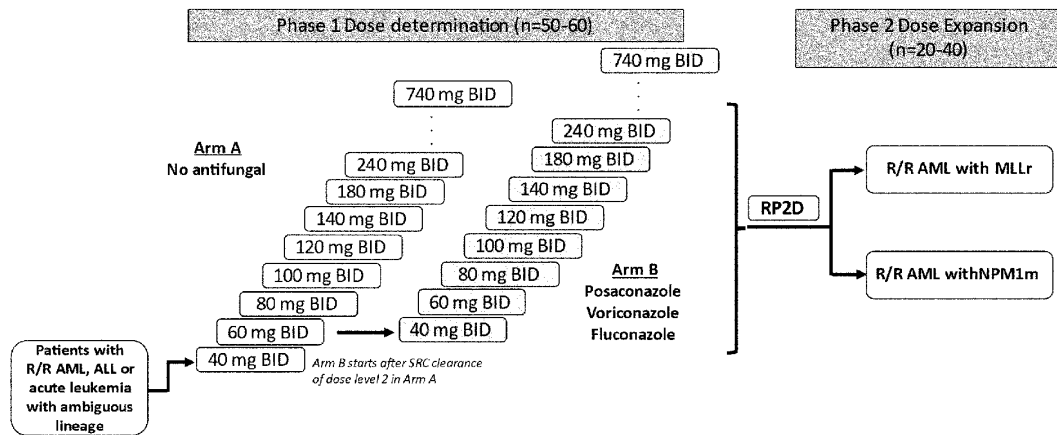
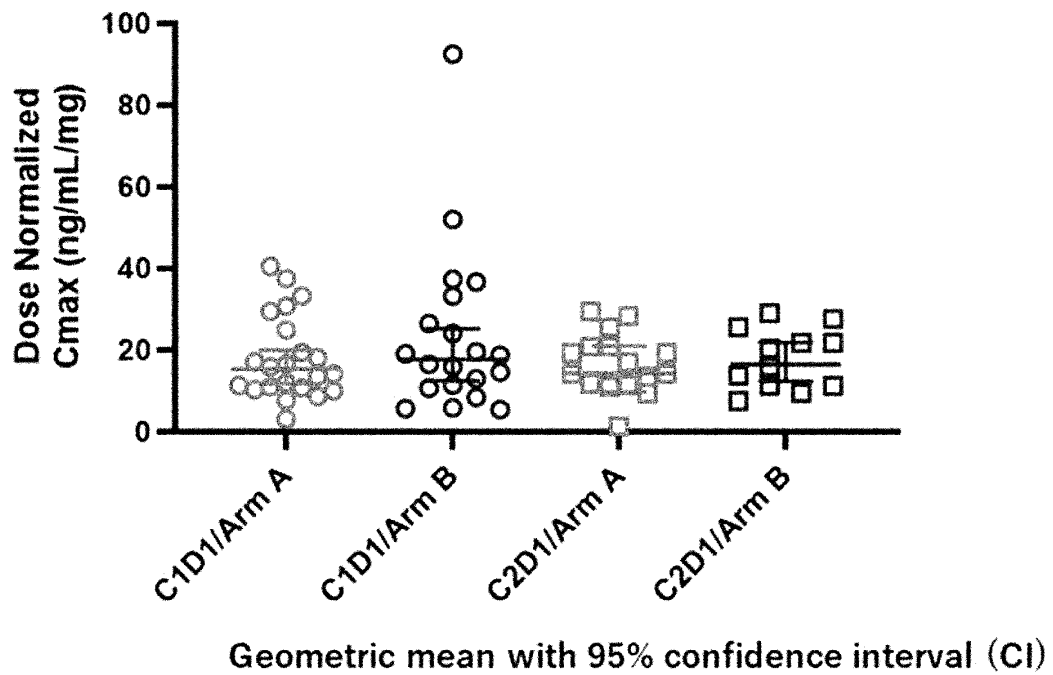


[Fig. 1]

