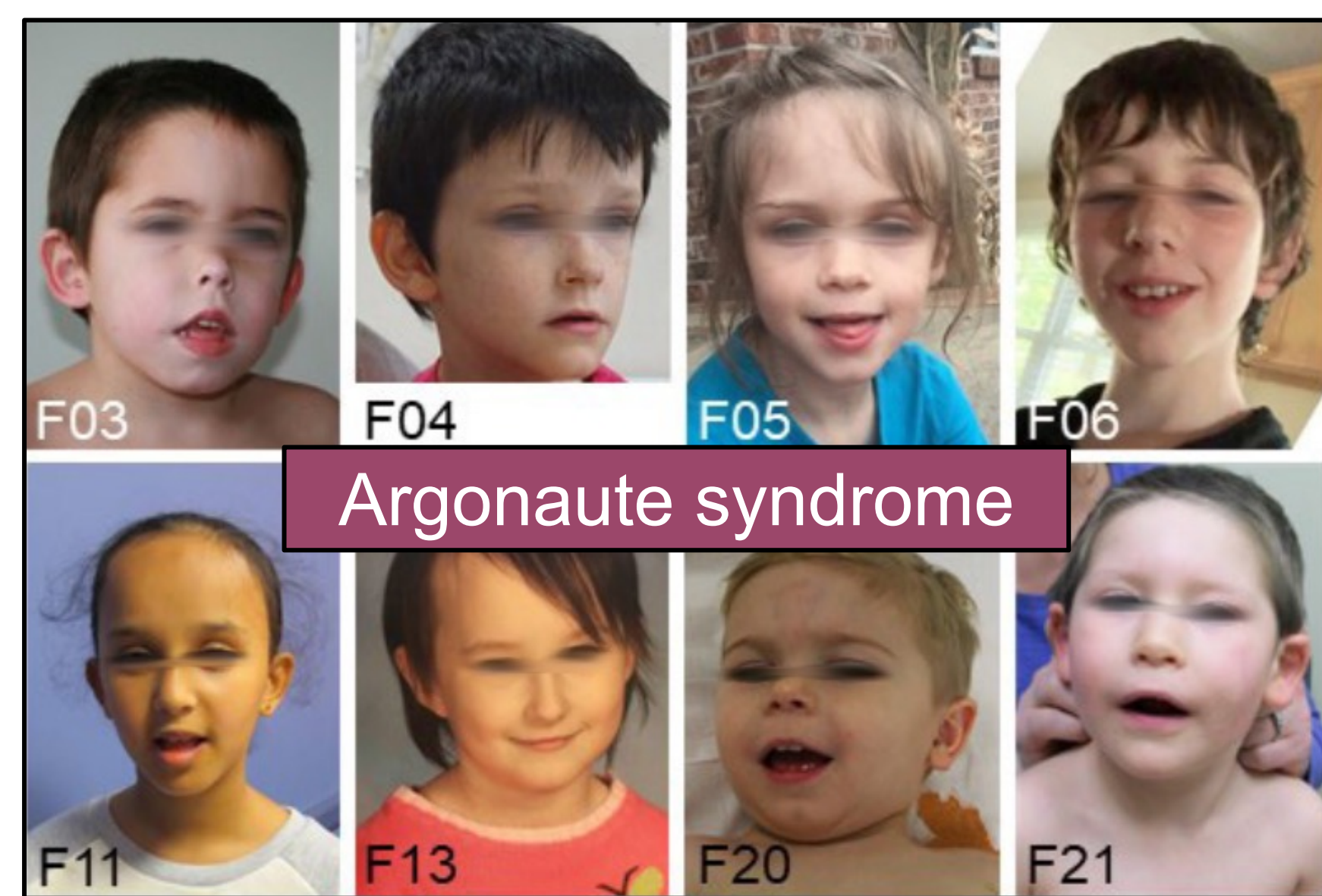
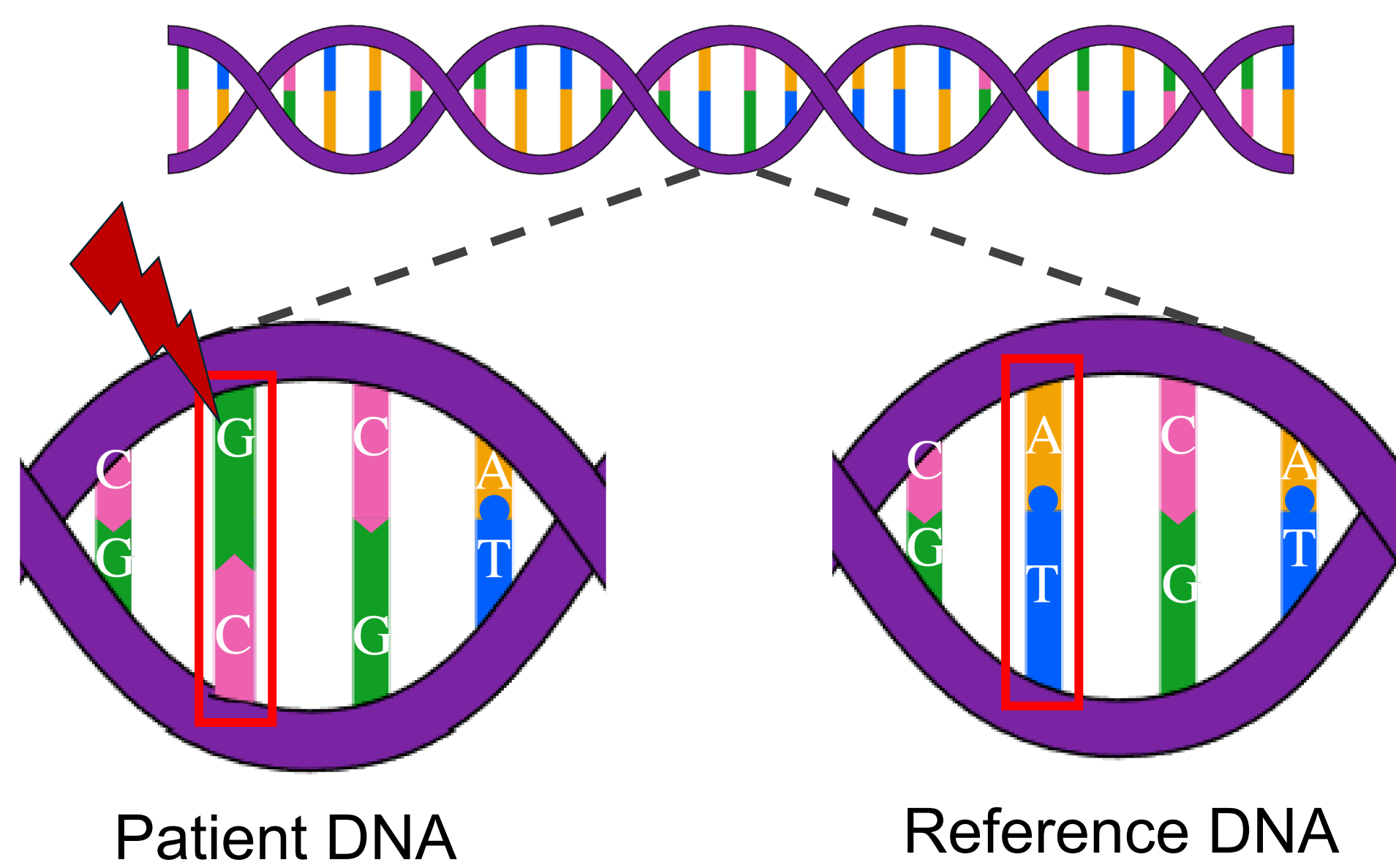
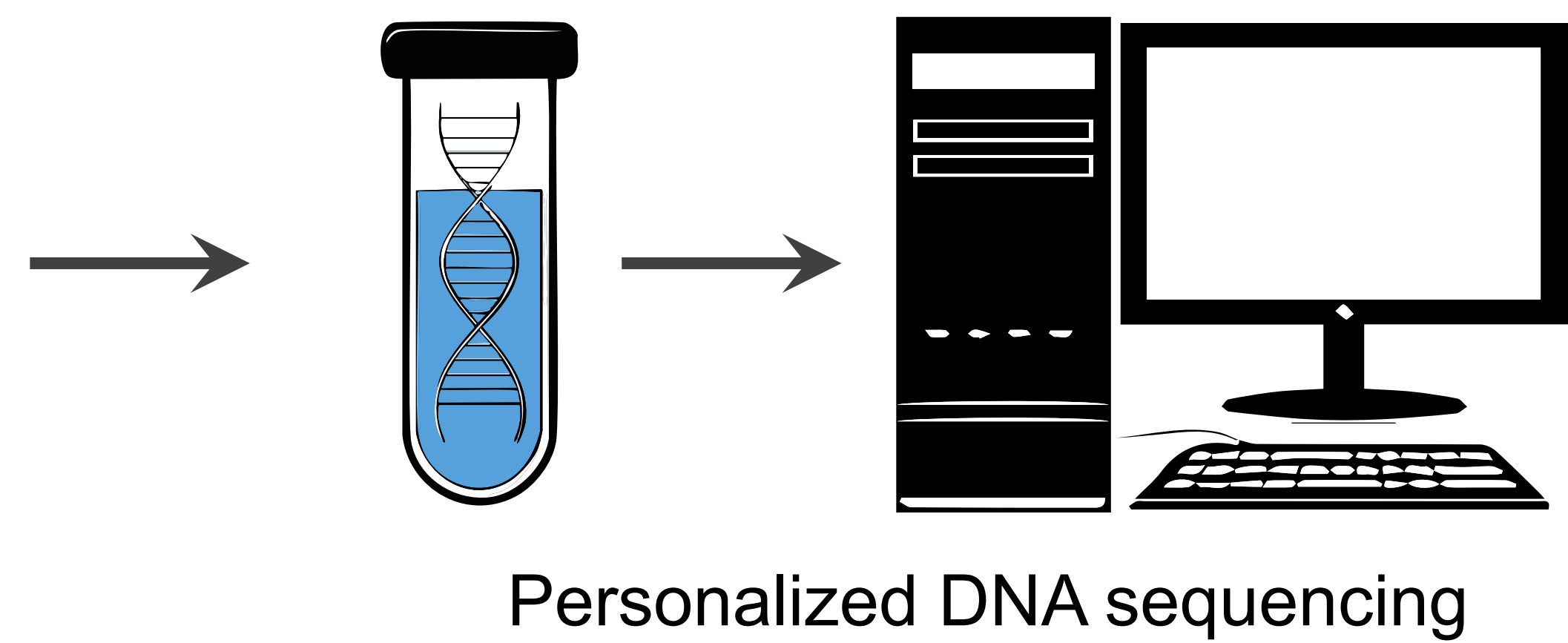




