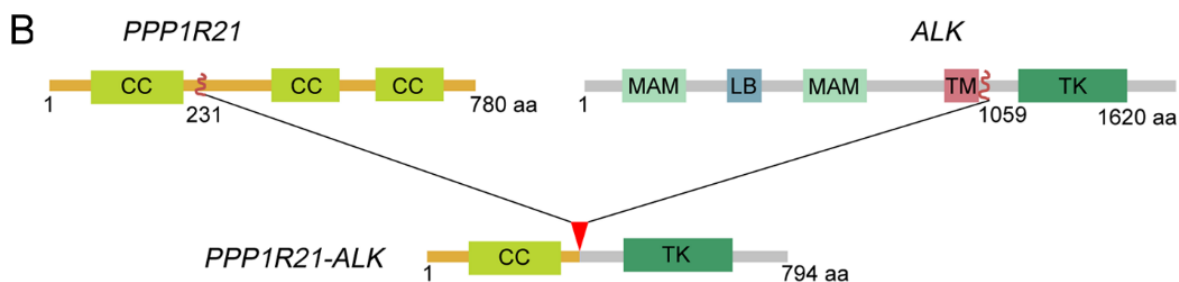
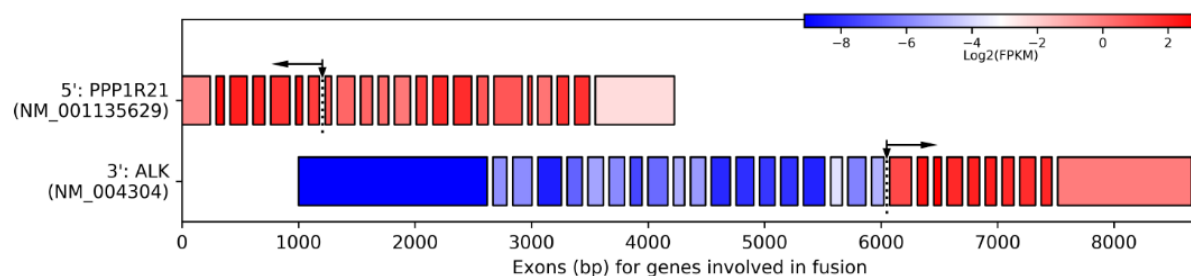


## A *PPP1R21* (ex7)-*ALK* (ex20) fusion



**Supplemental Figure 2. Identification of *PPP1R21* (exon7)-*ALK* (exon20) fusion.** (A) Analysis of mRNA expression levels of individual *PPP1R21* and *ALK* exons using RNA-Seq data showed overexpression of *ALK* exons 20 to 29 downstream of the fusion point. Each box represents an exon, and the boxes are colored according to the logarithm of their expression levels as measured in RPKMs (reads per kilobase per million reads). (B) Schematic representation of the predicted chimeric protein containing the dimerization coiled-coil domain (CC) of *PPP1R21* and tyrosine kinase (TK) domain of *ALK*. MAM, merpin, A5 protein and receptor protein tyrosine mu; LB, ligand binding domain; TM, transmembrane domain.