Supplemental Table 1:

	High baseline Grp78 (n=9)	Low baseline Grp78 (n= 25)
Median age at diagnosis (yrs)[*]	8.7 (range 2-15)	12.5 (range 1-19)
Median WBC count at diagnosis ($x10^3$/UL); (absolute blast count)	149 (55)	121.8 (92)
High risk cytogenetics (pedi AML)	2 (FLT3-ITD, -7)	1 (FLT3-ITD)
MRD negative at EOI	4/9 = 44%	16/25 = 64%
Vital status (alive)	5/9 = 56%	13/25 = 52%
Relapses (n, %)	4/9 = 44%	13/25 = 52%
Median OS (weeks) ± SD	150 ± 68.8	123 ± 117.7
Median EFS (weeks) ± SD	145 ± 80.5	70 ± 114

Supplemental Table 1: Patient characteristics and outcome in relation to UPR status. High and low baseline UPR was determined using by GRP78 status. Fisher's exact test was used for the categorical variables, and Mann-Whitney U-test was used for the continuous variables in the table.