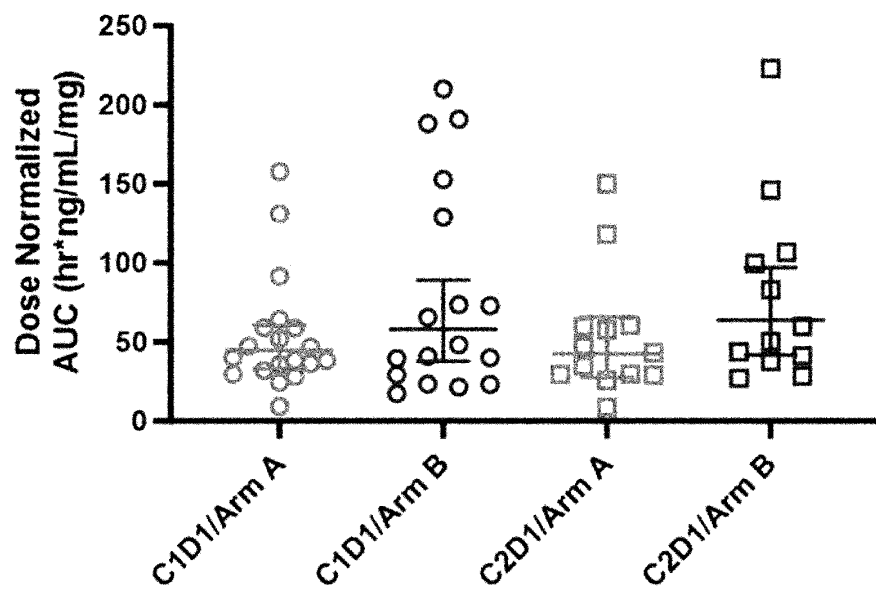


[Fig. 2]

Comparison of Cmax in Arm A vs Arm B at all doses

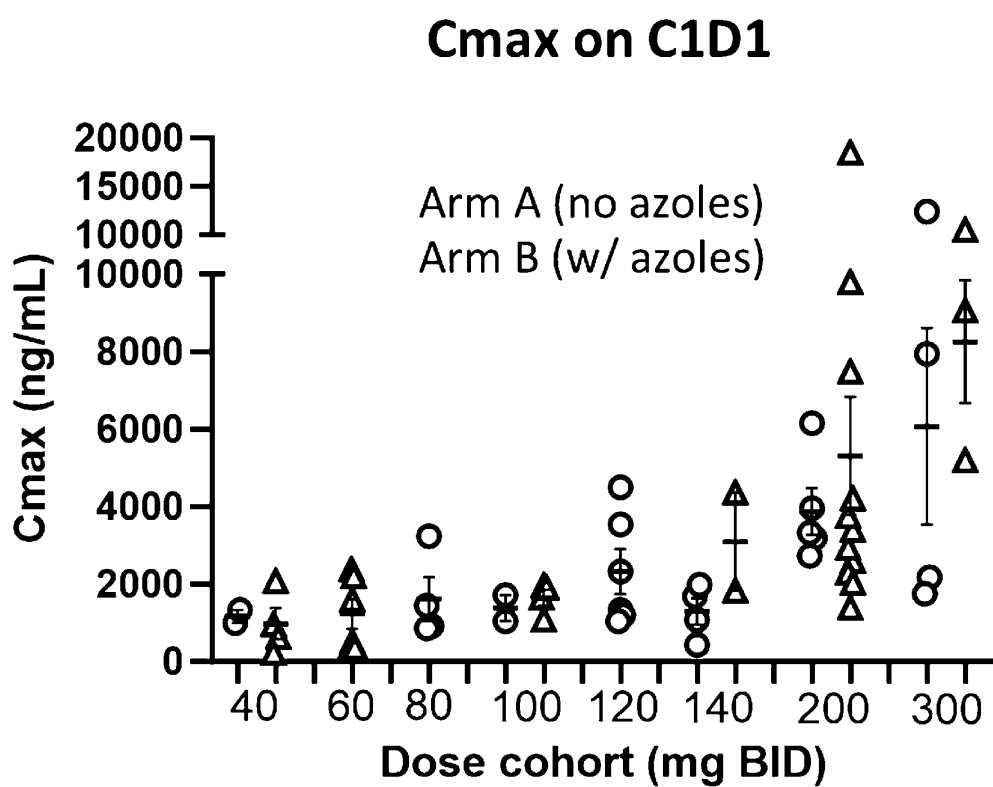


[Fig. 3]

