

Activity 1B - Naming of Restriction Enzymes

Part 1: Restriction enzyme matching game: This activity is meant for students to understand the naming of enzymes. Students will match the restriction enzyme with the organisms (genus and species) that it was isolated from using an assignment made through educaplay. Students will have 2 tries on this matching game.

https://www.educaplay.com/learning-resources/9969603-enzyme_matching.html

Part 2: Enzyme cut sites. Below is a list of the most common restriction enzymes used for Bacteriophage in the SEA-PHAGES project. Find the cut sites for all of the following enzymes.

- 1) HaeIII
- 2) HindIII
- 3) NspI
- 4) SacII
- 5) Sall
- 6) ClaI
- 7) EcoRI