**Bottleneck Event**

*Go to the Genetic Drift-Bottleneck Event Simulation at* [*www.biologysimulations.com*](http://www.biologysimulations.com)

1. Run through the simulation once. Describe what happened.
2. In the simulation, only 4 organisms survive the drought. What combinations of colors will result in a final population that doesn’t change (the blue and red alleles are still the same)?
3. Run the simulation four times and record the **post-drought frequencies** in the table.



1. Compare your results to other students. In small groups, discuss the results. List the main points of the discussion.
2. Describe how endangered species are impacted by the bottleneck event. Research a specific example of genetic diversity in endangered species.