

Relying on the technology platform of the tumor microenvironment center, Alfa Oncology provides a full range of sequencing and analysis services of single-cell omics and spatial omics for TME research to help researchers successfully achieve their research goals.

Introduction

With the development of life science and technology, multi-omics studies based on single-cell resolution and spatial location are rapidly applied in the tumor microenvironment.

Alfa Oncology has established a well-established tumor microenvironment central technology platform with an experienced team of experts and mature technologies, aiming to provide our global customers with efficient and validated tumor models for tumor and microenvironment research and Anticancer drug discovery. Among them, the single-cell multi-omics platform combines spatial omics technology to study the tumor microenvironment from multiple levels, multiple perspectives, and multiple omics. It can simultaneously learn information such as intercellular connections, gene spatial changes, cell distribution and tissue distribution of key genes, and even spatio-temporal dynamic distribution changes, so as to more accurately study the heterogeneity of tumors and their microenvironment, and how the tumor microenvironment plays a role in tumors. relevant molecular mechanisms of action in the process and explore potential therapeutic targets.