

454 "Revolution"



GS20 (2005)

100 bp x 200.000 Reads = 20 Mbp



GS FLX (2007)

200 bp x 400.000 Reads = 100 Mbp



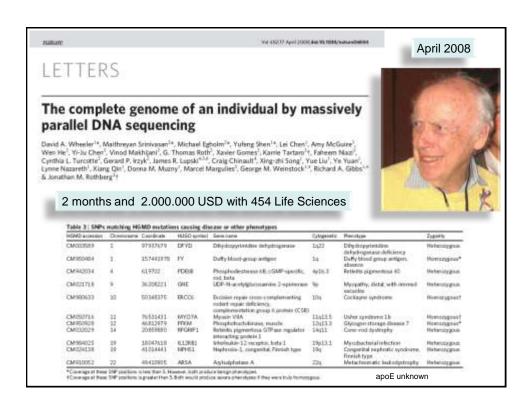
GS FLX Titanium (2008)

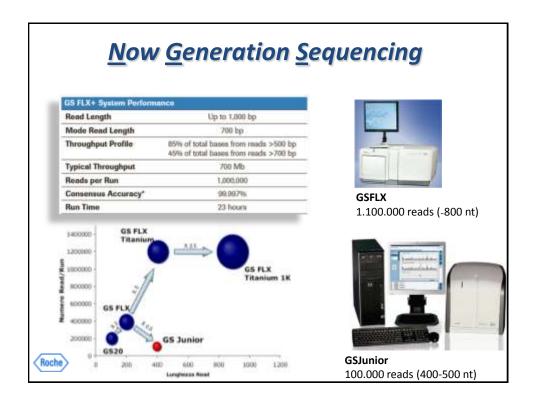
400 bp x 1 M. Reads = 500 Mbp

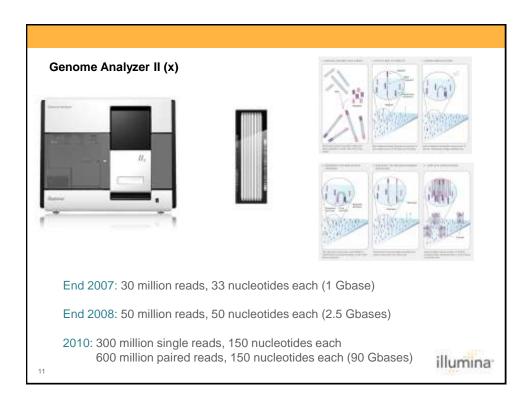
>00405 2045 2005

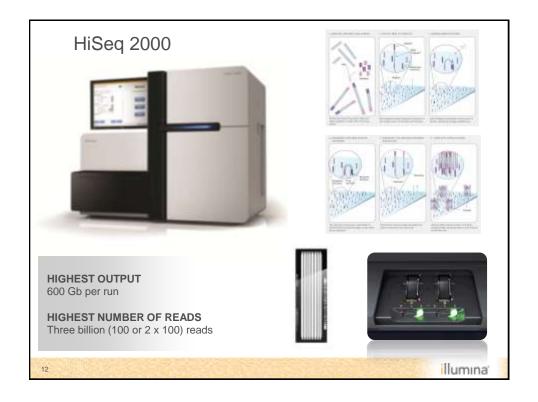
>00343 3489 2007

>01384 3992 2008



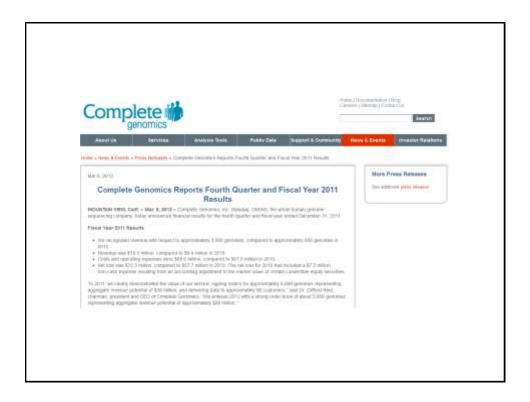












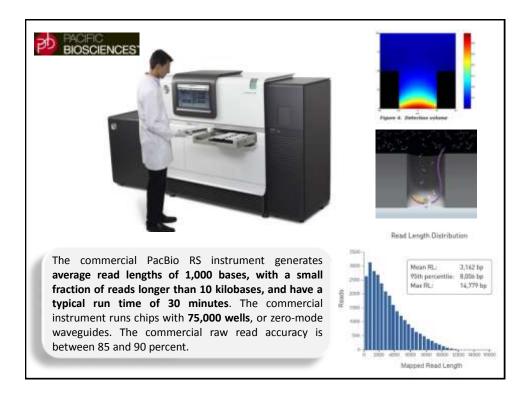




About BGI

BGI was founded in 1999 as the Beijing Genomics Institute. It now has several branches and subsidiaries including:
BGI-Shenzhen, a nonprofit research institute;
BGI-Hong Kong, a private institute that manages international collaborations and transfers profits to BGI; and BGI-Americas, located in Boston, which just celebrated its one-year anniversary and announced new joint projects with the Broad Institute and the United Kingdom. BGI has about 4,000 employees and the capacity to sequence the equivalent of 1,600 complete human genomes each day.

