

DRAWINGS

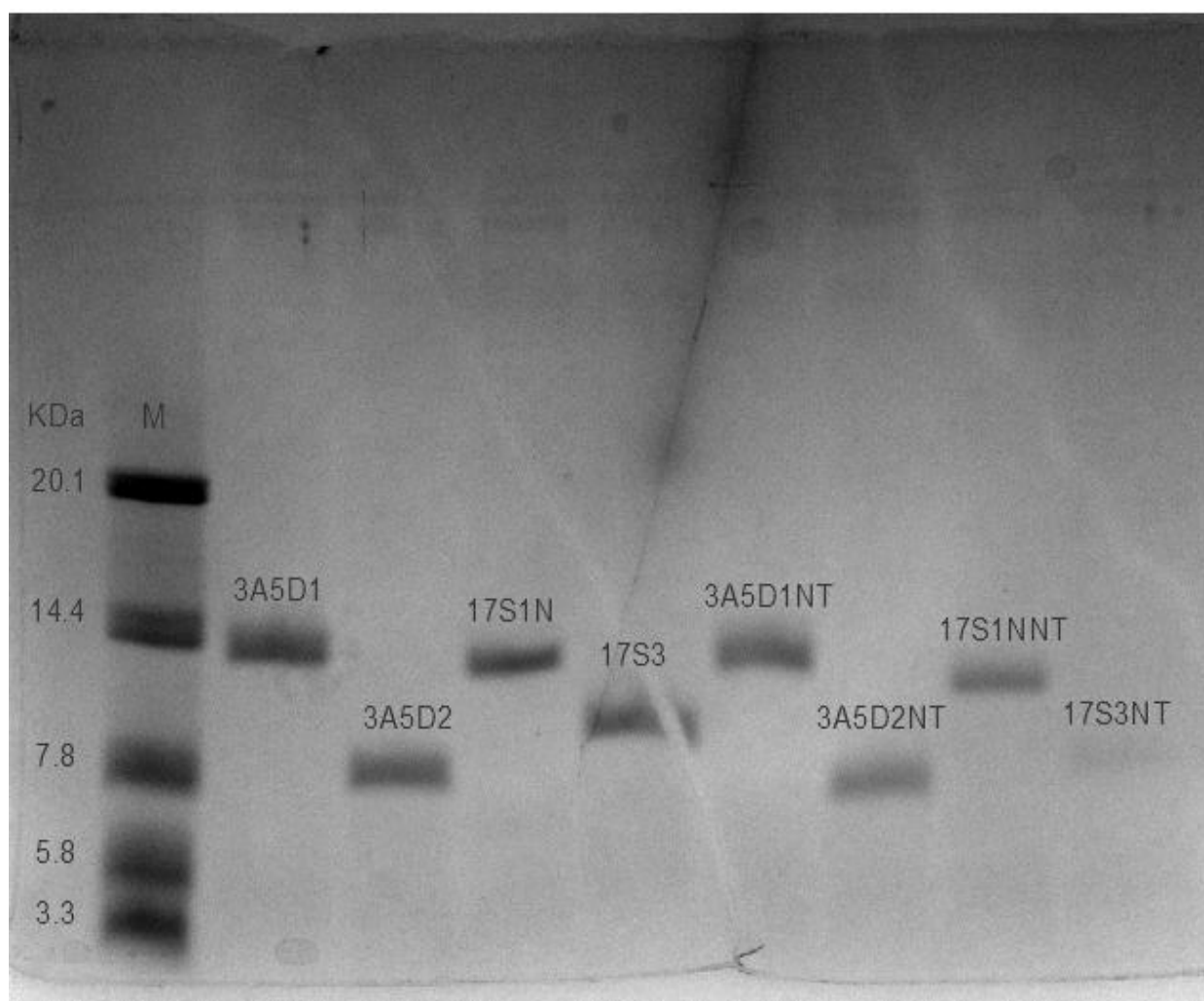


