Top clonal proportion Summary proportion of clonotypes with specific indices 100% 75% Occupied repertoire space Clonotype indices [1:10) [11:100) [101:1000) 50% [1001:3000) [3001:10000) [10001:30000) [30001:1e+05) 25% 0% HPV51\_PD1pos\_metLN HPV7\_QVD\_metLN HPV34\_KSA\_metLN HPV34\_PD1pos\_metLN HPV34\_PD1pos\_Tumor HPV34\_QVD\_metLN HPV37\_QVD\_metLN HPV51\_KSA\_Tumor HPV51\_PD1pos\_Tumor HPV51\_QVD\_metLN HPV7\_KSA\_metLN HPV7\_PD1pos\_metLN HPV15\_KSA\_Tumor HPV15\_QVD\_Tumor HPV51\_QVD\_Tumor HPV7\_KSA\_Tumor HPV7\_PD1pos\_Tumor HPV34\_QVD\_Tumor HPV42\_QVD\_Tumor Sample