

Table 1: all sequencing platforms and applications available

Application	Compatibility	NextSeq	MiSeq
Whole exome sequencing	FF, FFPE	●	
Targeted DNA sequencing ¹	FF, FFPE cfDNA	●	●
RNA sequencing (gene expression and transcriptome)	FF, FFPE	●	
miRNA sequencing	FF, FFPE	●	
Targeted RNA sequencing ¹	FF, FFPE	●	●
ChIP-seq, ATAC-seq	FF	●	
Sequencing library QC			●
16S rRNA sequencing		●	●
Metagenomics		●	
Small whole genome sequencing		●	●

● Recommended for the application

○ Available for the application

¹ catalog and custom gene panels