**TABLE 1** Comparisons of characteristics of patients grouped by EVI1 transcript levels at diagnosis.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variables | All | EVI1 transcript levels | | *P* value |
| EVI1 <0.10% | EVI1 ≥0.10% |
| N | 176 | 32 | 144 | - |
| Age (y, median; range) | 4 (0-16) | 5.5 (0-15) | 4 (0-16) | 0.67 |
| Male /Female | 94/82 | 16/16 | 78/66 | 0.67 |
| White blood cell (WBC) count (×109/L; median; range) | 6.7 (0.8-831.9) | 9.6 (1.1-831.9) | 6.3 (0.8-196) | 0.19 |
| Hemoglobin (g/L; median; range) | 85.0 (18.2-135.2) | 78.5 (37-117.2) | 86.0 (18.2-135.2) | 0.13 |
| Platelet count (×109/L; median; range) | 64.5 (4-1432) | 34 (7-184) | 78 (4-1432) | <0.001 |
| Bone marrow blasts (%, median; range) | 83 (21-98) | 86 (28-96) | 82 (21-98) | 0.023 |
| Immunophenotyping |  |  |  | 0.13 |
| Common-B | 135 | 27 | 108 |  |
| Pre-B | 31 | 2 | 29 |  |
| Pro-B | 10 | 3 | 7 |  |
| Karyotype |  |  |  | 0.41\* |
| High-hyperdiploidy | 46 | 10 | 36 |  |
| Non-high-hyperdiploidy | 117 | 19 | 98 |  |
| Unknown | 13 | 3 | 10 |  |
| MLL rearrangement/t(4;11) |  |  |  | 0.042 |
| Negative | 171 | 29 | 142 |  |
| Positive | 5 | 3 | 2 |  |
| E2A-PBX1/t(1;19) |  |  |  | 0.45 |
| Negative | 173 | 31 | 142 |  |
| Positive | 3 | 1 | 2 |  |
| TEL-AML1/t(12;21) |  |  |  | 0.047 |
| Negative | 158 | 32 | 126 |  |
| Positive | 18 | 0 | 18 |  |
| Adverse cytogenetic risk feature# |  |  |  | 0.14\* |
| Yes | 10 | 4 | 6 |  |
| No | 153 | 25 | 128 |  |
| Unknown | 13 | 3 | 10 |  |

\*: only patients with available data were used for comparison.

#: Adverse cytogenetic risk features include MLL rearrangement/t(4;11), E2A-PBX1 fusion/t(1;19), or hypodiploidy