

Updated Mendelian Pigs Tutorial Lab (11/2023)

The structure and learning goals of the lab have not changed, but students will have a deeper and more engaging learning experience as they work through the lab.

KEY CHANGES TO MENDELIAN PIGS INCLUDE:

- Many new formative assessments with feedback for students to help keep them on track.
- Students now create Punnett squares with interactive drag-and-drop exercises (also with feedback).
- New narrated animations that explore the molecular mechanism of the MC1R genetic system.
- Addition of a new interactive exercise to help students learn how to construct and use population-level Punnett squares.
- Streamlined task sequences, so that students spend more time predicting, exploring, and explaining the outcomes of crosses and less time with awkward busy-work.
- User interface and graphic design adjustments to increase engagement and improve accessibility.