

**S9 Fig.** Wide range of TMB (log10) with different size of targeted NGS panels across pathological subtypes in the patients with colorectal, ovarian, gastric cancers and melanoma. The overall TMB was shown across different pathological subtypes in patients with colorectal, ovarian, gastric cancers and melanoma (A, C, E, G). The TMB comparison was performed within these two Genepanels (B, D, F, H). NGS, next generation sequencing; TMB, tumor mutational burden.