

Supplementary Material V

PRDX4_WT GAGTTTCTGCCAGCATTAGCCCATTAAG **CCATG**TCAGAAATATAAAATAGTTGAGGTAGAAGAGA

DMD_WT CTCCATCACACTGCTCAAATAAAGTTCC **CCATG**GAGCCCTGCTAGATCCCTGCAGTTGGAAGAAATCTGTCTTT

BrPT-1 GAGTTTCTGCCAGCATTAGCCCATTAAGCCCTGCTAGATCCCTGCAGTTGGAAGAAATCTGTCTTT

BrPT-2 CTCCATCACACTGCTCAAATAAAGTTACATTAGC **CCATG**TCAGAAATTTCTAACATTAGC **CCATG**TCAGAAATATAAAATAGTTG..

Alignment of sequences at inversion junctions. Microhomology was found between the wild type sequences in the breakpoint regions (boxed). This microhomology is absent in one of the breakpoints (BrPT-1), and part of a duplicated region (underlined) in the other breakpoint (BrPT-2).