

Heatmap visualization showing the relationship between 36 Primary samples (X-axis) and 39 cell types (Y-axis). The color scale ranges from -1 (blue) to 2 (red). The heatmap is annotated with a dendrogram on the left, a dendrogram on the top, and a color bar for Smoking-Detail (Never, Ex, Current) on the right. The cell types listed on the right include Neutrophil, CD4+ Th1, CD4+ central memory, CD8+ effector memory, NK cell, Endothelial cell, Monocyte, Mononuclear lymphoid progenitor, CD4+ Th2, CD8+ naive, Plasma M1, Macrophage M1, Macrophage M2, Treg, CD4+ central memory, Plasmacytoid dendritic cell, Conventional dendritic cell, Macrophage M2, Microenvironment score, Cancer associated fibroblast, Stromal score, Hematopoietic stem cell, CD4+ naive, Granulocyte-monocyte progenitor, CD4+ memory, CD4+ (non-regulatory), CD8+ effector memory, CD8+ switched memory B cell, and Immune score.