



## MiSeq Sequencing

Fast, Reliable and High-Quality Next Generation Sequencing

### Key Benefits of a MiSeq Platform

#### Longer Reads

- MiSeq offers PE2x300bp and PE2x250bp

#### Performance With Low Diversity Libraries

- Four color chemistry and non-pattern flow cells for low diversity and short sequences.

#### Cost Effective Processing

- Low throughput nano and micro flow cells available.



### Service Highlights

#### Fast, Hassle-free Service

- Obtain sequencing data within 1-2 weeks of sample submission.
- Data delivered via AWS, Google or FTP. Inquire about others.

#### Stringent Quality Controls

- All samples are validated via qPCR

#### Input Requirements

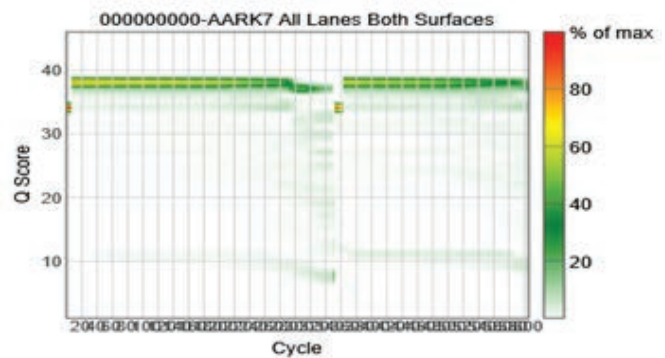
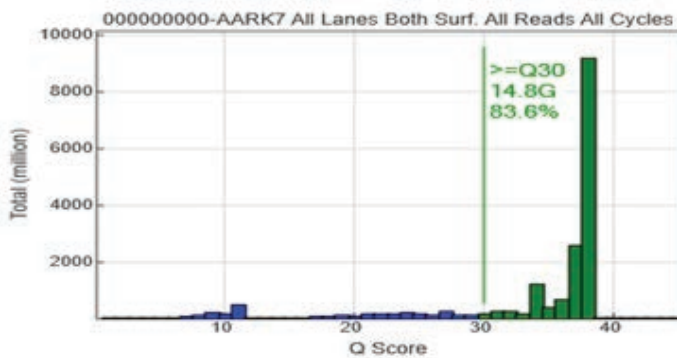
- Standard 2 to 10nM
- For lower inputs contact your SeqMatic representative

#### Customized Sequencing Runs

- Set up runs with custom primers, variable read lengths, low diversity sequences, and more.

## MiSeq Sequencing Example

Level	Yield Total (G)	Projected Total Yield (G)	Yield Perfect (G)	Yield <= 3 errors (G)	Aligned (%)	% Perfect [Num Cycles]	% <= 3 errors [Num Cycles]	Error Rate (%)	Intensity Cycle 1	% Intensity Cycle 20	% >= Q30
Total	15	15	0.1	0.1	0.9	63	93.4	1.18	240	90.6	83.8



Illumina MiSeq v3 2x300bp sequencing run generated by SeqMatic



**Request a Quote**

sales@SeqMatic.com

1.510.870.0965