**Oncomine Myeloid Assay Panel**

DNA (SNV/indel):

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ABL1 | ANKRD26 | ASXL1 | BCOR | BRAF | CALR | CBL | CEBPA | CSF3R | DDX41 |
| DNMT3A | ETV6 | EZH2 | FLT3 | GATA2 | HRAS | IDH1 | IDH2 | IKZF1 | JAK2 |
| KIT | KRAS | MPL | MYD88 | NF1 | NPM1 | NRAS | PHF6 | PPM1D | PRPF8 |
| PTPN11 | RB1 | RUNX1 | SETBP1 | SF3B1 | SH2B3 | SMC1A | SMC3 | SRSF2 | STAG2 |
| TET2 | TP53 | U2AF1 | WT1 | ZRSR2 |  |  |  |  |  |

RNA gene fusion:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ABL1 | ALK | BCL2 | BRAF | CCND1 | CREBBP | EGFR | ETV6 | FGFR1 | FGFR2 |
| FUS | HMGA2 | JAK2 | KMT2A (MLL) | MECOM | MET | MLLT3 | MLLT10 | MYBL1 | MYH11 |
| NTRK3 | NUP98 | NUP214 | PDGFRA | PDGFRB | RARA | RBM15 | RUNX1 | TCF3 | TFE3 |

Expression genes:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| BAALC | NECOM | MYC | SMC1A | WT1 |

Expression control genes:

|  |  |  |  |
| --- | --- | --- | --- |
| EIF2B1 | FBXW2 | PSMB2 | PUM1 |