

Application Availability (as of DRAGEN v3.10, February 2022)



BaseSpace®
SEQUENCE HUB

illumina
connected
analytics



	On-premise Server	NextSeq 1000/2000	BaseSpace	ICA		Multi-Cloud
				Pre-configured	Build your own	
BCL Convert	✓	✓	✓		✓	Not recommended on FPGA
DRAGEN ORA Compression	✓	✓			✓	✓
DRAGEN FASTQC + MultiQC	✓	✓	✓	✓	✓	✓
Whole Genome	Germline + Somatic	Germline	Germline + Somatic	Germline + Somatic	Germline + Somatic	Germline + Somatic
Enrichment (including Exome)	Germline + Somatic	Germline + Somatic (no CNV)	Germline + Somatic	Germline + Somatic	Germline + Somatic	Germline + Somatic
DNA Amplicon	✓	✓	✓	✓	✓	✓
RNA	✓	✓	✓	✓	✓	✓
Single Cell RNA	✓	✓	✓	✓	✓	✓
Differential Expression		✓	✓			
NanoString GeoMx NGS		✓	✓			
RNA Amplicon	✓		✓	Coming soon	✓	✓
Methylation	✓		✓	✓	✓	✓
Metagenomics			✓			
RNA Pathogen Detection			✓			
COVID	COVIDSeq, COVID Lineage	Cloud only COVIDSeq	COVIDSeq, COVID Lineage	COVID Lineage coming soon	COVIDSeq, COVID Lineage	
TSO 500	ctDNA available, Solid Coming Soon			ctDNA & Solid Coming Soon		