Rare Mutations Cause a Neural Disorder in Children

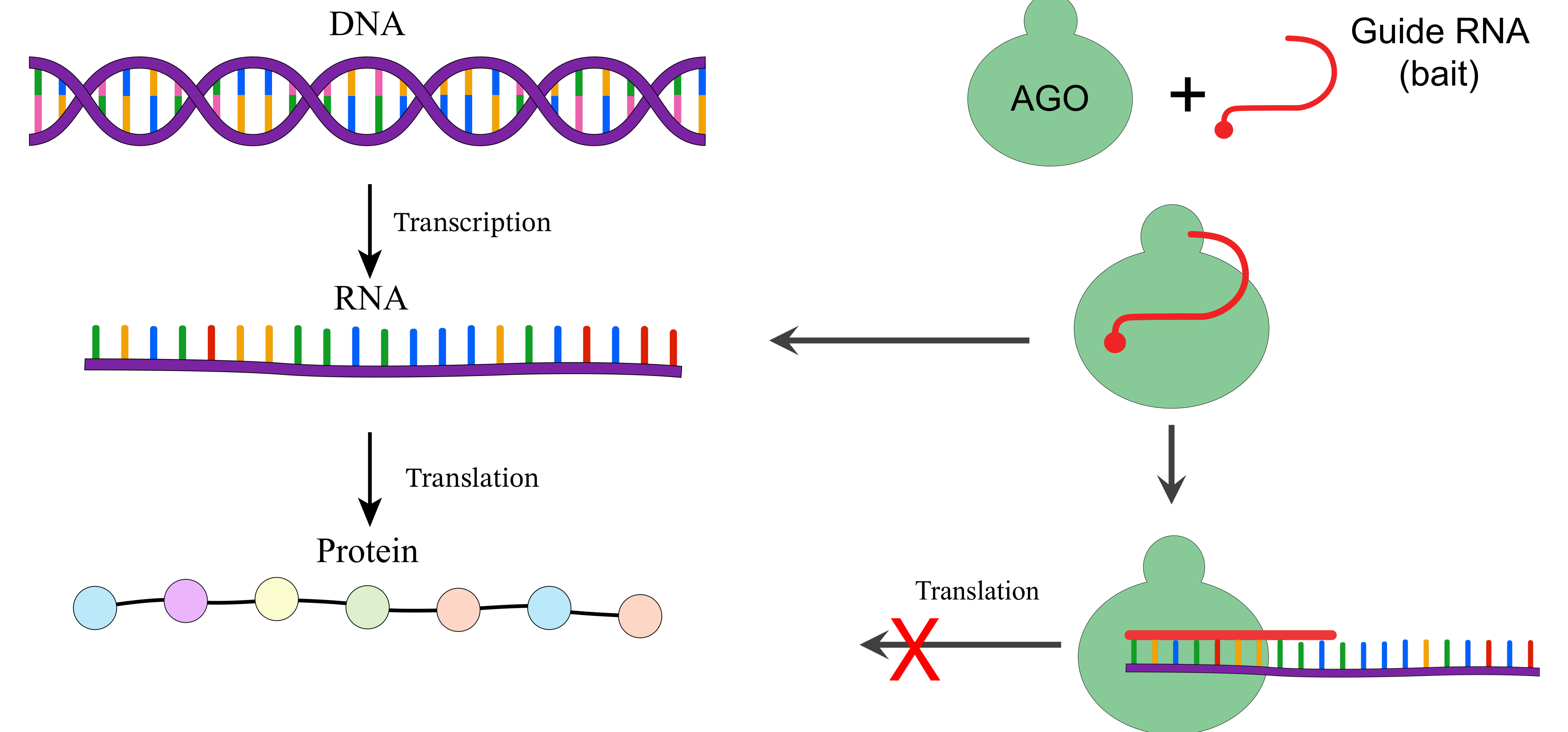


Adapted from Schalk