

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