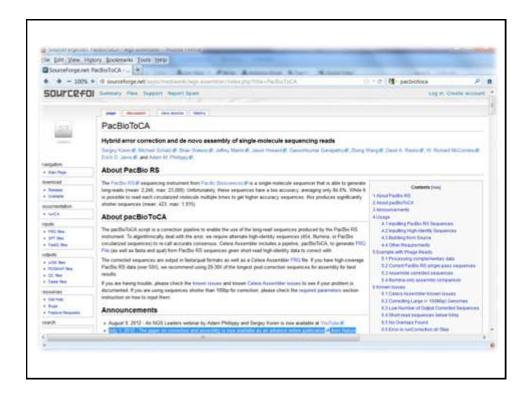




September 27, 2011

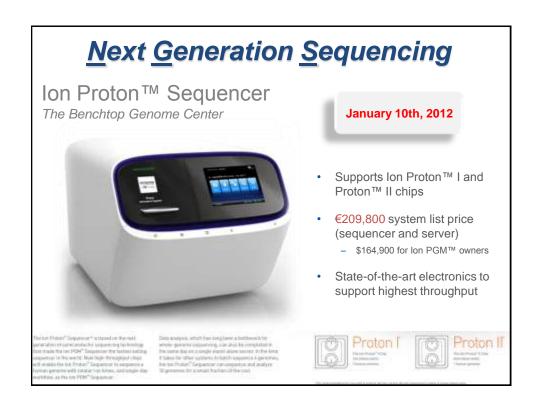
With the C2 chemistry, the Expression Analysis team achieved average read lengths of 2,715 base pairs, with a mean maximum read length of 13,091 base pairs. "Our personal best is just over 14,000 bases," Hurban said.

Despite the potential of PacBio's platform to produce very long reads, which would enable better assemblies, adoption of the instrument since its launch in the second quarter of this year has been slower than expected. As a result, PacBio last week announced that it would have to lay off around 130 employees

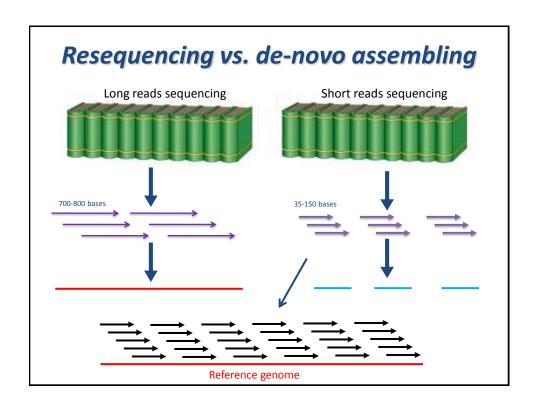












Resequencing is good only if the reference genome is good

Next Next (Next) Generation Sequencing Technologies for haplotyping and de-novo assembling

Biological nanopores