FIG. 1

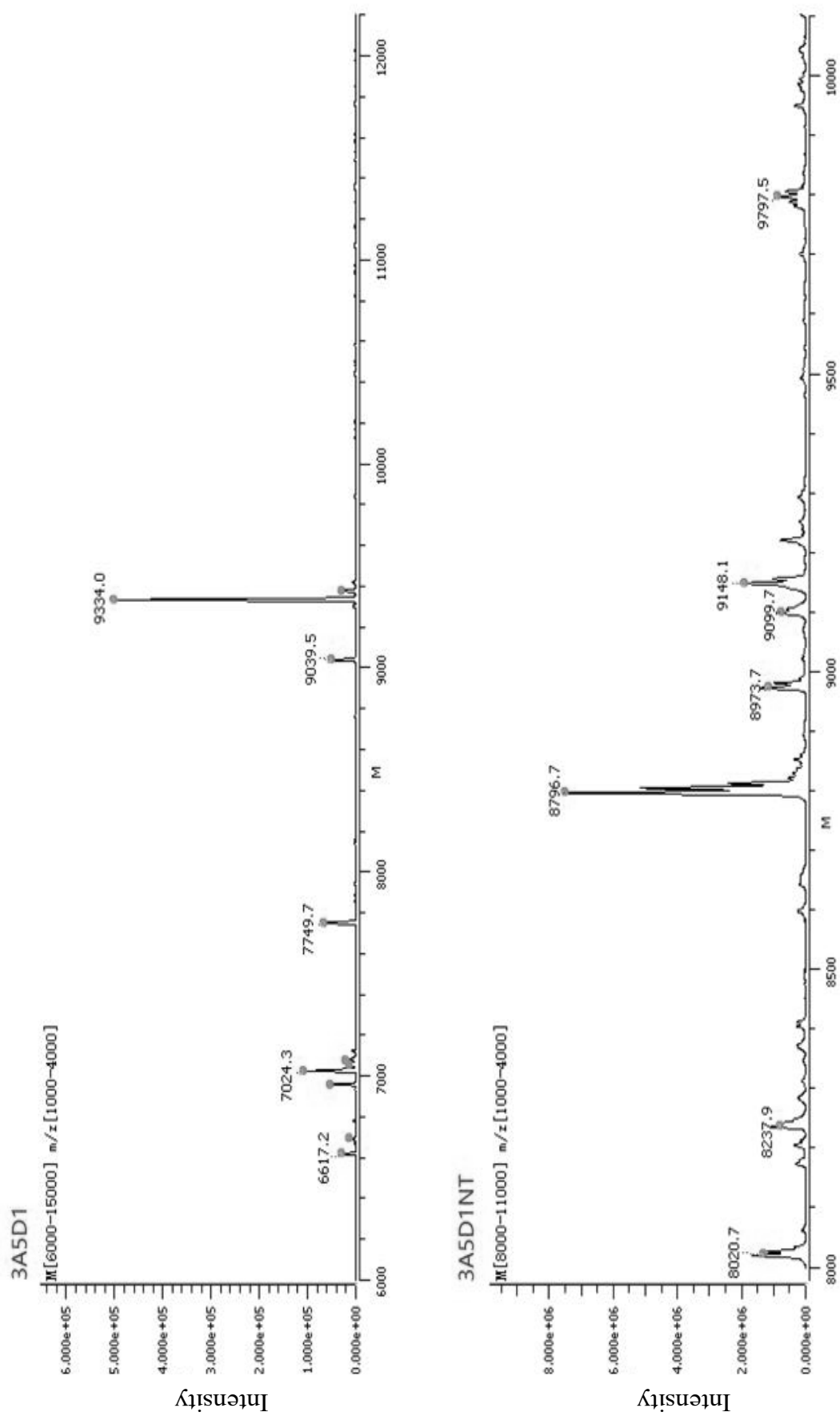


