Fig. S1: Analysis of mutational signatures for eight TCGA studies (high-resolution version of Fig. 1).

The observed mutational spectrum of each study (panel a, labels at the right side of the plot) was decomposed into 5 distinct mutational signatures S1 to S5 (panel b) with NMF. Hierarchical clustering (c) of the signatures based on cosine similarity confirms the similarities in mutational processes of biologically related cancer types.

Cancer types:
- gbm: glioblastoma multiforme
- hnscc: head and neck squamous cell carcinoma
- kirc: kidney chromophobe
- luad: lung adenocarcinoma
- lusc: lung squamous cell carcinoma
- ov: ovarian serous cystadenocarcinoma
- skcm: skin cutaneous melanoma
- thca: thyroid carcinoma