et al. 2020, *J. Med. Genet.*



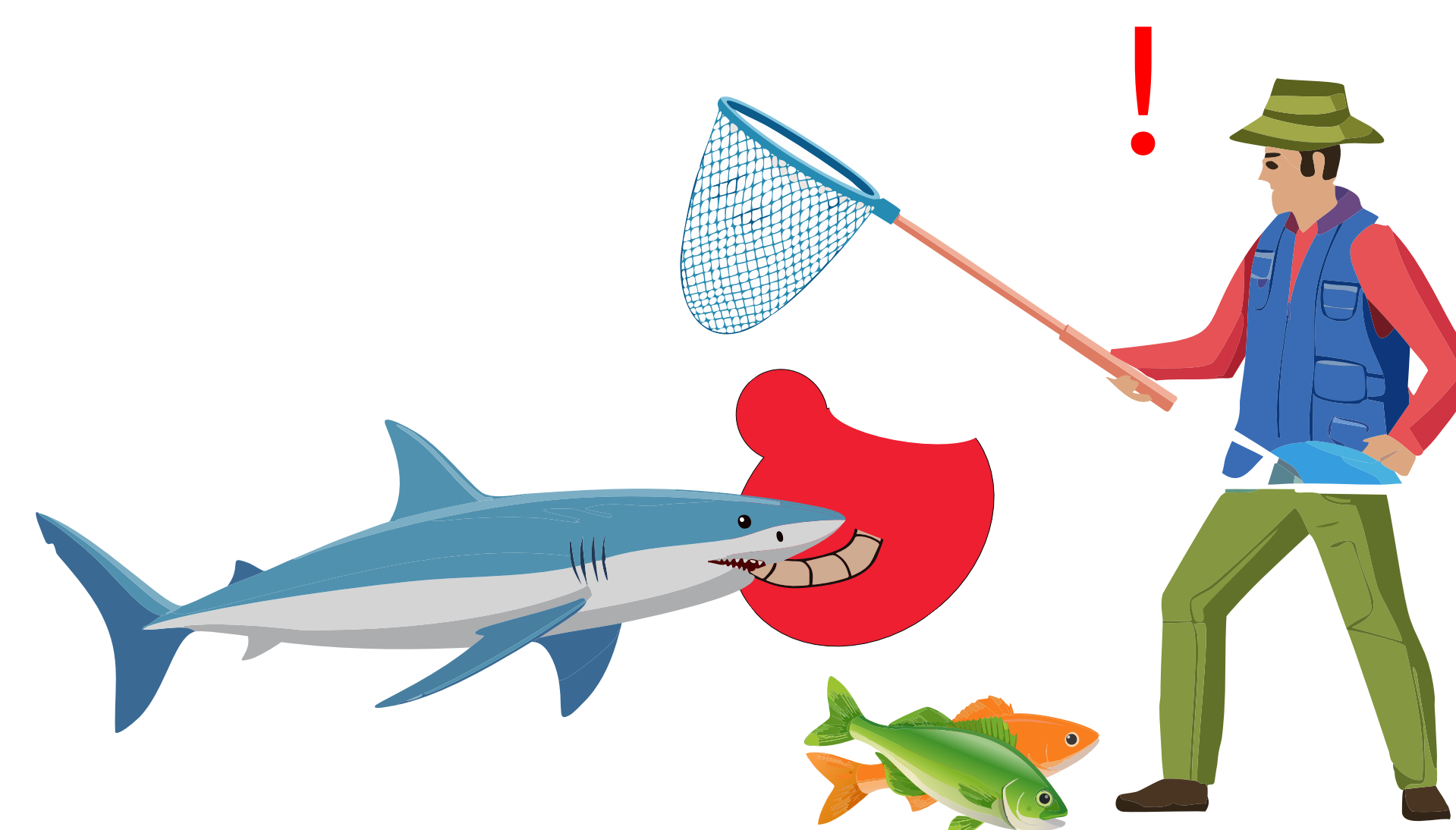
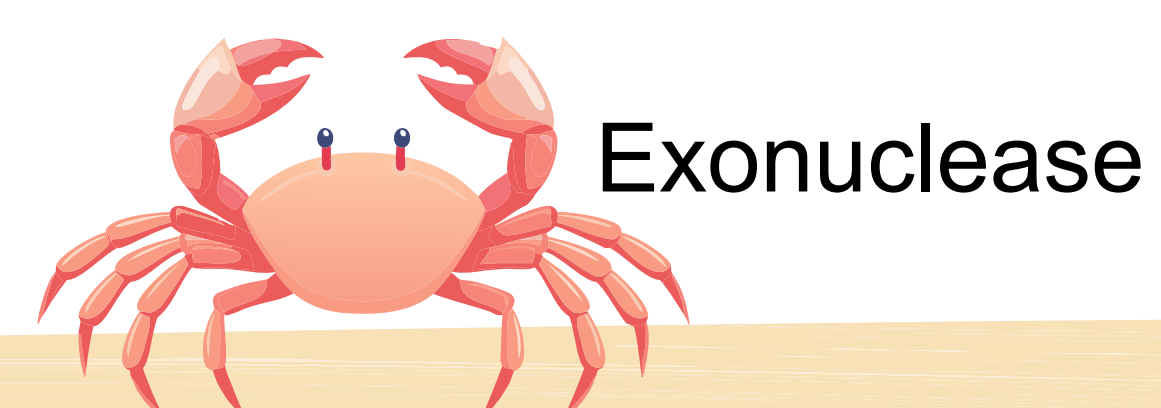
