**Table S1. Clinical characteristics of CML and AML patient samples.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sample ID** | **Disease classification** | **Age** | **Sex** | **Disease Status** | **Cytogenetics** |
| SU034 | CML | 49 | Male | Chronic-Phase | t(9;22) |
| SU038 | CML | 43 | Male | Chronic-Phase | t(9;22) |
| SU287 | CML | 23 | Male | Chronic-Phase | t(9;22) |
| SU266 | AML | 64 | Male | De novo | inv(3)(q21q26) |
| SU320 | AML | 68 | Male | De novo | No analyzable metaphases |