

Scientists carried out nucleic acid hybridizations using DNA from giant pandas, red pandas, and brown bears. It took less heat to break apart the giant panda/red panda hybrid DNA than the giant panda/brown bear hybrid DNA. Based on this evidence, which is most closely related to the giant panda?

- A red panda
- B brown bear

The more closely related two species are, the more heat it will take to break apart their hybridized DNA.

Answer **B**.