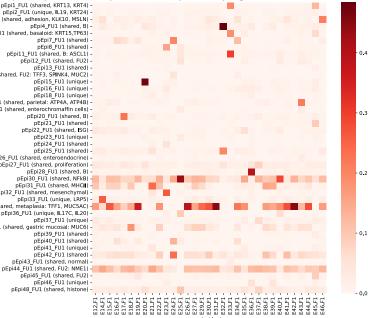


Follow-up timepoint 1 (FU1, post-chemo) epithelial programs



pEpi3 FU1 (shared, adhesion, KLK10, MSLN) pEpi4_FU1 (shared, B) pEpi6_FU1 (shared, basaloid: KRT15,TP63) pEpi7_FU1 (shared) pEpi8_FU1 (shared) pEpi1_FU1 (shared, B: ASCL1) pEpi12_FU1 (shared, FU2) pEpi12_FU1 Shared, FU2 pEpi13_FU1 (shared) pEpi14_FU1 (shared, FU2: TFF3, SPINK4, MUC2) pEpi15_FU1 (unique) pEpi16_FU1 (unique) pEpi18_FU1 (shared, parieta; ATP4A, ATP4B) pEp18_FU1 (shared, parieta: ATP4A, ATY40) pEp19_FU1 (shared, enterochromaffin cells) pEpi02_FU1 (shared, BS) pEpi02_IFU1 (shared, BS) pEpi22_FU1 (shared, BS) pEpi23_FU1 (unique) pEpi24_FU1 (shared) pEpi25 FU1 (shared) pEpi25_FUI (shared) pEpi26_FUI (shared, proliferation) pEpi27_FUI (shared, proliferation) pEpi28_FUI (shared, proliferation) pEpi30_FUI (shared, MrCII) pEpi32_FUI (shared, MrCII) pEpi35_FUI (shared, metaplasia: TFF1, MUCSAC) pEpi36_FU1 (unique, IL17C, IL20) pEpi37_FU1 (unique) pEpi37_FU1 (unique) pEpi38_FU1 (shared, gastric mucosal: MUC6) pEpi39_FU1 (shared) pEpi40_FU1 (shared) pEpi40_FU1 (shared) -pEpi41_FU1 (unique) -pEpi43_FU1 (shared, normal) -pEpi43_FU1 (shared, PU2: NME1) -pEpi45_FU1 (shared, FU2: NME1) -pEpi45_FU1 (shared, FU2) -pEpi46_FU1 (unique) -pEpi48_FU1 (shared, histone) -

B

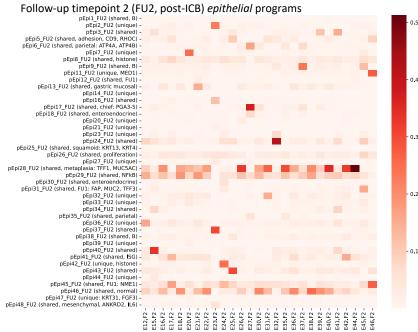


Figure S10. Mean usage of epithelial cNMF programs per sample at (A) baseline, (B) post-chemotherapy (FU1) and (C) post-immunotherapy (FU2).