

Appendix 3. Summary of metrics of NGS screening runs and per sample statistics.

Instrument	Multiplexed samples	Read Length	Number of reads	Average per sample reads	Average % mapping	Average per sample coverage
Illumina GA II 1 lane	14	77	1,304,633	1,008,000	0.77	2,383
Hiseq 2000 1 lane	48	51	143,417,293	2,987,860	0.85	1,876
Hiseq 2000 1 lane	47	101	148,691,083	3,163,640	0.84	3,826
Miseq Full run	91	200–250 (paired)	31,690,692	348,249	0.90	962
Total samples	200					