

## NovaSeq 6000 Sequencing

Fast, Reliable and High-Quality Next Generation Sequencing



### Service Highlights

#### Fast, Professional Service

- Sequencing data delivered within 1-2 weeks of sample submission
- Express Service available for all runs (3-5 business days)
- Data delivered via secure AWS

#### Stringent Quality Controls

- All samples are validated by qPCR

#### Low Input Requirements

- Standard 2 to 10nM
- For lower inputs contact your SeqMatic representative

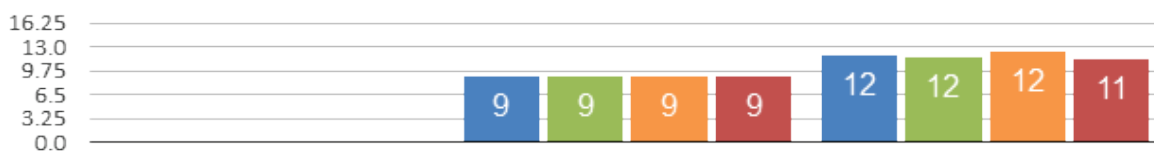
#### Customized Sequencing Runs

- Sequencing with custom primers, variable read lengths, low diversity libraries and more
- SP 500 (PE2x250bp) available to support longer read requirements



## NovaSeq Reads Comparison

Illumina Spec. # of reads expected vs SeqMatic # of reads generated (billions) (NovaSeq S4 Flow Cell)



Library Type	Illumina Specifications for Novaseq S4 Flow cell run (average) in billions of reads	SeqMatic Novaseq S4 Flow cell run (average) in billions of reads
10X Single Cell ATAC-Seq	9	11.9
10X Single Cell Gene Expression	9	11.5
Bulk Transcriptome	9	12.4
Whole Genome	9	11.4