In an exotic species of mouse, a recessive mutation, $g$, causes green fur and a second mutation, $r$, causes red fur. These genes are linked. You find a most unusual individual animal that has brown fur everywhere (i.e. wild type), except for a large green patch next to a large red patch.

A. Name a process that might produce such an unusual individual.

   **Mitotic recombination**

B. Diagram the process, showing relevant chromosomes and genes.

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