

Illumina NextSeq 500 Next Generation Sequencer
Specifications

Item				
Data Quality	<ul style="list-style-type: none"> • > 80% bases higher than Q30 at 2x75 bp • > 75% bases higher than Q30 at 2x150 bp 			
High Throughput Sequencing Kits Available		Read Length (bp)	Output (Gb)	Run Time (hours)
	High Output Kit	2 x 150	100 - 120	30
	<ul style="list-style-type: none"> • Up to 400M reads for single reads 	2 x 75	50 - 60	18
	<ul style="list-style-type: none"> • Up to 800M reads for pair-ended reads 	1 x 75	25 - 30	12
	Mid Output Kit	2 x 150	32.5 - 39	26
<ul style="list-style-type: none"> • Up to 130M reads for single reads • Up to 260M reads for pair-ended reads 	2 x 75	16.25 - 19.5	15	