

# Sequencing platforms for your every research need



MiSeq



NextSeq500



\*HiSeq 2500



\*PacBio RSII



\*GS FLX

	MiSeq	NextSeq500	HiSeq 2500
Chemistry	Reversible Terminator		
Read Length	2X300 bp	2X150 bp	2X150 bp
Run Time	5-65 hours	Up to 30 hours	Upto 6 days
Gb/Run	0.3-15 Gb	30-120 Gb	50-1000 Gb
Million Reads	~25 million	~400 million	~2 billion
Advantage	High Throughput/Cost		
Disadvantage	Long Run time		

	PacBio RSII	Roche 454 GSFLX+
Chemistry	Real Time Sequencing	PyroSequencing
Read Length	3000 bp (some may go upto 15,000 bp)	700 bp
Run Time	30 minutes	23 hours
Gb/Run	3	~1 Gb
Advantage	Longest Read Length	Long Read Length
Disadvantage	High Error Rate	High error rate in homopolymer

\*O/S Swiss Facility