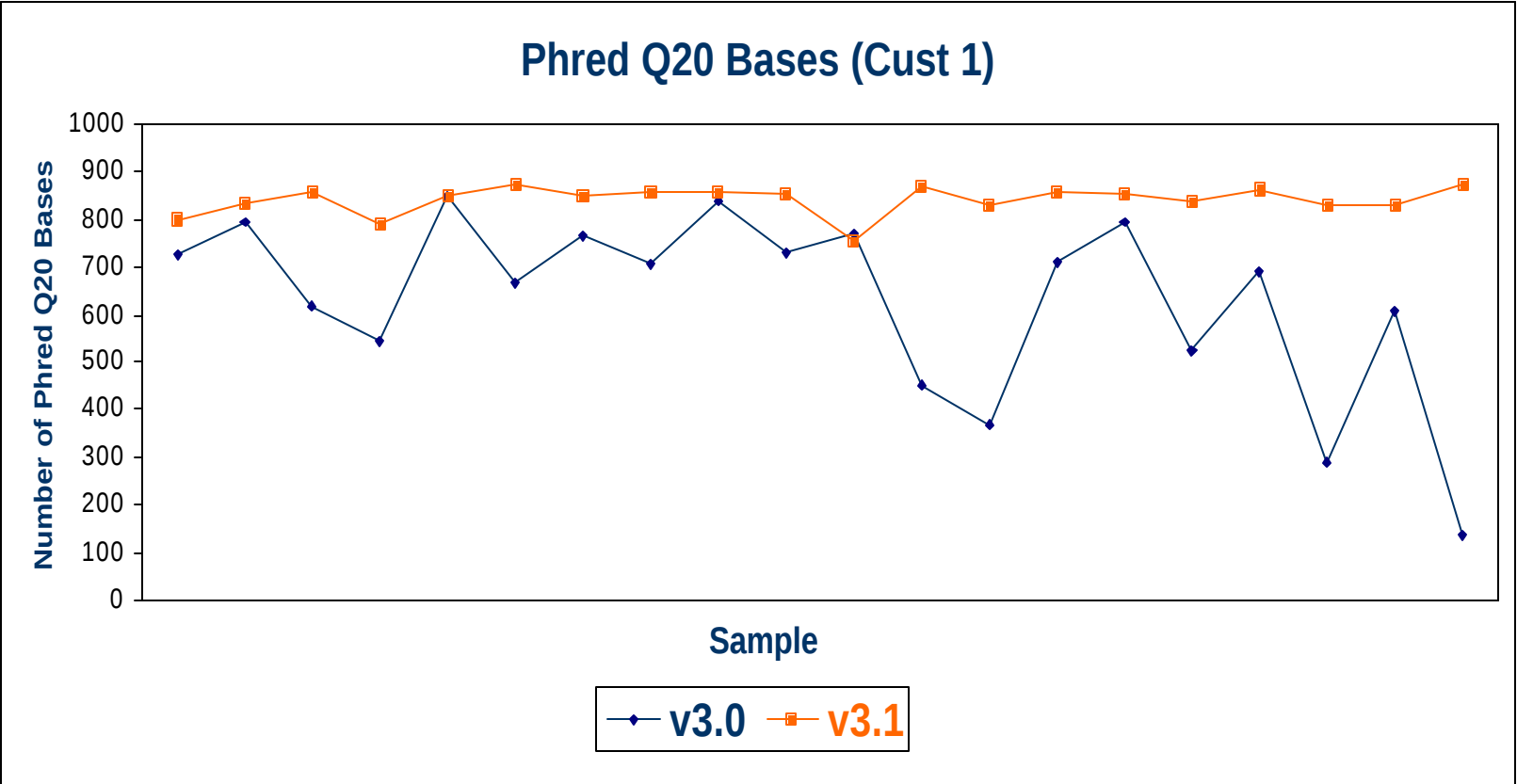


Customer 1: data shows greater number of Phred Q₂₀ bases with