Advanced Technology Genomics Core

10X Genomics Single Cell Service Request Form

Instructions: Fill out both pages of the service request form. Please submit information about your samples in the Sample Information table below. Please be sure to include an active account and authorized signature from your Financial Administrator or Designee and send an e-copy of the completed form to **dpollock@mdanderson.org**. For additional questions on filling out this form, please contact David Pollock at the above-mentioned email or via telephone 713-834-6199.

Contact Information

PI Name:	
User Name:	
User Email:	
Immediate Contact Phone#	
Department:	
Project Title:	

Sample Information

Sample Name	Cell and Tissue Type (cell line, tumor cells, tissue type, etc…)	# Cells to capture per sample suspension	Genome (Human, Mouse, Rat, etc..)	Volume (uL)	Cell Density (cells/uL)	Media Type
Additional information regarding project:						

Sequencing Application	
	Single Cell RNA: 3' RNA
	Single Cell RNA: 5' GE only
	Single Cell RNA: 5' GE+ TCR Enrichment
	Single Cell RNA: 5' GE+ BCR (Ig) Enrichment
	Single Cell RNA: 5' GE+ TCR + BCR Enrichment
	Single Cell ATACseq
	Single Cell Multiome (ATAC + 3' scRNA)

Sequencing Instrument	
	NextSeq500 High Output
	NextSeq500 Mid Output
	NovaSeq6000 SP
	NovaSeq6000 S1
	NovaSeq6000 S2
	NovaSeq6000 S4

Billing Information

Dept ID (6 digits)	Fund Group (2 digits)	Fund (6 digits)	Fund Type (2 digits)	*PCBU (5 letters)	*Project (6 digits)	*Activity (4 digits)	Account Expiration Date	Percent Distribution (%)

Billing Authorization (usually not PI signature)

Financial Administrator (or Designee) Authorized Signature:	
Financial Administrator (or Designee) Printed Name and Title:	

BioInformatics Analysis

Bioinformatician Name:	
Bioinformatician Email:	
Bioinformatician Phone:	
Project Description Design/Goal:	

Data Output

ATGC will provide sequencing data in bcl, fastq, QC metrics html and analysis file formats. 10X Genomics Sequencing software (specific to application- e.g. Cell Ranger) demultiplexes the samples and provides QC metrics output and raw data files. Raw data can be viewed using 10X Genomics desktop analysis software (specific to application-e.g. Loupe Cell Browser).   The software can be downloaded from 10X Genomics website and is freeware.   Please be sure to check computer requirements before downloading software.