

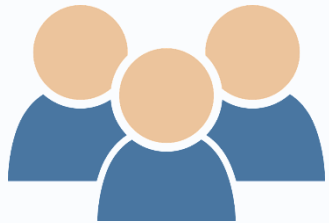
## TCGA

9,766 samples  
33 cancer types

Matched  
RNA-Seq and WES

## GTex

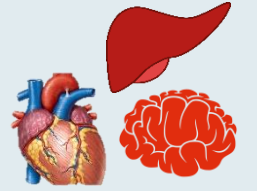
17,382 samples  
56 normal tissues



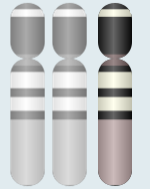
*ETG*      *ASE*  
↙      ↘  
**iNMDeff**



➤ **Variability** across tissues



➤ Somatic **mutations** and **CNA**



➤ Rare pLoF **germline variants**



➤ Somatic **selection** in TSGs



➤ Cancer **survival** and  
**immunotherapy** response

