Summarizing heatmap FDR-values: < 0.001 = ***, < 0.01 = **, < 0.1 = *ASV138 Lachnsspilaceae Nk14 136 9180 ASV138 Lachnsspilaceae Nk14 136 9180 ASV138 Lachnsspilaceae Nk14 136 9180 ASV163 Osqilospilaceae ASV163 Osqilospilaceae ASV163 Osqilospilaceae ASV79 Lachnospilaceae ASV188 Lachnospilaceae ASV114 Lachnospilaceae ASV114 Lachnospilaceae Nk14 100 Godon ASV88 Lachnospilaceae ASV114 Lachnospilaceae Nk14 100 Godon ASV18 [Eubacterium] X00 Godon ASV18 [Eubacterium] ASV131 [Eubacterium] coprostal Ds 0.5 Omics features 0.0 ASV477 Elostidia vadin ASV477 Elostidia vadin ASV5774 Elostidia ASV56 Lachnospiraceae NX4 -0.5 ASV50 Lachnosbiracears ASV547 Christensenellac ASV547 Christensenellac ASV460 [Clostic Lachnosbirac ASV460 [Clostic Lachnosbirac ASV460 [Clostic Lachnosbirac Confounding status confounded ASV239 Lachnospiraceae ASV3 Lachnospiraceae ASV3 1770 ASV3779 deconfounded ASV286 Lachnospirage ASV176 [Fulbacter ASV177 Fulbacter ASV596 Lachnospirage ASV301 AS ASV4 Lachnospirace ASV2 Lachnospirace ASV2 TNF_a. 10. TNFR1 NR2A Antibiotic Learning_index_Rmaze SCFA_AA SCFA_CA Treated_CCL SCFA_BA