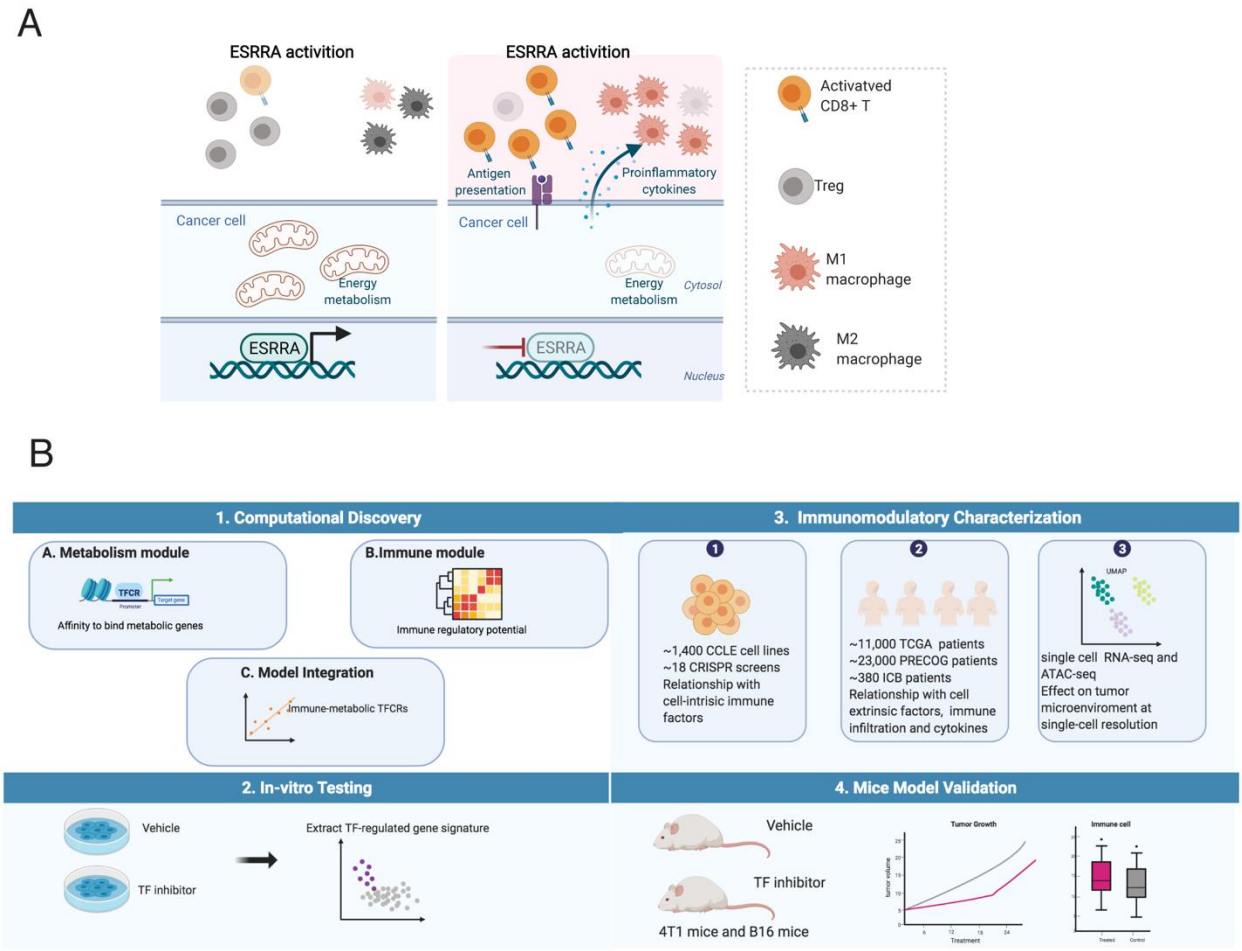

Fig. S17. Overall design.

(**A**) Effect of ESRRAi in tumor microenvironments. ESRRAi induces antigen presentation in cancer cells that in turn mobilizes $CD8^+$ T cells. ESRRAi also induces M1-polarizing cytokines in cancer cells, which polarizes macrophages toward M1. (**B**) Overall schematic of the target discovery and validation platform of the study involving: computationally discover immune-metabolic regulators (BipotentR), determine effects of targeting an immune-metabolic regulator, and test those effects *in vitro* and *in vivo*.