

Name: \_\_\_\_\_

### All protein Structures found in the hair are derived from 18 Amino Acids

U J Q A A H P O T P Y R T V R O X H N G B U O A  
P D R G J G T Z T W K W M C E Z E H J H E D X J  
O S N R J Z U P H E N Y L A N I N E C Z N A D G  
I J C Q I Y P U T S Q B X S O J H P F Q I W A B  
U H L L N W Z N H H D I R Y D N O D O W C A T M  
O M R C F V Q J Z P J N M O I Z Y R V E U E O N  
C Q P D I C A C I E T S Y C C A Y E Q N E N Y U  
V W C I T R U L L I N E U L A R E N I I L I Y H  
G L E N I E T S Y C M O L M C G N I M C K R O E  
W F U C V E R E T C B M J B I I I C E Y B E V N  
P T V E V L K N E Y I Q A M M N S U M L A S I I  
P W C Q W R B I C S Y M X C A I Y E U G O G J D  
G G B I C Z W L X T R O Q W T N L L O V G E B I  
Q J N B O K U O F I N V E C U E Z O F Q E H I T  
B U W A W Z E R Z N I P K I L A S S B Y N T L S  
O R A X G O B P O E Y D E Y G L I I G H I M X I  
V B B D U D X F A L A N I N E V S Y M X N W N H  
E X N T F U U H W L E R T K N Z B W T J O A Z B  
M E T H I O N I N E B A Y A P P D X Z B E R N P  
G A N H C Y V Z D N A V L K D A M J W M R U S S  
U M H V A L I N E C T D U C I X S B K B H C R M  
E N I S O R Y T N G X Q X N E P L O B G T G K Y  
A S P A R T I C A C I D N R E R C W C H L L N N  
H M Q H J Q C Q B P V C Y A Y N V M Y T X X Y W

Glutamic Acid  
Isoleucine  
Threonine  
Tyrosine  
Alanine  
Valine

Aspartic Acid  
Methionine  
Histidine  
Proline  
Glycine

Cysteic Acid  
Citrulline  
Cysteine  
Cystine  
Serine

Phenylalanine  
Tryptophan  
Arginine  
Leucine  
Lysine