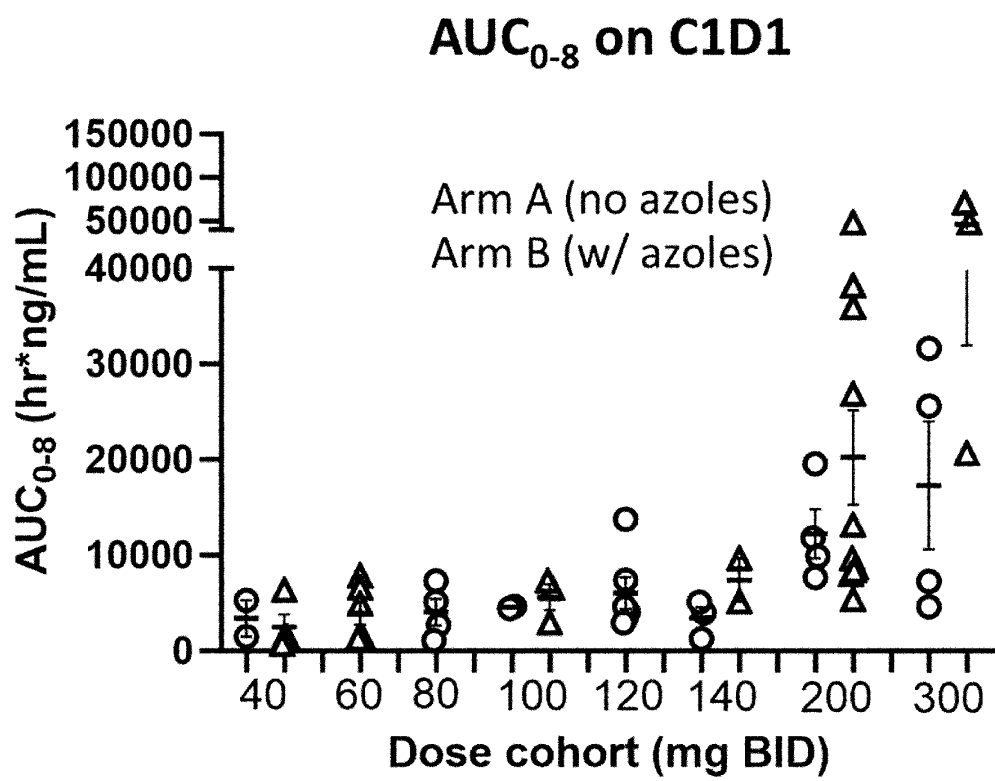
Comparison of AUC in Arm A vs Arm B at all doses

Geometric mean with 95% confidence interval (CI)

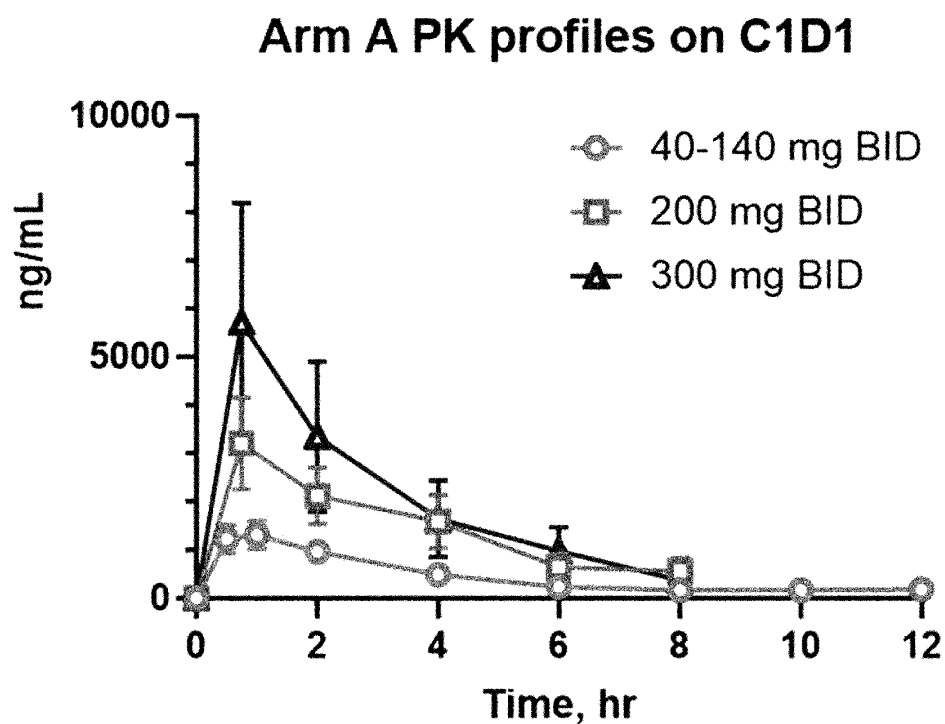
[Fig. 4A]



