APES- Bushmeat DNA Blast Assignment
Name: _____

Backstory: *Imagine you are working with conservationists in Cameroon. You want to help them identify potential poachers and help them to enforce local poaching laws. You need to identify which vendors are selling the poached meat but it is in pieces and hard to identify the species by sight- what do you do?*

Instructions:
1: Using the **DNA Blast Program**- http://blast.ncbi.nlm.nih.gov/Blast.cgi
type in the DNA sequence into the nucleotide blast. ***Choose the "Nucleotide blast".***
Under Database, make sure to choose "other".

2: *Using the results from the blast, <u>type the organism name into **google**</u> to find out what organism you have. (Common Name)*

Sample #A62498: _____

Sample #B77342: _____

Sample #C79942: _____

Sample #C80217: _____

Sample #C90034: _____

Sample #D51210: _____

Sample #G34176: _____

Sample #G54358: _____

Sample #H64991: _____

Sample #I38722: _____

Sample #K28831: _____

Sample #N51683: _____

Conclusion: *Why is it important to know the genome of an organism? How does it help us to identify endangered and threatened species?*