

# Decode Disney

DNA is made of four bases: a (adenine), t (thymine), g (guanine) and c (cytosine). The combination of three of these bases codes for an amino acid. Each amino acid can be shorthanded by a letter of the alphabet such as A for alanine.

Using the amino acid code, decode these amino acid sequences which spell out Disney songs. Using these songs write down the name of the Disney film. Below is a list of the names of the amino acids and the alphabet letter it is represented by. These are the common amino acids there are irregular ones also.

Alanine - A  
Arginine - R  
Asparagine - N  
Aspartic acid - D  
Cysteine - C  
Glutamine - Q  
Glutamate - E  
Glycine - G  
Histidine - H  
Isoleucine - I

Leucine - L  
Lysine - K  
Methionine - M  
Phenylalanine - F  
Proline - P  
Serine - S  
Threonine - T  
Tryptophan - W  
Tyrosine - Y  
Valine - V

Example:

Serine, Threonine, Arginine, Alanine, Asparagine, Glycine, Glutamate, Arginine, Serine

Leucine, Isoleucine, Lysine, Glutamate

Methionine, Glutamate

Code for: Strangers Like Me

Film: Tarzan

1)

Cysteine, Histidine, Isoleucine, Methionine

Cysteine, Histidine, Isoleucine, Methionine

Cysteine, Histidine, Glutamate, Arginine – Glutamate Glutamate

Code For:

Film:

2)

Lysine, Isoleucine, Serine, Serine

Threonine, Histidine, Glutamate

Glycine, Isoleucine, Arginine, Leucine

Code For:

Film:

3)

Glycine, Isoleucine, Valine, Glutamate

Alanine

Leucine, Isoleucine, Threonine, Threonine, Leucine, Glutamate

Tryptophan, Histidine, Isoleucine, Serine, Threonine, Leucine, Glutamate