

Supplementary Figure1. ***ROS1* Intron 31 coverage by DNASeq.** Horizontal gray bars indicate sequencing coverage as illustrated on Integrated Genomics Viewer (IGV). Horizontal bottom blue bars indicate MSK-IMPACT discontinuous probe tiling in intron 31 due to known repetitive elements (purple bars). Intronic regions without tiling probes lack sequencing coverage (as indicated by blank areas).



Supplementary Figure 2. **Access to adequate material for RNA extraction.** Simplifiedschematic description of the DNA extraction workflow from FFPE specimen submitted for MSK-IMPACT. Leftover lysate material from DNA extraction is saved at room temperature and used for RNA extraction whenever needed.