Publicly available immune checkpoint inhibitor studies Rodriguez et al. Liu et al. Gide et al. The Cancer Riaz et al. Hugo et al. melanoma melanoma melanoma melanoma Genome Atlas melanoma anti-PD-1 anti-PD-1 anti-PD-1 anti-PD-1 anti-PD-1 (TCGA) McDermott et al. Miao et al. Mariathasan et al. Powles et al. Kim et al. urothelial urothelial renal renal gastric 30 cancer anti-PD-1 anti-PD-1 anti-PD-L1 anti-PD-L1 anti-PD-1 types Survival data **RECIST** TCGAbiolinks R ∕ORR data (Yarchoan\ raw bulk RNA-Seq Thorsson et al. response data (overall package et al.) data survival) gene Survival data standard RNA-Seq expression data T- & B-cell receptor (overall bioinformatics repertoire pipeline survival) pipeline Immune infiltration & Tumor Purity Immune infiltration & Tumor Purity

Extraction of established and potential immune tumor microenvironment biomarkers

