



**S2 Fig.** Sanger sequencing of the RT-PCR product (249bp) generated from the KIAA1549-BRAF 16-9 fusion of in case PA6. The electropherogram display 15bp spanning the junction, and translation into amino acids (aa). The KIAA1549-BRAF exon 16-9 fusion generates an in-frame junction and a putative fusion protein of 2135 amino acids (aa).