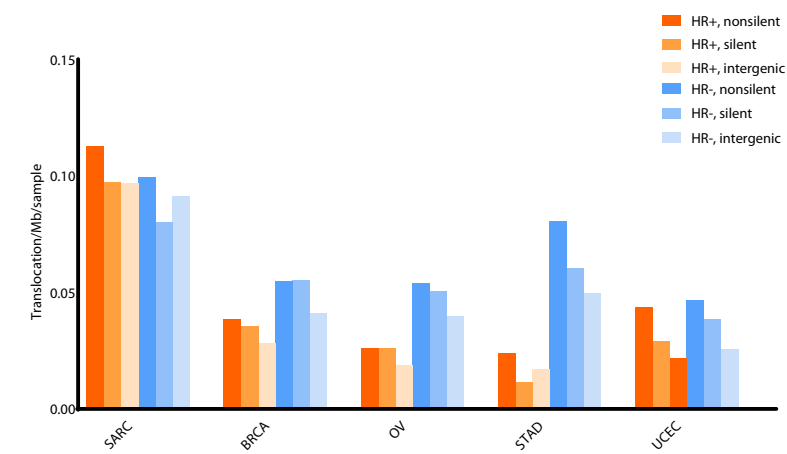


a



b

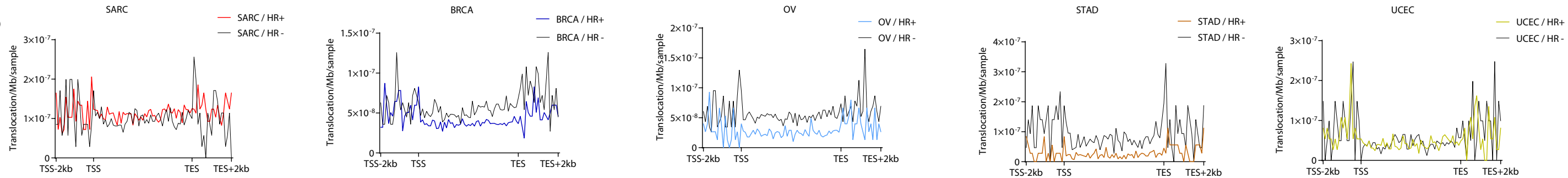


Figure 5. HR deficiency correlates with elevated frequencies of chromosomal translocation. Samples were divided into HR+ and HR- sub-groups. (a) Translocation distribution graphs and related (b) translocation profiles in nonsilent regions for two sub-groups were plotted here only for tumors with enough HR+ and HR- samples. Translocation number in each region for each sub-group is analyzed and normalized by region size and total sample number. There are more translocations in HR deficient cancer samples except SARC.