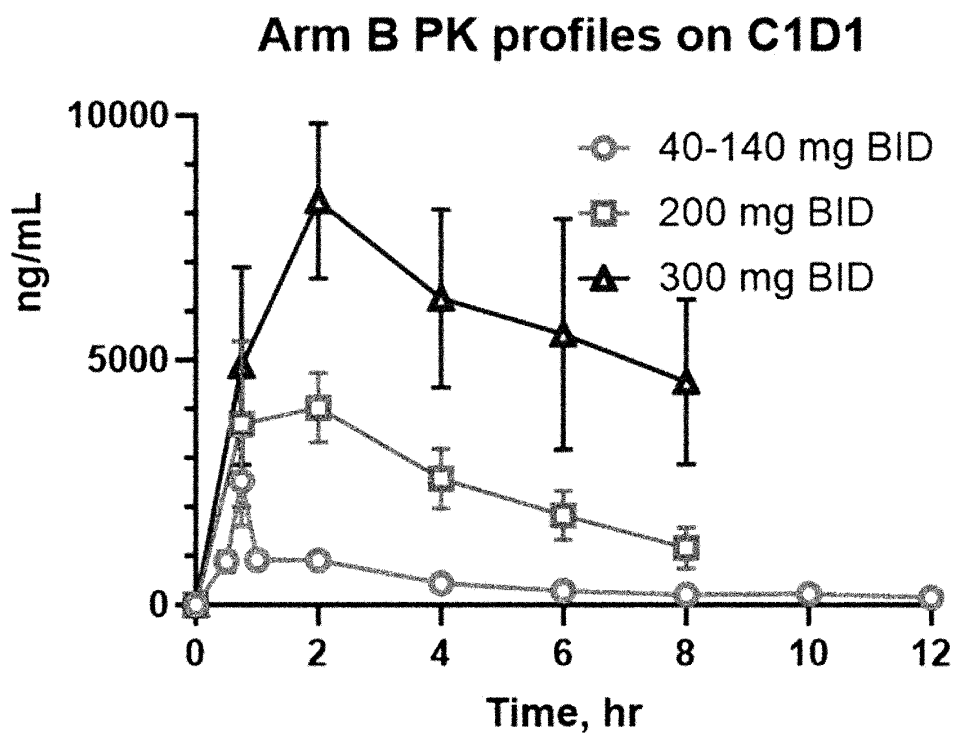
[Fig. 4B]



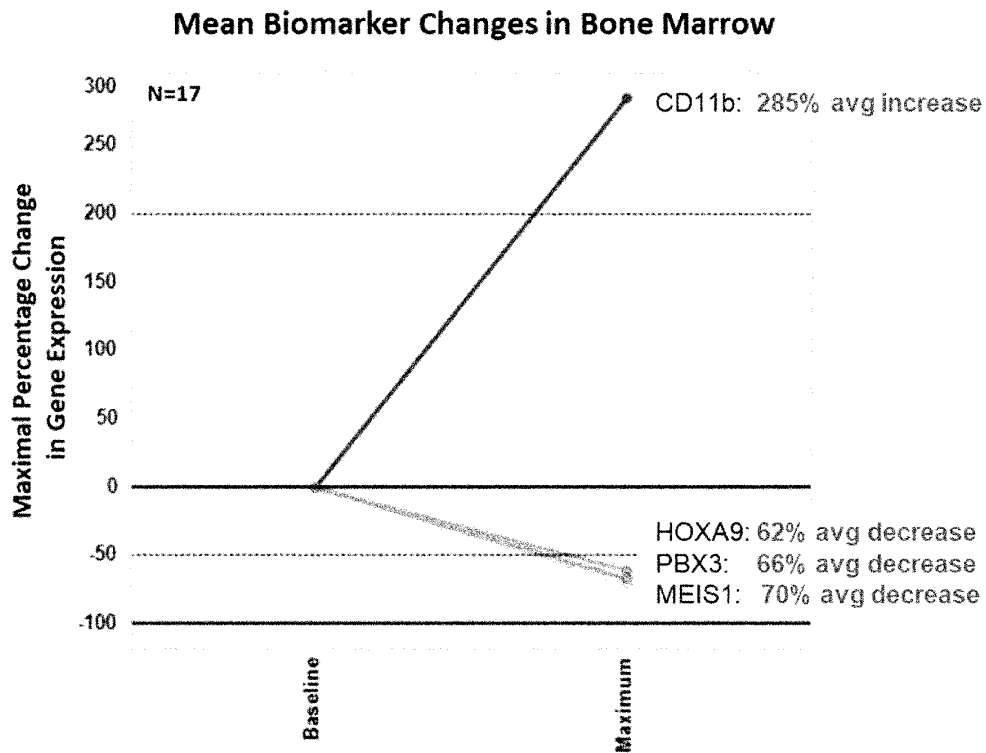
[Fig. 4C]



