

# Key DRAGEN Applications



	On-premise server	On-board		On-cloud	
		NovaSeq X Series	NextSeq 1000/2000	BaseSpace Sequence Hub	Illumina Connected Analytics
BCL Convert	✓	✓	✓	✓	✓
DRAGEN ORA Compression	✓	✓	✓		✓ Custom only
DRAGEN FASTQC + MultiQC	✓	✓	✓	✓	✓
Whole Genome	✓	Germline only	Germline only	✓	✓
Enrichment (including Exome)	Germline + Somatic	Germline + Somatic	Germline + Somatic	Germline + Somatic	Germline + Somatic
DNA Amplicon	✓		✓	✓	✓
RNA	✓	✓	✓	✓	✓
Single Cell RNA	✓		✓	✓	✓
Differential Expression		✓	✓	✓	
NanoString GeoMx NGS				✓	
RNA Amplicon	✓			✓	Coming soon
Methylation	✓	Coming H2 2023		✓	✓
Metagenomics				✓	
RNA Pathogen Detection				✓	
COVID	COVIDSeq, COVID Lineage			COVIDSeq, COVID Lineage	
TSO 500	ctDNA available Solid Coming Soon			Enabled in 3.10	✓
Imputation	✓			✓	✓
ScATAC-Seq	✓			✓	✓
PGx Star Allele Caller	✓			✓	✓
Illumina Complete Long Reads				✓	