

| <b>FUSIONS</b>                | <b>Forward (5'-3')</b>       | <b>Reverse (5'-3')</b>      |
|-------------------------------|------------------------------|-----------------------------|
| <i>EEA1-PDGFRB</i>            | TGCCGACAGTGTGGAAATATCTTCTGTG | GCACAAGCTGGTCCCGCGGCAGCTC   |
| <i>FUS-FEV</i>                | GTGCGCGGACATGGCCTCA          | GTTCTTCCCGTCCTTGAAGAG       |
| <i>VWC2-IKZF1</i>             | GACGAGAGCGGCTTCGTGTA         | GACATGTCTTGACCCTCATCAG      |
| <b>NON PATHOGENIC FUSIONS</b> | <b>Forward (5'-3')</b>       | <b>Reverse (5'-3')</b>      |
| <i>OAZ1-DOT1</i>              | GCCGCACCATGCCGCTCCTAAGCCT    | TCTCCATAGCGAGCTTGAGATCCGG   |
| <i>TFG-GPR128</i>             | GATAGTTCTGACCTTTCCTTTG       | GCCATTTTCCAGGTTCCACCAT      |
| <i>POLE-FUS</i>               | GCGCGGATGGCGAGGCCAGCA        | CTTAATAATACCAATCTGCTTGAAGTA |