| FUSIONS      | Forward (5’-3’)                                                                 | Reverse (5’-3’)                                                                 |
|-------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| EEA1-PDGFRB | TGCCGACAGTGTGGAATATCTCTCTGTG                                                   | GCACAAGCTGGTCCCCGGCGGAGGCCTC                                                  |
| FUS-FEV     | GTGCCGCGACATGGCCTCA                                                             | GTTCTTCCCGTCCTTGAAGAG                                                        |
| VWC2-IKZF1  | GACGAGAGCGGCTTCGTGTA                                                           | GACATGTCTTGACCCTTCATCAG                                                      |
| NON PATHOGENIC FUSIONS | Forward (5’-3’) | Reverse (5’-3’) |
| OAZ1-DOT1   | GCCGCACCATGGCGCTCCCTAGCCGCTC                                                  | TCTCCATAGCGAGCTTGAAGAGCCGG                                                    |
| TFG-GPR128  | GATAGTTCTGACCTTCTTCTTTTG                                                      | GCCATTTCCCGTCTCCCACT                                                       |
| POLE-FUS    | GCGCGGATGGCGGAGGCCCAGCA                                                        | CTATAATACCAATCTGCTTGAAGTA                                                    |