

# HOW CLOSELY RELATED ARE WE

**Directions:** Match the following list of organisms with the percentage of DNA shared with humans. Draw a line between the left and right column to match the following list of organisms with the percentage of DNA shared with humans. Why, for example, do you think we are more closely related to a plant than bacteria? Are you surprised at how much DNA we have in common with chimps and zebra fish?

|               |     |
|---------------|-----|
| Fruit fly     | 15% |
| Chimpanzee    | 21% |
| Zebrafish     | 7%  |
| Bacteria      | 85% |
| Mustard grass | 36% |
| Round worm    | 98% |

Source of Statistics: "Genes in Common," The Tech Museum at Stanford University, Accessed 15 May 2013

<http://genetics.thetech.org/online-exhibits/genes-common>

