

**Supplementary Table S2.** Nonpareil error correction for  $k$ -mer kernel.

Error Rate	Coverage (%)		Req. effort (Gbp)	
	On <sup>1</sup>	Off <sup>2</sup>	On <sup>1</sup>	Off <sup>2</sup>
<b>0.0%</b>	<b>51</b>	<b>51</b>	<b>1.06</b>	<b>1.06</b>
0.1%	51	49	1.06	1.18
1.0%	50	40	1.07	2.06
2.0%	50	32	1.07	3.82
<b>0.0%</b>	<b>99</b>	<b>99</b>	<b>0.43</b>	<b>0.43</b>
0.1%	98	96	0.43	0.50
1.0%	99	79	0.43	2.05
2.0%	99	64	0.42	10.3

<sup>1</sup> Nonpareil with  $k$ -mer kernel and error correction.

<sup>2</sup> Nonpareil with  $k$ -mer kernel and without error correction.