**Suppl 3.** Structural chromosome rearrangements among 193 cases with CBF – AML from Mitelman Database

| **Variables** | **Overall**  N = 193  n (%) | **inv(16)**  N = 76  n (%) | **t(8;21)**  N = 117  n (%) | **p-value** |
| --- | --- | --- | --- | --- |
| del(2) | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| del(7) | 6 (3.1) | 4 (5.3) | 2 (1.7) | 0.2141 |
| del(9) | 12 (6.2) | 0 (0.0) | 12 (10.3) | 0.0041 |
| del(11) | 2 (1.0) | 0 (0.0) | 2 (1.7) | 0.5201 |
| del(12) | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| del(20) | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| t(1;12) | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| t(3;3) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| t(6;17) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| t(9;22) | 9 (4.7) | 8 (10.5) | 1 (0.9) | 0.0031 |
| t(11;12) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| t(15;17) | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| t(8;13;21) | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| t(9;22;14) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| t(9;22;19) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| t(1;1;9;22) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| t(1;13;21;8) | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| inv(18) | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| der(3)t(3;8) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| der(7)t(7;11) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| der(16)t(1;16) | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| der(21)t(8;21) | 2 (1.0) | 0 (0.0) | 2 (1.7) | 0.5201 |
| der(22)t(9;22) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| der(8)inv(8) | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| add(1) | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| add(4) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| add(5) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| add(6) | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| ins(9;22) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| idic(22) | 1 (0.5) | 1 (1.3) | 0 (0.0) | 0.3941 |
| +mar | 1 (0.5) | 0 (0.0) | 1 (0.9) | >0.9991 |
| 1 Fisher's exact test  del(2): delection of chromosome 2; del(7): delection of chromosome 7; del(9): delection of chromosome 9; del(11): delection of chromosome 11; del(12): delection of chromosome 12; del(20): delection of chromosome 20; t(1;12): chromosomal translocation t(1;12); t(3;3): chromosomal translocation t(3;3); t(6;17): chromosomal translocation t(6;17); t(9;22): chromosomal translocation t(9;22); t(11;12): chromosomal translocation t(11;12); t(15;17): chromosomal translocation t(15;17); t(8;13;21): chromosomal translocation t(8;13;21); t(9;22;14): chromosomal translocation t(9;22;14); t(9;22;19): chromosomal translocation t(9;22;19); t(1;1;9;22): chromosomal translocation t(1;1;9;22); t(1;13;21;8): chromosomal translocation t(1;13;21;8); inv(18): chromosomal inversion inv(18); der(3)t(3;8): derivative chromosome 3 with chromosomal translocation t(3;8); der(7)t(7;11): derivative chromosome 7 with chromosomal translocation t(7;11); der(16)t(1;16): derivative chromosome 16 with chromosomal translocation t(1;16); der(21)t(8;21): derivative chromosome 21 with chromosomal translocation t(8;21); der(22)t(9;22): derivative chromosome 22 with chromosomal translocation t(9;22); der(8)t(8): derivative chromosome 8 with chromosomal inversion inv(8); add(1): additional chromosome 1; add(4): additional chromosome 4; add(5): additional chromosome 5; add(6): additional chromosome 6; ins(9;22): chromosome insertion ins(9;22); idic(22): isodicentric marker chromosome idic(22); +mar: marker chromosome. | | | | |