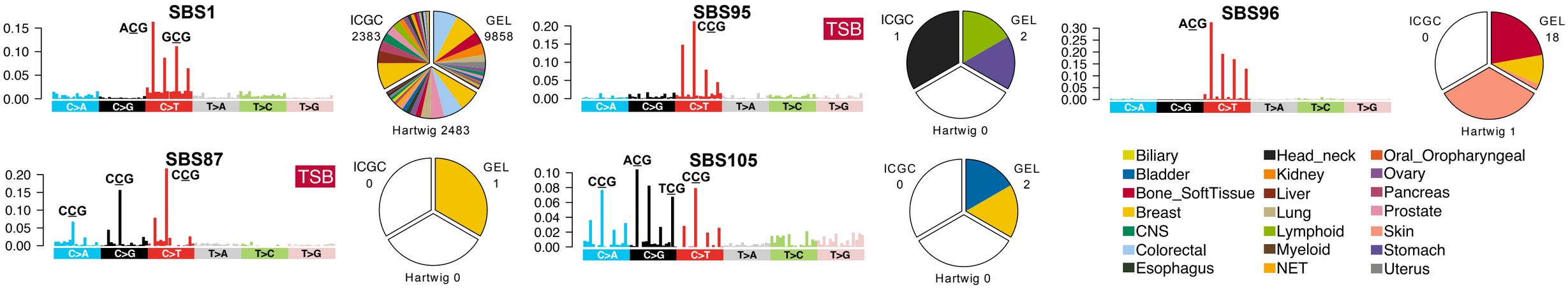
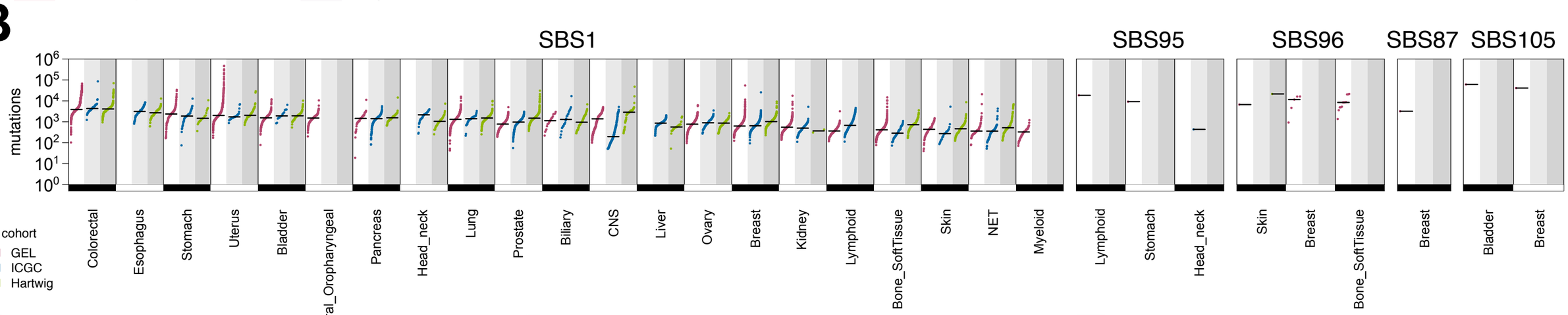
A