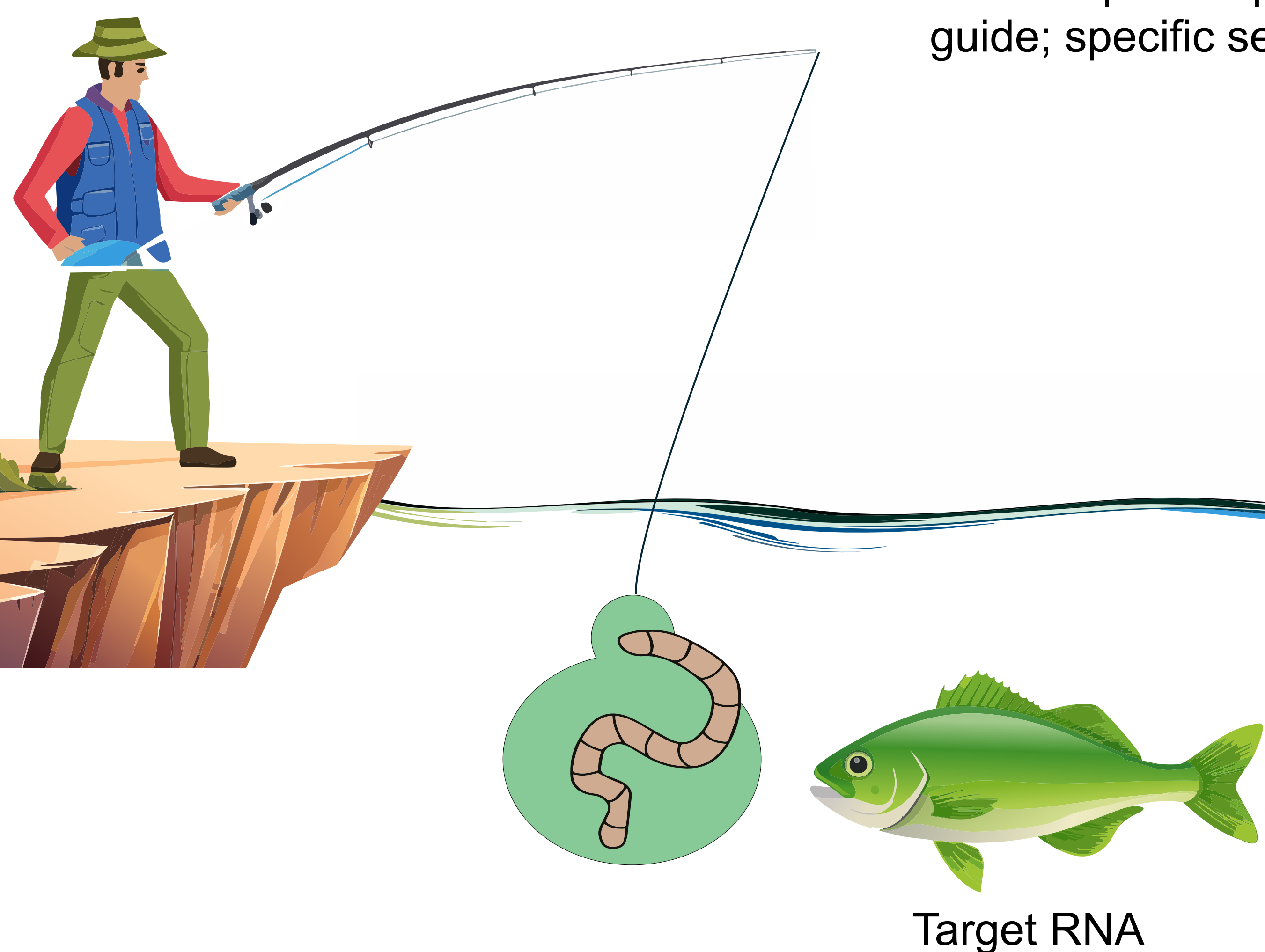
How do these mutations impact protein function?

Argonaute Fishes for a Target RNA



Mutant Argonautes Contain Unnaturally Short Guides

Normal protein protects the guide; specific set of targets



Catching more fish is not always better!

Mutant protein exposes the guide to be shortened; more targets compatible with the guide

