**SUPPLEMENTARY FILE 2**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Issue of**  **analysis**  **Metho-**  **dology** | *Identifi-cation of leukemic cells* | *Identification of leukemic subclones* | *Classifi-cation of leukemic lineage* | *Lower limit for detection of MRD* | *Amount of material required* | *Time required for ana-lysis* | *Est. cost of ana-lysis*  *[€]* |
| ***Morpho-logical analysis*** | Yes | Only if based on morpho-logical differ-rences | Uncertain | 1 / 1x102 | 100 µl | 1 – 2 h | 5 |
| ***Cyto-chemical***  ***staining*** | Yes | Yes | Yes | 1 / 1x102 | 100 µl | 1 –2 h | 10 |
| ***FACS analysis*** | Yes | Yes | Yes | 1 / 5x103  – 1x104 | 100 – 1000 µl | 1 – 4 h | 100 - 500 |
| ***Molecular analysis*** | Yes | Yes | Yes | 1/ 1x104  – 1x106 | 5 – 10 ml | 1 – 10 days | 500 - 5000 |
| ***MORE analysis*** | Yes | Yes | Possible, but not yet formally tested | Possible, but not yet formally tested | 10 µl | 30 min | 20 |