

Supplementary Table 3

METHYLATION GROUPS	TOTAL	LM	IM	HM	p
PATIENTS					
Patients	255	104	67	84	
SOURCE					
Bone marrow	175 (68.6%)	73 (70.2%)	45 (67.2%)	57 (67.9%)	0.9012
Peripheral blood	80 (31.4%)	31 (29.8%)	22 (32.8%)	27 (32.1%)	
STUDY GROUP					
EWOG-MDS	125 (49.0%)	41 (39.4%)	48 (71.6%)	36 (42.9%)	<0.0001
JAPAN	93 (36.5%)	50 (48.1%)	9 (13.4%)	34 (40.5%)	<0.0001
USA	37 (14.5%)	13 (12.5%)	10 (14.9%)	14 (16.7%)	0.7178
AGE					
Median (Range) [years]	1.4 (0.1, 13.4)	0.7 (0.1, 8.7)	1.4 (0.1, 6.0)	3.0 (1.0, 13.4)	<0.0001
≥ 1 year	154 (60.4%)	41 (39.4%)	47 (70.1%)	84 (100%)	<0.0001
≥ 2 years	101 (39.6%)	12 (11.5%)	21 (31.3%)	68 (81.0%)	<0.0001
SEX					
Male	175 (68.6%)	63 (60.6%)	48 (71.6%)	64 (76.2%)	0.0595
Female	80 (31.4%)	41 (39.4%)	19 (28.4%)	20 (23.8%)	
MUTATION GROUP					
PTPN11	97 (38.0%)	10 (9.6%)	28 (41.8%)	59 (70.2%)	<0.0001
NF1	24 (9.4%)	4 (3.8%)	9 (13.4%)	11 (13.1%)	0.0411
NRAS	40 (15.7%)	30 (28.8%)	3 (4.5%)	7 (8.3%)	<0.0001
KRAS	36 (14.1%)	14 (13.5%)	18 (26.9%)	4 (4.8%)	0.0005
CBL	36 (14.1%)	35 (33.7%)	1 (1.5%)	0 (0.0%)	<0.0001
Quint.-neg.	21 (8.2%)	11 (10.6%)	8 (11.9%)	2 (2.4%)	0.0555
KARYOTYPE					
Monosomy 7	36 (14.1%)	0 (0.0%)	27 (40.3%)	9 (10.7%)	<0.0001
HbF					
Elevated	145 (69%)	37 (45.1%)	35 (63.6%)	73 (100%)	<0.0001
Normal	65 (31%)	45 (54.9%)	20 (36.4%)	0 (0%)	
n	210	82	55	73	
LEUKOCYTES					
Median (Range) [x10 ⁹ /L]	29.9 (2.9, 563.0)	30.1 (5.7, 162.0)	30.1 (5.1, 108.9)	27.3 (2.9, 563.0)	0.2731
≥ 25 x 10 ⁹ /L	149 (58.9%)	64 (62.1%)	39 (58.2%)	46 (55.4%)	0.6461
n	253	103	67	83	
PLATELETS					
Median (Range) [x10 ⁹ /L]	65.5 (5.0, 730.0)	89.5 (8.0, 454.0)	88.0 (5.0, 730.0)	46.0 (6.0, 234.0)	<0.0001
< 33 x 10 ⁹ /L	62 (25.4%)	17 (17.0%)	14 (21.9%)	31 (38.8%)	0.0029
< 50 x 10 ⁹ /L	98 (40.2%)	29 (29.0%)	23 (35.9%)	46 (57.5%)	0.0004
n	244	100	64	80	
CLUSTER					
Total LM	107 (42.0%)	100 (96.2%)	7 (10.4%)	0 (0.0%)	<0.0001
Total HM	148 (58.0%)	4 (3.8%)	60 (89.6%)	84 (100.0%)	