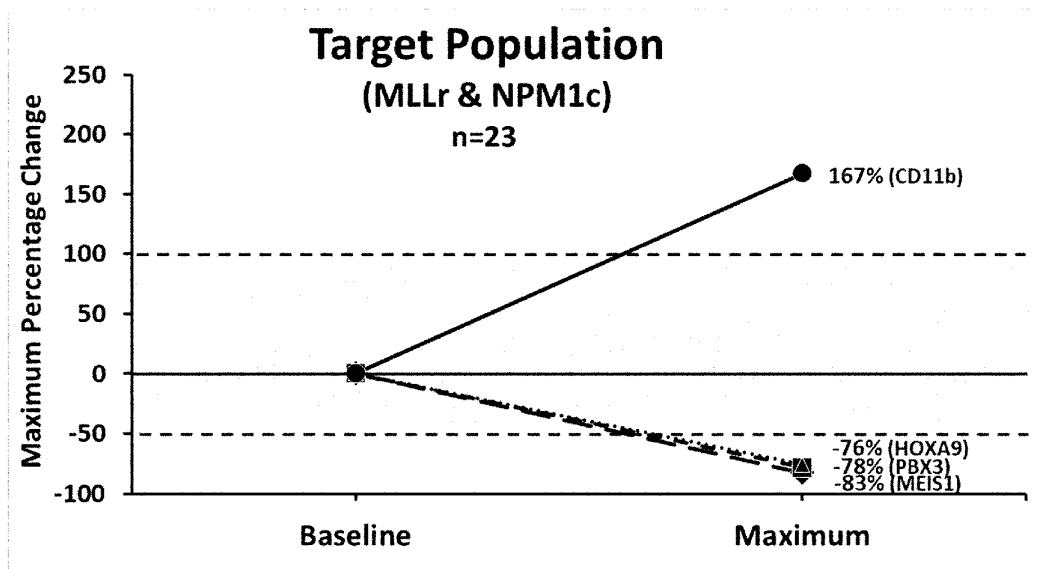
[Fig. 4D]



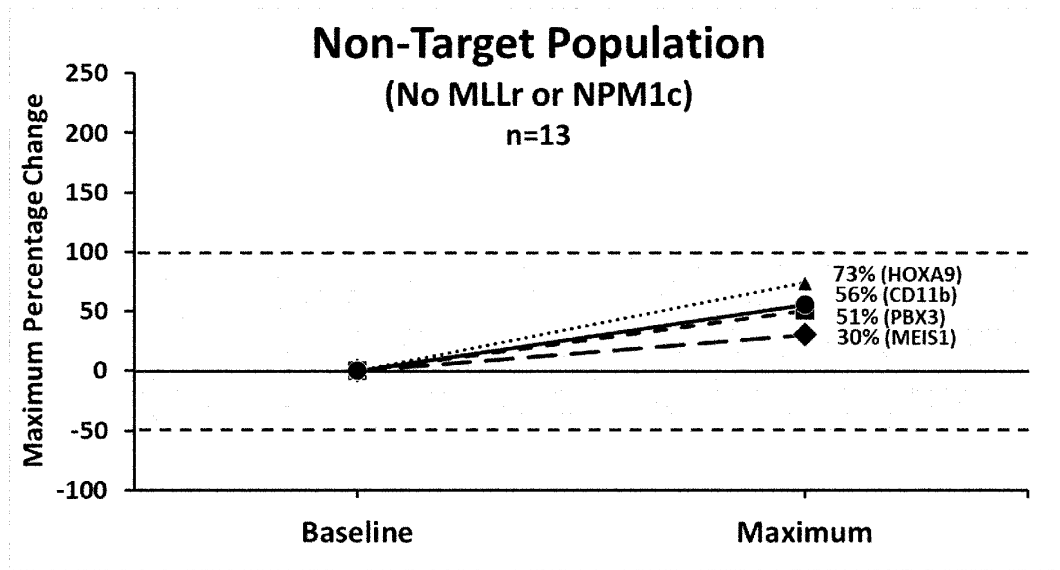
[Fig. 5]