SBS signatures with mutations at CpG

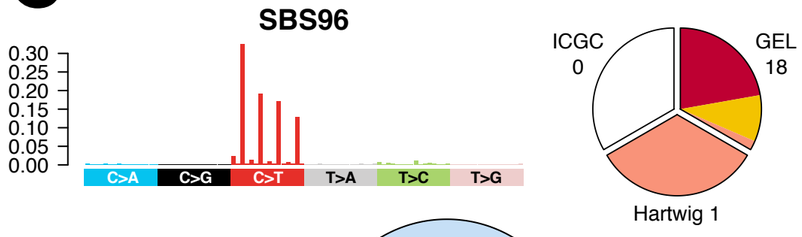


TSB Transcription strand bias RSB Replication strand bias

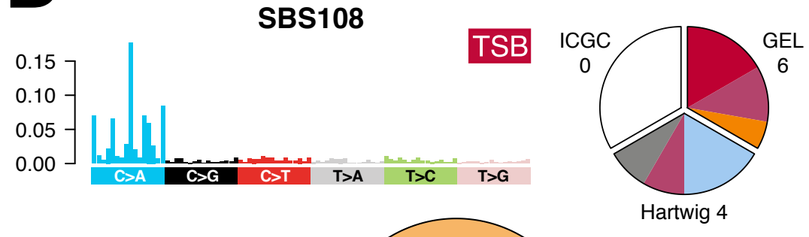
B



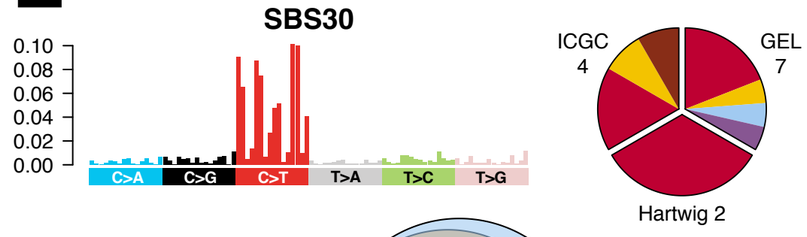
C



D

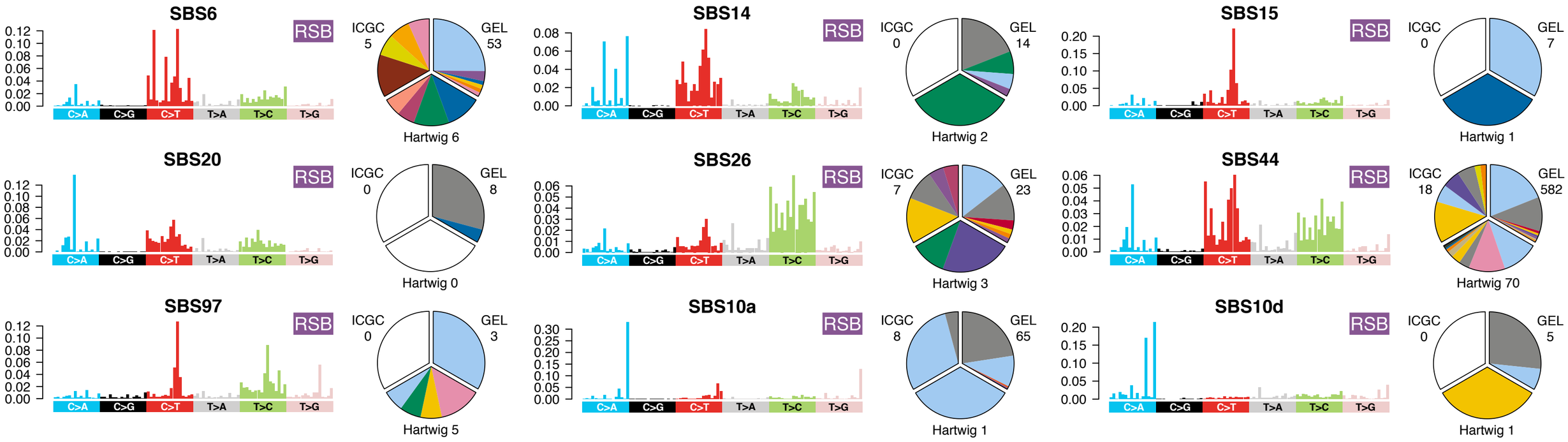


E



