

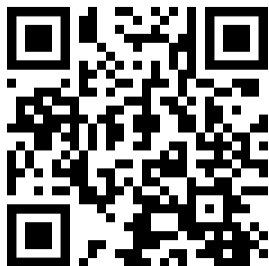


# Whole human genome

The authors sequenced and assembled a reference genome from a human cell line using a MinION. They generated 91.2 Gb of sequence data, representing a ~30x theoretical coverage. They used 39 flow cells to achieve this, at an estimated cost of > \$20000. This is the first time a whole human genome was sequenced using long-read sequencing technology.

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Suitable	No: Too expensive
Organism	<i>Homo sapiens sapiens</i>
Substrate	DNA
Full Genome	Yes
Genome size	~ 3 Gb
Reference available	Yes



Header image by Leonardo da Vinci (Life time: 1519) -  
Original publication: Published in Italy under Pope Leo X  
by Leo da Vinci in a series of 750 anatomical drawings  
Immediate source: [http://www.theepochtimes.com/n2/  
arts-entertainment/on-harmony-and-virtue-wise-mens-  
sayings-about-balance-14310.html](http://www.theepochtimes.com/n2/arts-entertainment/on-harmony-and-virtue-wise-mens-sayings-about-balance-14310.html)

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