

**Supplementary Table 1: Logistic Regression of Donor Chimerism and ATG Use**

<b>Outcome</b>	<b>Predictor</b>	<b>OR (95% CI)</b>	<b><i>p</i>-value</b>
CD3 day +30	(Intercept)		0.269
	ATG (Yes vs. No)	0.37 (0.02-3.9)	0.444
	RIC regimen (FBM vs. BuFlu)	46.8 (5.5-1125)	0.002
	RIC regimen (FluMel vs. BuFlu)	43 (4.1-1475)	0.007
CD3 day +100	(Intercept)		0.065
	ATG (Yes vs. No)	2.6 (0.20-67.1)	0.484
	RIC regimen (FBM vs. BuFlu)	45.6 (4.4-1252)	0.005
	RIC regimen (FluMel vs. BuFlu)	32.4 (3.0-1110)	0.014

**Supplementary Table 2: Logistic Regression of GVHD and ATG use**

<b>Table: Logistic Regression of GVHD Measures and ATG Use Adjusting for RIC Regimen</b>			
<b>Outcome</b>	<b>Predictor</b>	<b>OR (95% CI)</b>	<b><i>p</i>-value</b>
Acute GVHD All Grades	(Intercept)		0.438
	ATG (Yes vs. No)	2.1 (.51-9.8)	0.315
	RIC regimen (FBM vs. BuFlu)	3.6 (.73-19)	0.119
	RIC regimen (FluMel vs. BuFlu)	4.6 (1.1-21.7)	0.041
Acute GVHD Grades 2-4	(Intercept)		0.382
	ATG (Yes vs. No)	2.4 (.62-10.3)	0.225
	RIC regimen (FBM vs. BuFlu)	1.6 (.36-7.1)	0.530
	RIC regimen (FluMel vs. BuFlu)	3.0 (.77-12.7)	0.126
Acute GVHD Grades 3-4	(Intercept)		0.555
	ATG (Yes vs. No)	0.56 (.14-2.1)	0.396
	RIC regimen (FBM vs. BuFlu)	0.92 (.20-4.5)	0.912
	RIC regimen (FluMel vs. BuFlu)	1.4 (.36-5.4)	0.640
Chronic GVHD	(Intercept)		0.714
	ATG (Yes vs. No)	0.41 (.10-1.5)	0.187
	RIC regimen (FBM vs. BuFlu)	1.7 (.37-8.3)	0.514
	RIC regimen (FluMel vs. BuFlu)	2.3 (.61-9.3)	0.223

**Supplementary Table 3:** Restricted Mean Survival Time (in Years) by RIC Regimen

<b>RIC Regimen</b>	<b>Mean Survival (95% CI)</b>	<b><i>p</i>-value</b>
FBM	1.56 (1.3-1.8)	0.406
FluMel/BuFlu	1.40 (1.2-1.6)	
FluMel	1.34 (.99-1.7)	0.383
FBM/BuFlu	1.52 (1.3-1.7)	

**Supplementary Table 4:** Probability of Survival at 2 Years Post Transplant by RIC Regimen

<b>RIC Regimen</b>	<b>Probability (95% CI)</b>
BuFlu	0.59 (0.40-0.88)
FBM	0.67 (0.50-0.91)
FluMel	0.59 (0.42-0.84)

**Supplementary Table 5:** Overall Survival Analysis Model by RIC regimens adjusted for possible confounding factors

<b>Predictor</b>	<b>HR (95% CI for HR)</b>	<b><i>p</i>-value</b>
RIC regimen: FBM vs. BuFlu	1.2 (0.33-4.4)	0.779
RIC regimen: FluMel vs. BuFlu	1.1 (0.40-3.2)	0.800
ATG: Yes vs. No	0.59 (0.20-1.7)	0.333
JAK2 mutation: Yes vs. No	1.9 (0.66-5.2)	0.238
DIPSS plus: High vs, Int-1/Int-2	1.5 (0.64-3.7)	0.333
RIC regimen: FBM vs. BuFlu	1.2 (0.33-4.4)	0.779