

HOW DO SINGLE-CELL TECHNOLOGIES COMPARE?

Platform	10x Genomics						Parse Biosciences		
Protocols	3' GEM-X v4	5' GEM-X v3	3` or 5` OCM	Epi-ATAC	Epi-Multiome	Flexv2/Apex	Parse Mini	Parse WTK	Parse Mega
Targets	GEx	GEx	GEx	ATAC	ATAC & GEx	GEx	GEx	GEx	GEx
	GEx & CSP	GEx & CSP	GEx & CSP			GEx and cell surface protein (CSP)	GEx, TCR, BCR	GEx, TCR, BCR	GEx, TCR, BCR
		GEx and VDJ	GEx and VDJ				GEx, CRISPR, TCR, BCR	GEx, CRISPR, TCR, BCR	GEx, CRISPR, TCR, BCR
		GEx, CSP, VDJ	GEx, CSP, VDJ				GEx, CRISPR	GEx, CRISPR	GEx, CRISPR
							GEX, Immune Capture	GEX, Immune Capture	GEX, Immune Capture
	Sample multiplexing	Yes	Yes	Required	Not supported	Not supported	Yes	Required	Required
Max samples/run	8	8	8	8	8	384	12	48	96
Max cells/sample	20k	20k	5K	10k	10k	25k	833	2,083	10,417
Max cells/lane (10x) Max cells/plate (Parse)	60k	60k	20K	10k	10k	1M	10k	100k	1 million
Capture rate	65-70%	65%-70%	65-70%	60-65%	60-65%	70-80%	20-25%		
Input sample type	Cells or nuclei		Cells or Nuclei	Nuclei		Fixed* or FFPE cells or nuclei	Fixed* cells or nuclei		
QC requirement	Viability/DAPI >80%					Viability >80%; DV 200 >50%	Viability/DAPI >80%		