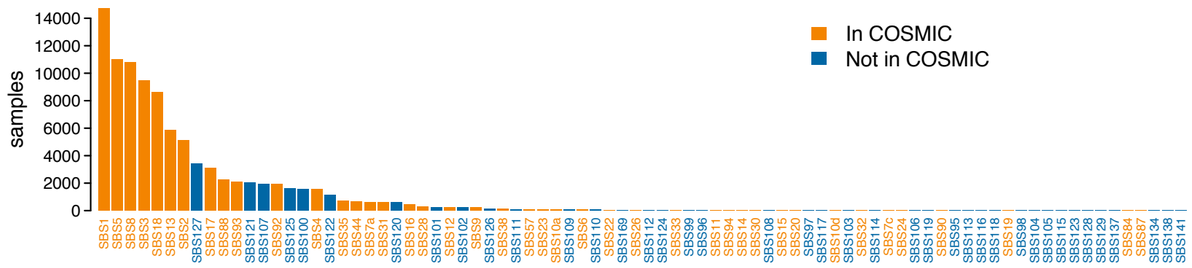
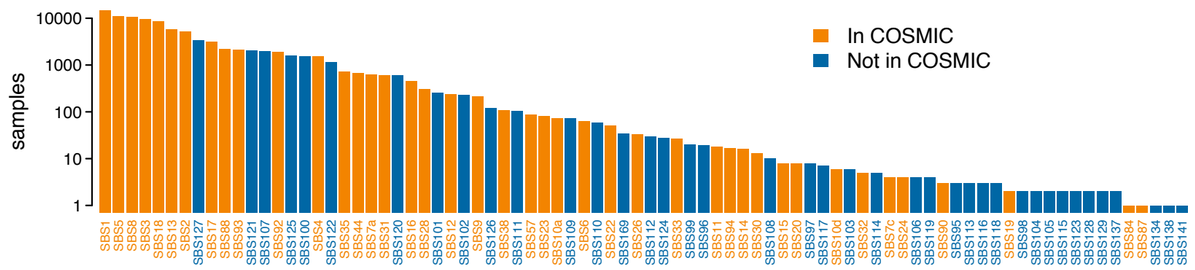
A

