



CERTIFICATE
Issued June 6th, 2013

This is to certify that

Ryan MacDonald

successfully completed the inaugural offering of

7.00x: Introduction to Biology - The Secret of Life

a course of study offered by **MITx**, an online learning
initiative of **The Massachusetts Institute of Technology** through **edX**.

A handwritten signature in black ink, appearing to read "Eric S. Lander", written over a horizontal line.

Eric S. Lander

Professor of Biology
Massachusetts Institute of Technology

Professor of Systems Biology
Harvard Medical School

HONOR CODE CERTIFICATE

*Authenticity of this certificate can be verified at <https://verify.edx.org/cert/9c7ddefadb64140805590f63aa3a017>