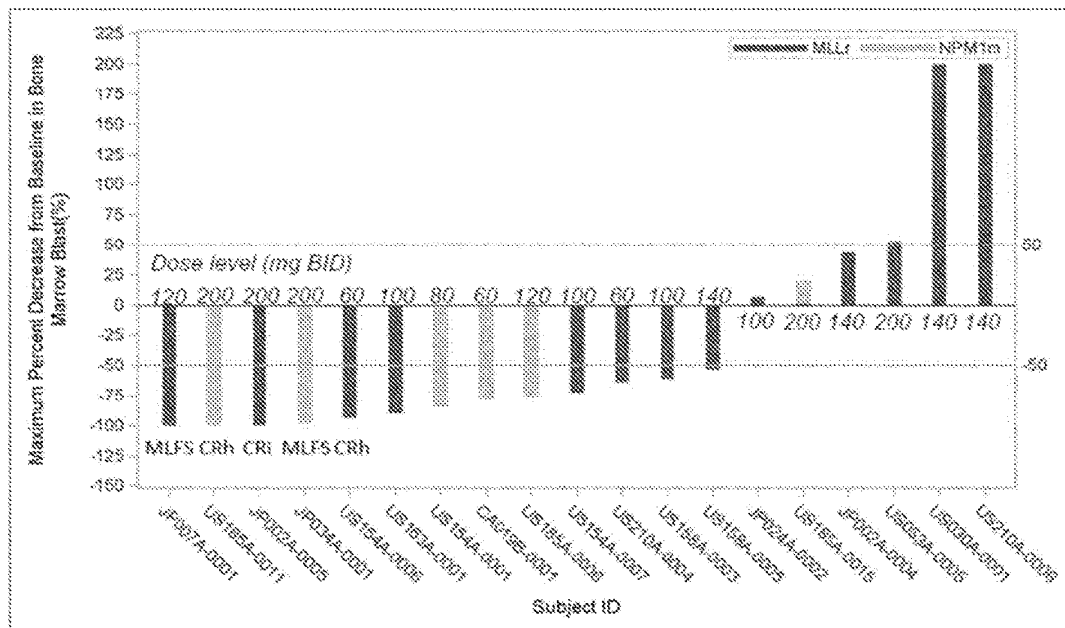
[Fig. 6A]



[Fig. 6B]



[Fig. 7A]



Maximum Percent Decrease from Baseline in Bone Marrow Blast(%)

Legend: MLR (grey), NPM1m (black)

