



## Spotting the Fake Answer Key

### Does yours match up with the authentic Sea Bass DNA?

No! The DNA does not match up with the authentic Sea Bass DNA.

### Follow Up Questions

**1. Why are DNA and the bases important?**

DNA is unique to each individual, and determines the characteristics of each individual. Everyone has a different string of letters on their DNA, which is why we are all unique!

**2. What makes up DNA?**

Nucleotides. Nucleotides are made up of sugar, phosphate and nitrogenous bases.

**3. C is complementary and always pairs with 'G'. 'A' is complementary to and always pairs with T.**

**4. What types of items can be counterfeited?**

Anything! Apparel, accessories, music, software, medications, auto parts, airplane parts, consumer goods, toys, electronics, and more.

**5. What are the hazards of counterfeited products?**

The materials that make up counterfeited products are cheap and substandard, making the product dangerous for the health and safety of the consumer. There is also a risk of identity theft when purchasing counterfeited products online. Lastly, the profits go towards organized crime and child labor.

**6. What can you look for on a product to help you determine if a product has been safety tested?**

Look out for the UL mark or label on your products! The UL mark on a product means that UL has tested and evaluated representative samples of that product and determined that they meet UL safety requirements.

**7. How can I avoid buying counterfeited products?**

Be cautious and look out for indicators of a counterfeited good: the price, the packaging and the place you are getting it from (The three P's!). If a product seems to be too highly discounted, it might be a fake. If the packaging is low quality and has misspellings it is probably counterfeited. Also, think about where you are buying it, and whether you would expect it to be sold there. And of course, don't forget to look for the UL mark!