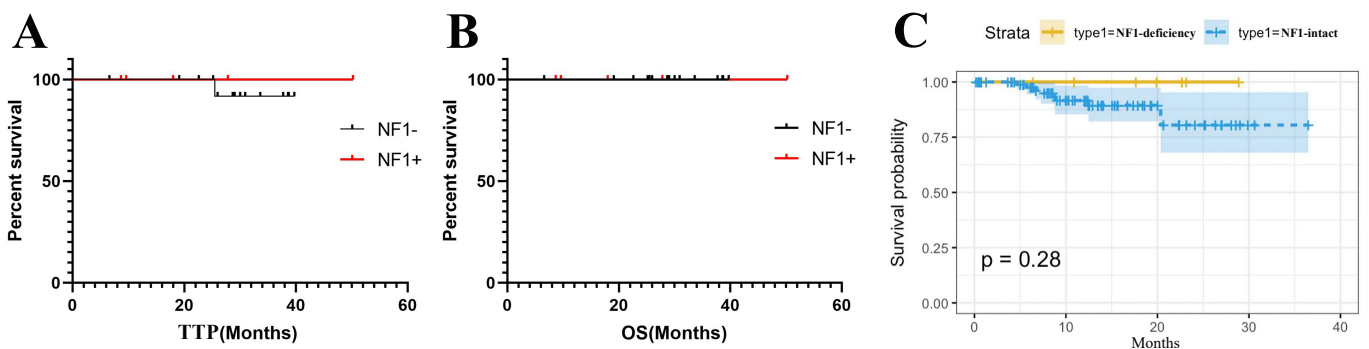


Supplementary 1 The genomic landscape of NF1-associated GISTs.

Notes: In NF1-associated GISTs, the most concurrent gene mutation was KIT (46%), followed by the mutation of the TP53 gene (15%) and NOTCH2, RB1, and TSC2.



Supplementary 2 Survival curves in NF1-intact and NF1-deficient GISTs.

Notes: Only one patient with a wild-type NF1 genotype had a relapse. All the other patients recruited from our center (A-B) still have stable disease. In the MSKCC dataset (C), the difference of OS between NF1-intact and NF1-deficient GISTs had no statistical significance, albeit the former showing a tendency of shorter OS.