v3.1 chemistry



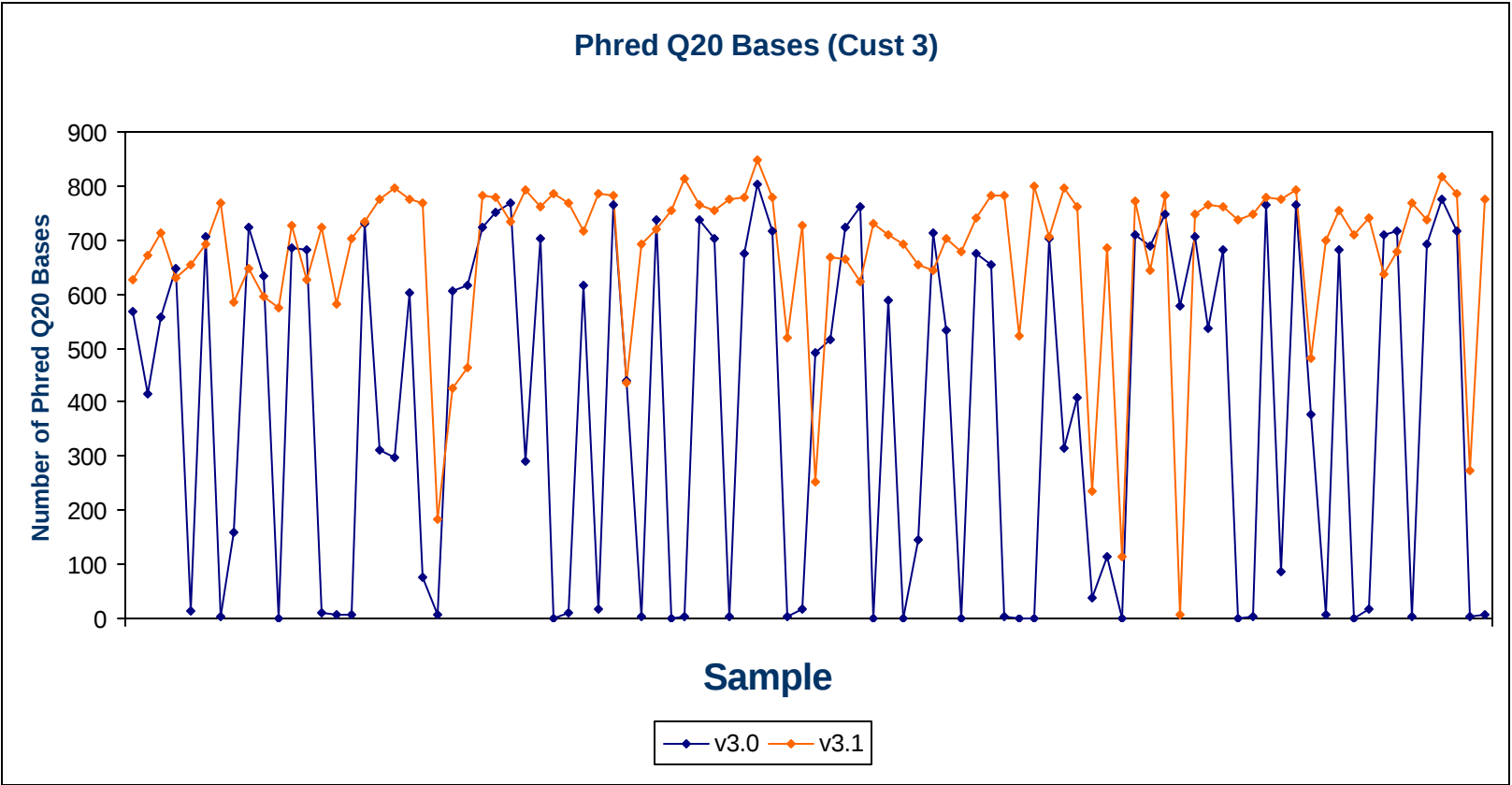
Data courtesy of Dr. Kevin McKernan, Agencourt

