

Class#18

Zainab Ashir

2023-06-04

Q1. How many cancer samples are included in the dataset?

##They are 372 samples

Q2. Which is the most mutated gene?

##It is tp53

Q3. Which is the most common treatment undergone by patients?

##It is sorafenib

Q4. Which is the etiology of the top absolute contributing signature for liver cancer?

##Aristolochic acid exposure

Q5. Which is the most prominent mutational context for the top contributing signature in skin cancer?

##C>T

Q6. The etiology of the top contributing signature for lung cancer corresponds to an endogenous cellular mechanism.

##False

Q7. SBS4 is one of the most common signatures found in lung cancer and is associated with tobacco smoking.

##True

Q8. SBS7d is one of the most common signatures in skin cancer and is associated with UV light exposure and high numbers of C>T mutations.

##False