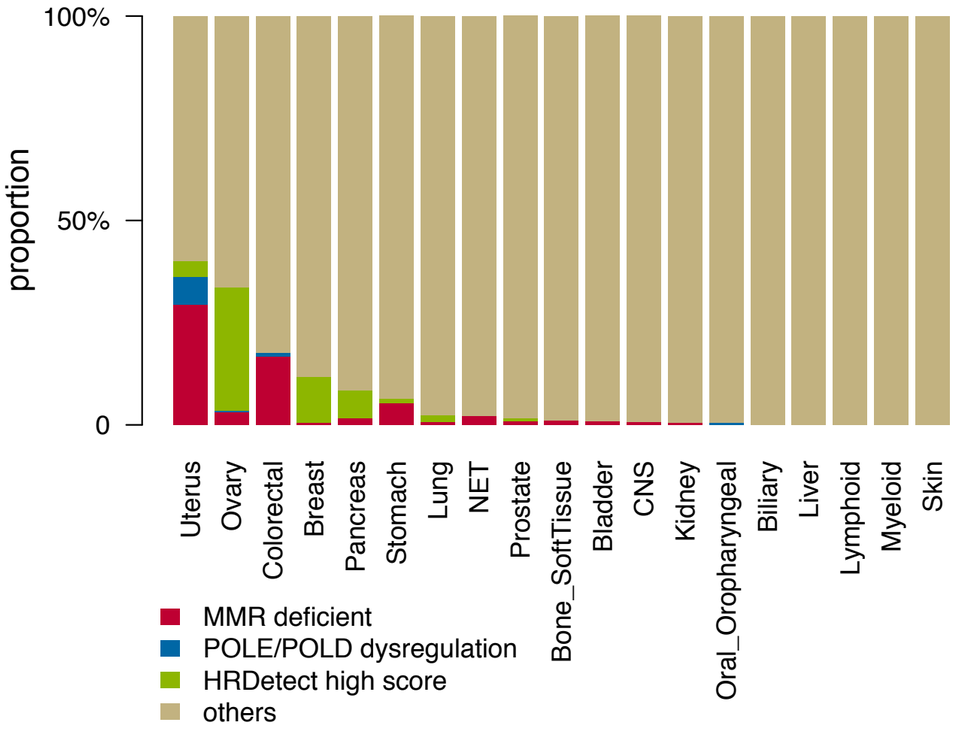
F

SBS signatures associated with MMR and POLE/POLD defects



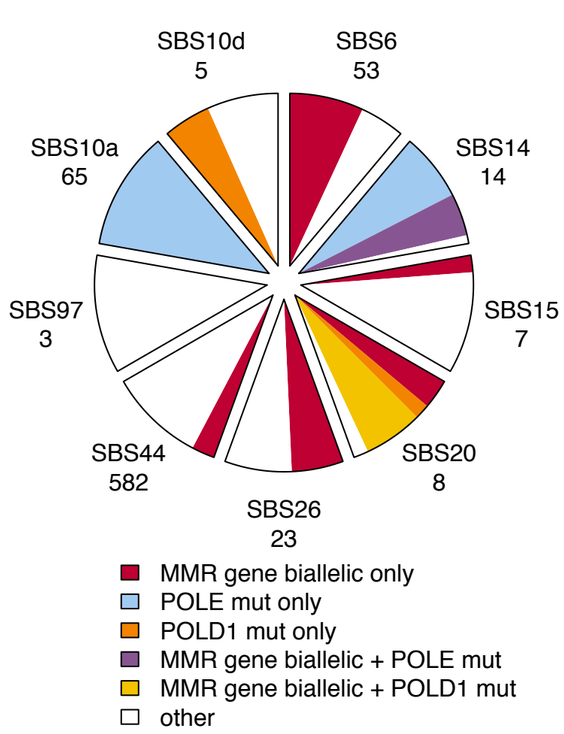
G

Proportion of samples with signatures or high HRDetect score



H

Drivers in samples with SBS signatures



I

Drivers in samples with high HRDetect score

