

## Suggested Reading

### 5.1 Genomes and Transcriptomes

Goodwin, S., J. D. McPherson, and W. R. McCombie. 2016. Coming of age: ten years of next-generation sequencing technologies. *Nat. Rev. Genet.* 17: 333–351.

The ENCODE Project Consortium. 2012. An integrated encyclopedia of DNA elements in the human genome. *Nature* 489: 57–74.

### 5.2 Proteomics

Luck, K., G. M. Sheynkman, I. Zhang, and M. Vidal. 2017. *Trends Biochem. Sci.* 42: 342–354.

Walther, T. C., and M. Mann. 2010. Mass spectrometry-based proteomics in cell biology. *J. Cell Biol.* 190: 491–500.

### 5.3 Systems Biology

Nurse, P., and J. Hayles. 2011. The cell in an era of systems biology. *Cell* 144: 850–854.

Shalem, O., N. E. Sanjana, and F. Zhang. 2015. High-throughput functional genomics using CRISPR-Cas9. *Nat. Rev. Genet.* 16: 299–311.