1

Chemistry	Average Q20
v3.0	629
v3.1	840



Customer 3: Data Shows Greater Number of Phred Q₂₀ Bases with v3.1 Chemistry

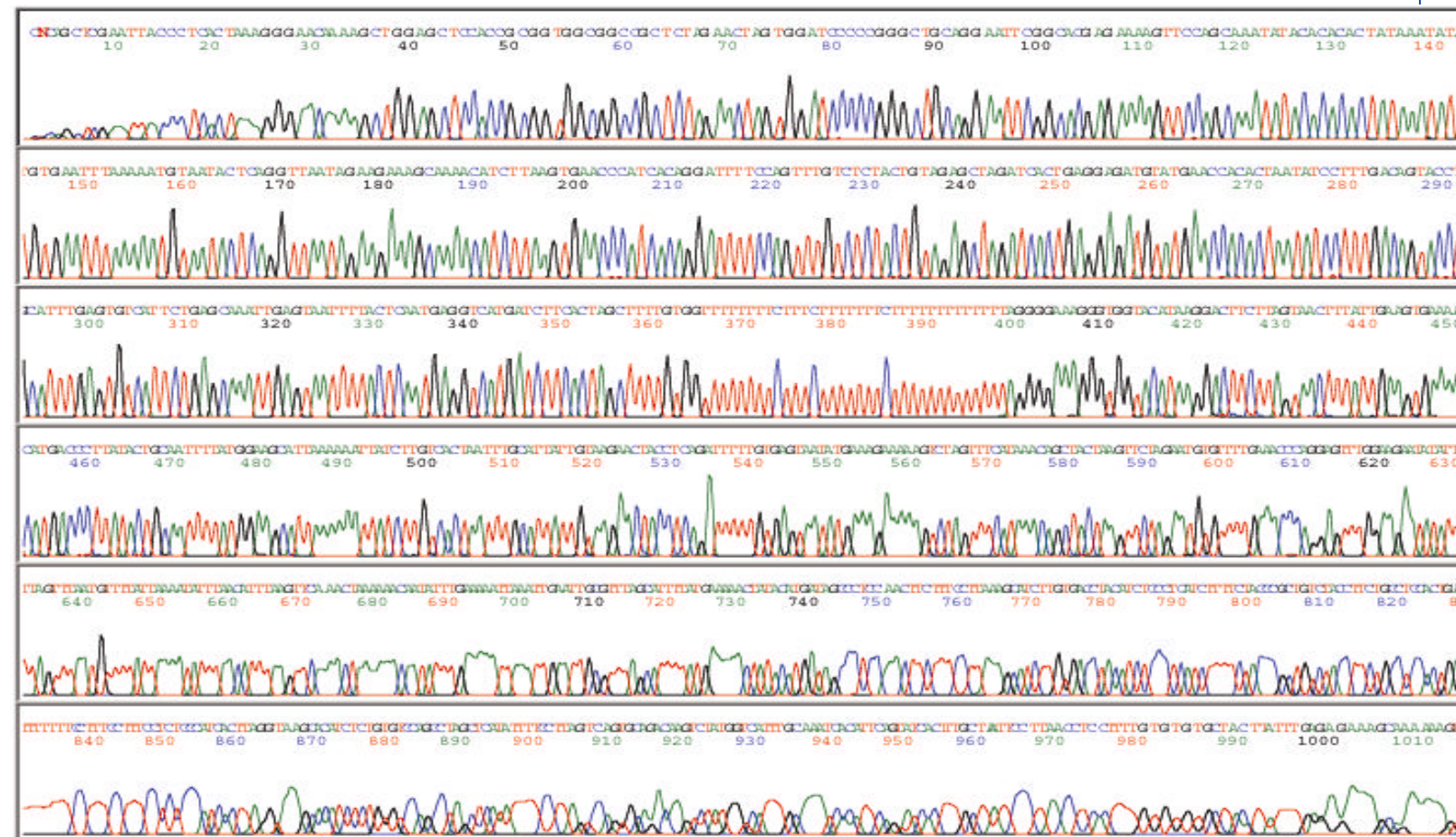


Data Courtesy of Dr. Donna Muzny,
Baylor College of Medicine

Chemistry	Average Q20
v3.0	393
v3.1	677



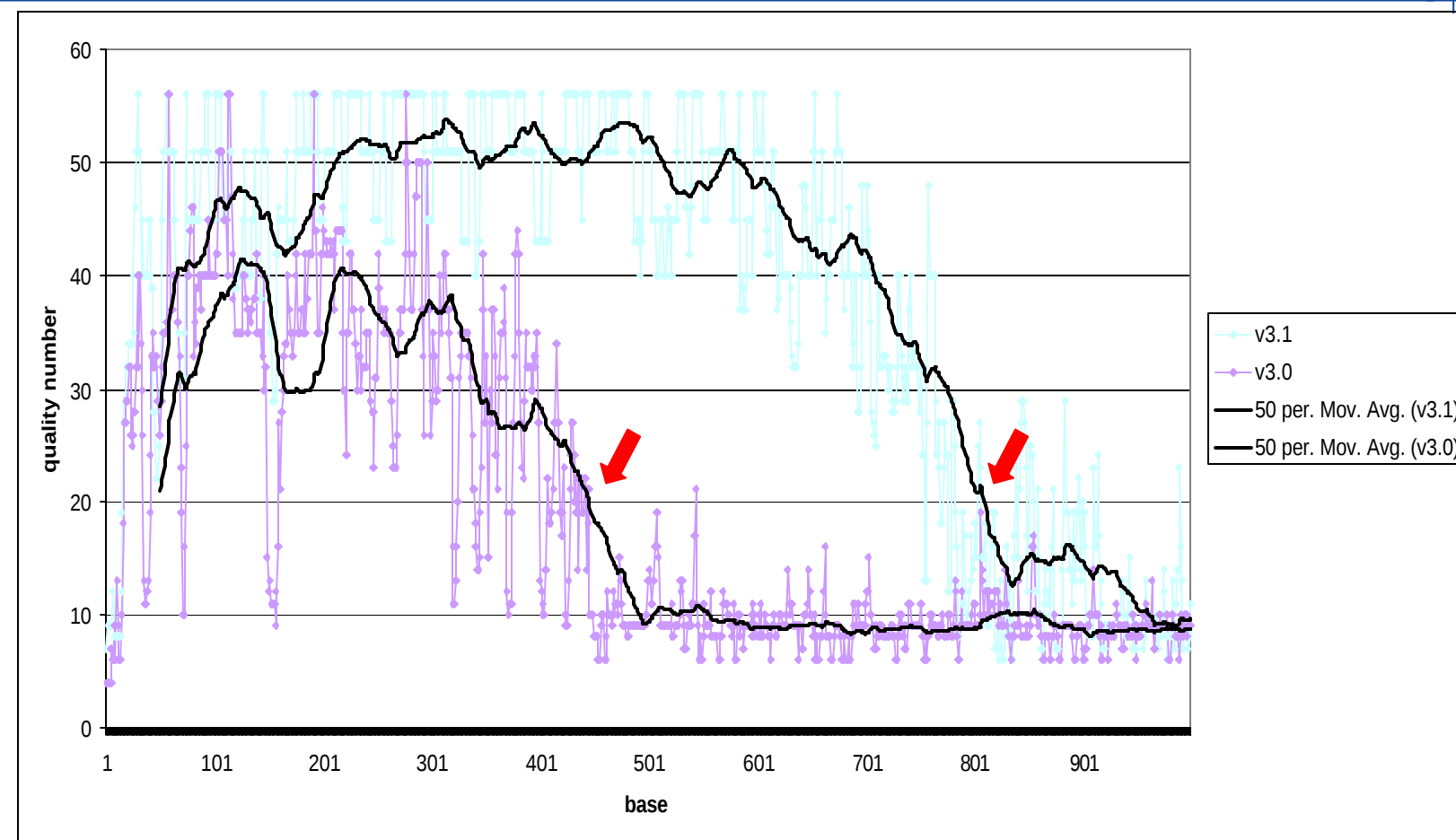
Long read with BigDye® Terminator v3.1
kit: run on the 3100 Genetic Analyzer, 80
cm array, and POP-4™ polymer



A 3x3 grid with a blue '1' in the top-left cell.

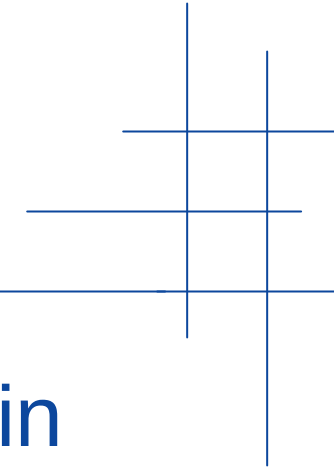


Customer example of increased Q values leading to more Q₂₀ bases



Data Courtesy of The Whitehead Institute/MIT Center for Genome Research

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