



### Supplementary Figure 2: Overview of SAVs identified by SAVNet.

**(A)** Number of SAVs in each sample of 31 cancer types from the TCGA project. Each point corresponds to one sample of a cancer type. **(B)** Examples of SAVs associated with multiple ( $\geq 5$ ) splicing alterations. Different colors indicate different types of splicing alterations. The solid and dashed lines represent in-frame and frameshift alterations, respectively. The number at each line represents the count of supporting reads. **(C)** Number of splicing-associated indels disrupting splice donor and acceptor sites (upper) and their fraction relative to total indels (lower) at canonical or non-canonical sites.