SBS reference signatures, all cohorts, linear scale



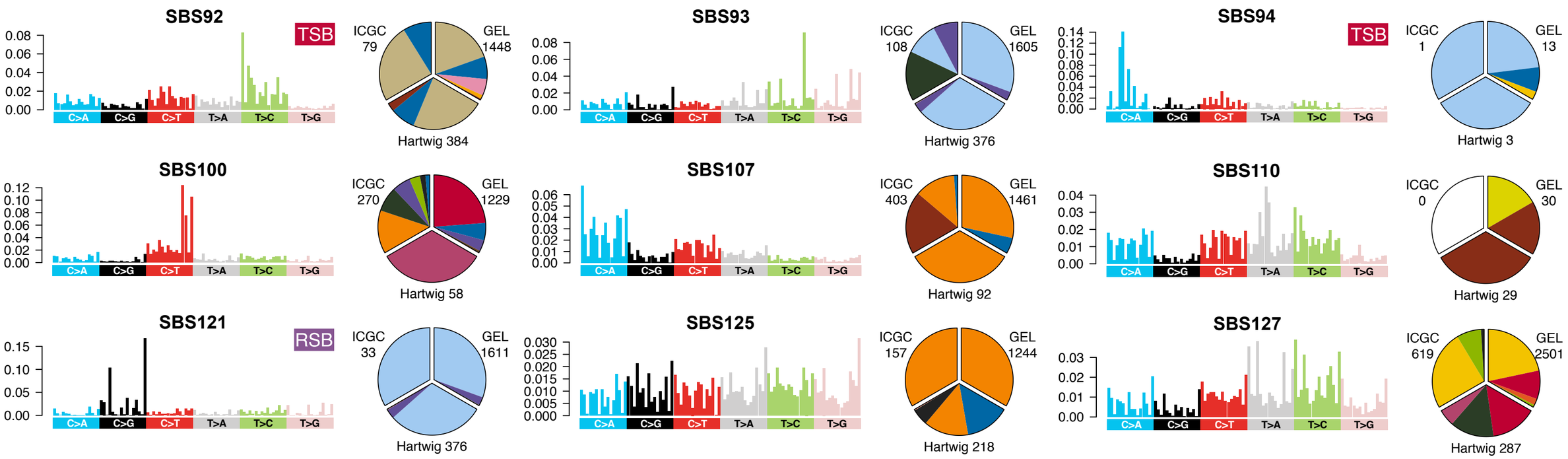
B

SBS reference signatures, all cohorts, log scale



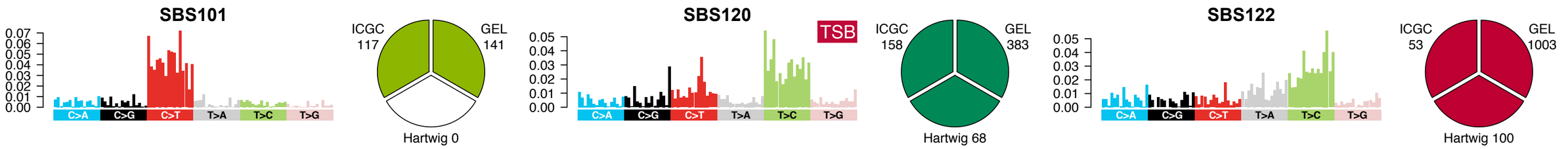
C

Previously unreported or recently discovered common SBS signatures found in multiple organs



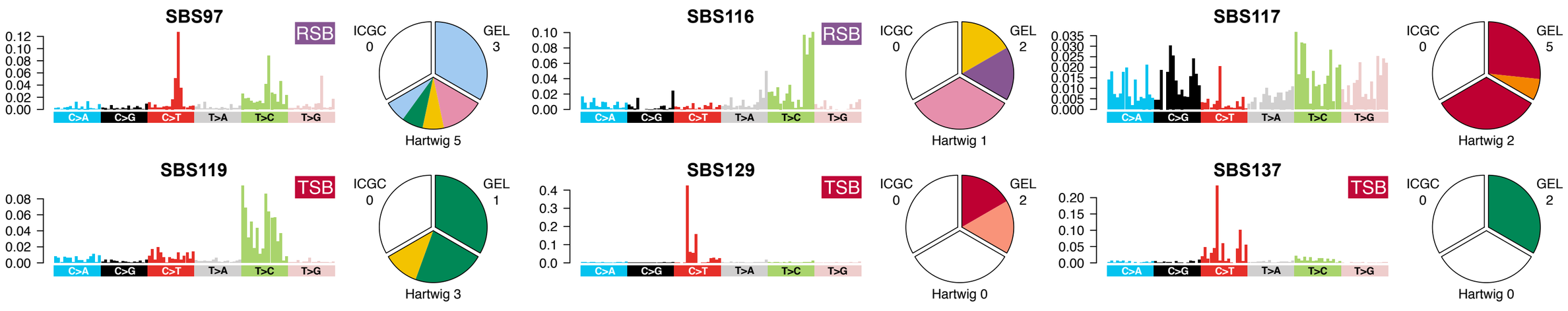
D

Previously unreported common SBS signatures found in specific organs



E

Examples of previously unreported rare SBS signatures



Biliary
Bladder
Bone_SoftTissue
Breast
CNS
Colorectal
Esophagus
Head_neck
Kidney
Liver
Lung
Lymphoid
Myeloid
NET
Oral_Oropharyngeal
Ovary
Pancreas
Prostate
Skin
Stomach
Uterus

TSB Transcription strand bias

RSB Replication strand bias