

Supplementary Table . Patient characteristics arranged in a descending order of *MIR9* expression

| Pt. No | Level of <i>MIR9</i> | Age, Y | Sex | WBC count ×10 ⁹ /mL | PB blasts,% | BM blasts,% | LDH IU/L | Surface marker | Cytogenetics | <i>NOTCH</i> <i>1</i> status | Response to 1st induction | Induction therapy involving imatinib | HSCt | Relapse- free survival | Disease status | Days of follow up |
|--------|----------------------|--------|-----|-----------------------------------|----------------|----------------|-------------|-------------------|--|---------------------------------|------------------------------|---|------|------------------------------|-------------------|----------------------|
| 22 | 5.278032 | 41 | M | 10700 | 43 | 94.6 | 268 | T | Normal | WT | CR | | + | | alive | 958 |
| 20 | 3.680751 | 18 | M | 86600 | 90 | 95.6 | 8100 | T | Normal | WT | CR | | - | 213 | dead | 400 |
| 18 | 1.497442 | 78 | F | 125000 | 80.5 | 66.6 | 8542 | T | 46,XX,inv(6)(p23q21),-17,+mar1/46,XX,der9(q22) | WT | Non-CR | | - | dead | 149 | |
| 9 | 0.364124 | 36 | M | 97200 | 96 | 96.6 | 834 | B | Ph1 | | Non-CR | - | - | dead | 10 | |
| 8 | 0.226095 | 58 | M | 2500 | 25.5 | 92 | 457 | B | Normal | | CR | | + | 605 | dead | 977 |
| 6 | 0.21576 | 40 | F | 1700 | 0 | 97 | 820 | B | Ph1 | | CR | - | + | | alive | 3333 |
| 25 | 0.156583 | 16 | F | 6700 | 0 | 15 | 188 | T | Normal | WT | CR | | + | 264 | alive | 917 |
| 12 | 0.115223 | 34 | F | 2800 | 0 | 2.8 | 241 | B | t(6;8)(p23;p21) | | CR | | - | 464 | dead | 590 |
| 27 | 0.108255 | 27 | M | 2800 | 40 | 97.2 | 746 | B | Normal | | CR | | + | 633 | alive | 866 |
| 10 | 0.076548 | 60 | M | 37800 | 86.5 | 82.6 | 402 | T | 45,X,-Y | mutated | Non-CR | | - | 144 | dead | 474 |
| 16 | 0.03935 | 30 | M | 23100 | 69.5 | 80 | 100 | B | Ph1 | | CR | - | + | 92 | alive | 1920 |
| 32 | 0.017579 | 58 | F | 51500 | 77.5 | 91.2 | 1038 | B | Ph1 | | CR | + | - | | alive | 198 |
| 7 | 0.017247 | 68 | F | 122800 | 55.5 | 79.2 | 2358 | B | Ph1 | | Non-CR | - | - | 276 | dead | 493 |
| 19 | 0.016064 | 41 | M | 309600 | 74 | 73.4 | 994 | B | Ph1 | | Non-CR | + | + | 224 | dead | 329 |
| 30 | 0.013864 | 26 | M | 6600 | 29.5 | 69.2 | 508 | B | 51,XX,+X,+8,+10,+14,-20,+21,+22 | | CR | | - | | alive | 252 |
| 11 | 0.011986 | 55 | M | 2100 | 67 | 77.4 | 158 | B | Normal | | CR | | + | | alive | 2522 |
| 5 | 0.011618 | 48 | M | 56900 | 91 | 92 | 1392 | B | t(8;17)(p11;p11),inv(1)(p32q32) | | CR | | - | 131 | dead | 311 |
| 2 | 0.011183 | 16 | M | 72400 | 90.5 | 99.4 | 103900 | B | Normal | | CR | | + | 368 | dead | 888 |
| 1 | 0.010416 | 41 | M | 444000 | 88.5 | 98.6 | 446 | B | Normal | | CR | | + | 1415 | dead | 1360 |
| 23 | 0.008074 | 23 | M | 80100 | 91 | 97.8 | 4615 | T | add(7)(q32),+8,add(10)(q22) | mutated | CR | | + | | alive | 1072 |
| 13 | 0.005543 | 70 | F | 3300 | 32 | 89.2 | 2289 | B | Ph1 | | CR | - | - | | alive | 2214 |
| 15 | 0.005477 | 44 | F | 104700 | 95 | 98.8 | 2975 | B | t(4;11) | | Non-CR | | - | | dead | 67 |
| 17 | 0.004851 | 78 | F | 29000 | 60.5 | 94.2 | 263 | B | Ph1 | | CR | - | - | | alive | 1462 |
| 4 | 0.004433 | 33 | F | 50600 | 85 | 95.2 | 1257 | B | Ph1 | | CR | - | + | 128 | dead | 1190 |
| 31 | 0.004312 | 15 | M | 306900 | 96 | 95.6 | 1258 | B | Normal | | CR | | + | | alive | 222 |
| 24 | 0.004267 | 43 | M | 139100 | 86 | 98 | 2081 | B | Ph1 | | CR | + | - | 294 | dead | 539 |
| 26 | 0.004122 | 28 | M | 63400 | 79 | 90.2 | 876 | B | Ph1 | | CR | + | - | 256 | dead | 811 |
| 28 | 0.003502 | 29 | M | 8200 | 34 | 66 | 132 | T | Normal | WT | CR | | - | | alive | 650 |
| 14 | 0.002392 | 49 | M | 173300 | 96 | 95.8 | 661 | B | Ph1 | | Non-CR | | + | | alive | 1973 |
| 29 | 0.002209 | 55 | F | 38400 | 94 | 95 | 263 | B | Ph1 | | CR | + | - | | alive | 236 |
| 21 | 0.001903 | 50 | M | 2200 | 0 | 89.8 | 476 | B | Normal | | CR | - | - | | alive | 3537 |
| 3 | 0.0013 | 46 | F | 9200 | 65 | 95.4 | 371 | B | Normal | | CR | | + | | alive | 1055 |

Levels of *MIR9* are indicated as relative expression values to control small nuclear RNAs.