian	98	6.4%	34	4.0%	64	9.5%
Unknown	8	0.5%	6	0.7%	2	0.3%
Missing	14	0.9%	10	1.2%	4	0.6%
Karnofsky Score						
90-100	958	62.5%	542	63.3%	416	61.5%
10-80	441	28.8%	230	26.9%	211	31.2%
Unknown	133	8.7%	84	9.8%	49	7.3%
Disease Status at Transplant						
Early	667	43.5%	430	50.2%	237	35.1%
Intermediate	355	23.2%	170	19.9%	185	27.4%
Advanced	492	32.1%	245	28.6%	247	36.5%
Other	10	0.7%	7	0.8%	3	0.4%
Unknown	8	0.5%	4	0.5%	4	0.6%
Cytogenetic Disease Risk						
Low	269	17.6%	146	17.1%	123	18.2%
Intermediate	680	44.4%	385	45.0%	295	43.6%
High	130	8.5%	67	7.8%	63	9.3%
Unknown	453	29.6%	258	30.1%	195	28.9%
CMV Serostatus						
Donor-/Recipient -	487	31.8%	291	33.3%	202	29.9%

Donor+/Recipient -	193	12.6%	105	12.2%	89	13.2%
Donor-/Recipient+	483	31.5%	288	33.3%	198	29.3%
Donor+/Recipient+	321	20.1%	157	18.3%	164	24.3%
Unknown	48	3.1%	25	2.9%	23	3.4%
<hr/>						
Graft type						
Bone Marrow	810	52.9%	410	47.9%	400	59.2%
Peripheral Blood Stem Cells (PBSC)	722	47.1%	446	52.1%	276	40.8%

¹ Important clinical and demographic factors are shown for all transplants, HLA-matched and HLA-mismatched groups.

Supplemental Table II: Transplant HLA Matching²

	All Transplants N = 1532		HLA-Matched Total N = 856		HLA-Mismatched Total N = 676	
	N		N	Percentage of HLA-Matched	N	Percentage of HLA-Mismatched
Donor: Recipient match for HLA-A, B, C, DRB1 and DQB1						
10/10 allele matched	856	55.6%	856	100%		---
9/10	418	27.3%	---	---		61.8%
8/10	173	11.3%	---	---		25.6%
<8/10	85	5.6%	---	---		12.6%
<hr/>						
HLA MM Detail All	--	---	--	---		
MM at A	--	---	--	---	219	32.4%
MM at B	--	---	--	---	189	28.0%
MM at C	--	---	--	---	357	52.8%
MM at DRB1	--	---	--	---	73	10.8%
MM at DQB1	--	---	--	---	163	24.1%
<hr/>						
HLA MM Detail for 9/10	--	---	--	---		% of 9/10 MM Transplants
MM at A	--	---	--	---	119	27.7%
MM at B	--	---	--	---	50	11.7%
MM at C	--	---	--	---	169	39.4%
MM at DRB1	--	---	--	---	19	4.4%
MM at DQB1	--	---	--	---	61	14.2%

HLA MM Detail for 8/10	--	---	--	---		% of 8/10 MM Transplants
MM at A	--	---	--	---	60	18.0%
MM at B	--	---	--	---	78	23.4%
MM at C	--	---	--	---	107	32.0%
MM at DRB1	--	---	--	---	33	9.9%
MM at DQB1	--	---	--	---	56	16.8%
HLA MM Detail for <8/10	--	---	--	---		% of <8/10 MM Transplants
MM at A	--	---	--	---	40	16.1%
MM at B	--	---	--	---	61	24.5%
MM at C	--	---	--	---	81	32.5%
MM at DRB1	--	---	--	---	21	8.4%
MM at DQB1	--	---	--	---	46	18.5%
HLA C MM Detail						
D C1/C1 into R C1/C1	579	37.8%	372	42.9%	207	30.6%
D C1/C1 into R C1/C2	51	3.3%	0	---	51	7.5%
D C1/C1 into R C2/C2	7	0.5%	0	---	7	1.0%
D C2/C2 into R C1/C1	2	0.1%	0	--	2	0.3%
D C2/C2 into R C1/C2	32	2.1%	0	---	32	4.7%
D C2/C2 into R C2/C2	188	12.3%	118	13.6%	70	10.4%
D C1/C2 into R C1/C1	66	4.3%	0	---	66	9.8%
D C1/C2 into R C1/C2	572	37.3%	366	42.2%	206	30.5%
D C1/C2 into R C2/C2	35	2.3%	0	---	35	5.2%

² Distribution of class I and class II HLA matching for all transplants, HLA-matched and HLA-mismatched groups.