



**Supplementary Fig. S1.** Co-mutation profiles associated with specific *ERBB2* and *FGFR2* alterations. A, B, Waterfall plots of the top 20 co-mutations in *ERBB2*-amplified (A) and *ERBB2*-mutated (B) tumors. C, Comparison of co-mutation frequencies between *ERBB2* amplification and mutation. D, E, Waterfall plots of the top 20 co-mutations in *FGFR2*-fused/rearranged (D) and *FGFR2*-mutated (E) tumors. F, Comparison of co-mutation frequencies between *FGFR2* fusion/rearrangement and mutation.