Subject ID

Subject ID	MLR (%)	NPM1m (%)
US107A-0001-A-120mg	-40	
US107A-0001-A-140mg	-40	
US107A-0001-A-160mg	-40	
US107A-0001-A-180mg	-40	
US107A-0001-A-200mg	-40	
US107A-0001-A-220mg	-40	
US107A-0001-A-240mg	-40	
US107A-0001-A-260mg	-40	
US107A-0001-A-280mg	-40	
US107A-0001-A-300mg	-40	
US107A-0001-A-320mg	-40	
US107A-0001-A-340mg	-40	
US107A-0001-A-360mg	-40	
US107A-0001-A-380mg	-40	
US107A-0001-A-400mg	-40	
US107A-0001-A-420mg	-40	
US107A-0001-A-440mg	-40	
US107A-0001-A-460mg	-40	
US107A-0001-A-480mg	-40	
US107A-0001-A-500mg	-40	
US107A-0001-A-520mg	-40	
US107A-0001-A-540mg	-40	
US107A-0001-A-560mg	-40	
US107A-0001-A-580mg	-40	
US107A-0001-A-600mg	-40	
US107A-0001-A-620mg	-40	
US107A-0001-A-640mg	-40	
US107A-0001-A-660mg	-40	
US107A-0001-A-680mg	-40	
US107A-0001-A-700mg	-40	
US107A-0001-A-720mg	-40	
US107A-0001-A-740mg	-40	
US107A-0001-A-760mg	-40	
US107A-0001-A-780mg	-40	
US107A-0001-A-800mg	-40	
US107A-0001-A-820mg	-40	
US107A-0001-A-840mg	-40	
US107A-0001-A-860mg	-40	
US107A-0001-A-880mg	-40	
US107A-0001-A-900mg	-40	
US107A-0001-A-920mg	-40	
US107A-0001-A-940mg	-40	
US107A-0001-A-960mg	-40	
US107A-0001-A-980mg	-40	
US107A-0001-A-1000mg	-40	
US107A-0001-A-1020mg	-40	
US107A-0001-A-1040mg	-40	
US107A-0001-A-1060mg	-40	
US107A-0001-A-1080mg	-40	
US107A-0001-A-1100mg	-40	
US107A-0001-A-1120mg	-40	
US107A-0001-A-1140mg	-40	
US107A-0001-A-1160mg	-40	
US107A-0001-A-1180mg	-40	
US107A-0001-A-1200mg	-40	
US107A-0001-A-1220mg	-40	
US107A-0001-A-1240mg	-40	
US107A-0001-A-1260mg	-40	
US107A-0001-A-1280mg	-40	
US107A-0001-A-1300mg	-40	
US107A-0001-A-1320mg	-40	
US107A-0001-A-1340mg	-40	
US107A-0001-A-1360mg	-40	
US107A-0001-A-1380mg	-40	
US107A-0001-A-1400mg	-40	
US107A-0001-A-1420mg	-40	
US107A-0001-A-1440mg	-40	
US107A-0001-A-1460mg	-40	
US107A-0001-A-1480mg	-40	
US107A-0001-A-1500mg	-40	
US107A-0001-A-1520mg	-40	
US107A-0001-A-1540mg	-40	
US107A-0001-A-1560mg	-40	
US107A-0001-A-1580mg	-40	
US107A-0001-A-1600mg	-40	
US107A-0001-A-1620mg	-40	
US107A-0001-A-1640mg	-40	
US107A-0001-A-1660mg	-40	
US107A-0001-A-1680mg	-40	
US107A-0001-A-1700mg	-40	
US107A-0001-A-1720mg	-40	
US107A-0001-A-1740mg	-40	
US107A-0001-A-1760mg	-40	
US107A-0001-A-1780mg	-40	
US107A-0001-A-1800mg	-40	
US107A-0001-A-1820mg	-40	
US107A-0001-A-1840mg	-40	
US107A-0001-A-1860mg	-40	
US107A-0001-A-1880mg	-40	
US107A-0001-A-1900mg	-40	
US107A-0001-A-1920mg	-40	
US107A-0001-A-1940mg	-40	
US107A-0001-A-1960mg	-40	
US107A-0001-A-1980mg	-40	
US107A-0001-A-2000mg	-40	
US107A-0001-A-2020mg	-40	
US107A-0001-A-2040mg	-40	
US107A-0001-A-2060mg	-40	
US107A-0001-A-2080mg	-40	
US107A-0001-A-2100mg	-40	
US107A-0001-A-2120mg	-40	
US107A-0001-A-2140mg	-40	
US107A-0001-A-2160mg	-40	
US107A-0001-A-2180mg	-40	

Maximum Change from Baseline in Bone Marrow Blast(%)

Legend: MLLr (hatched bars), NPM1m (solid black bars)

Arm and Dose	MLLr (%)	NPM1m (%)
1B-14mg	-85	OK
2A-14mg	-85	OK
3A-14mg	-75	OK
4B-14mg	-75	OK
5B-14mg	-75	OK
6B-14mg	-75	OK
7A-14mg	-75	OK
8A-14mg	-75	OK
9B-14mg	-75	OK
10B-14mg	-75	OK
11B-14mg	-75	OK
12B-14mg	-75	OK
13A-14mg	-75	OK
14A-14mg	-75	OK
15B-14mg	-75	OK
16B-14mg	-75	OK
17B-14mg	-75	OK
18B-14mg	-75	OK
19A-14mg	-75	OK
20B-14mg	-75	OK
21B-14mg	-75	OK
22B-14mg	-75	OK
23A-14mg	-75	OK
24B-14mg	-75	OK
25B-14mg	-75	OK
26A-14mg	-75	OK
27A-14mg	-75	OK
28B-14mg	-75	OK
29B-14mg	-75	OK
30A-14mg	-75	OK

Arm and Dose