FIG. 2

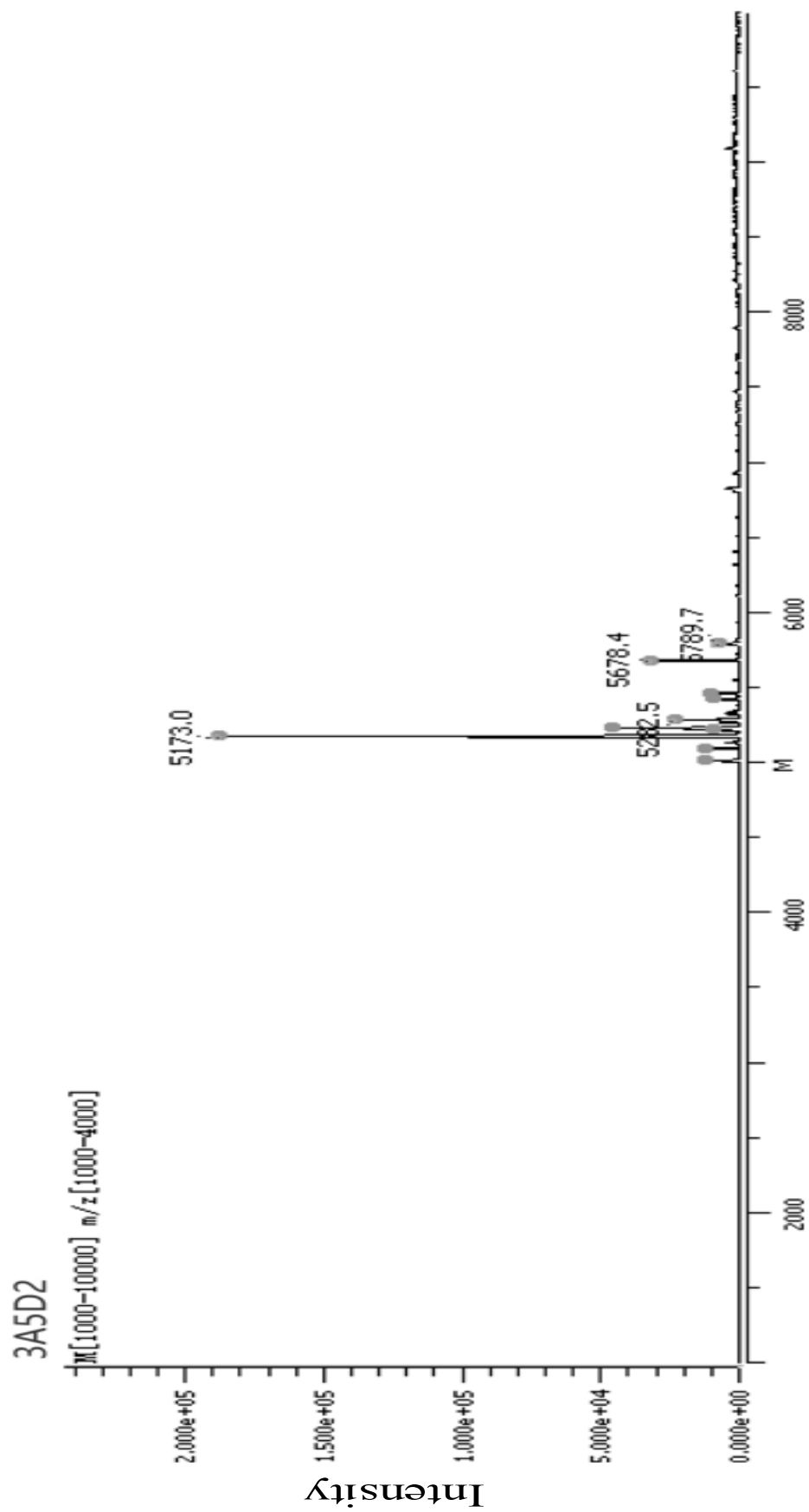


FIG. 3

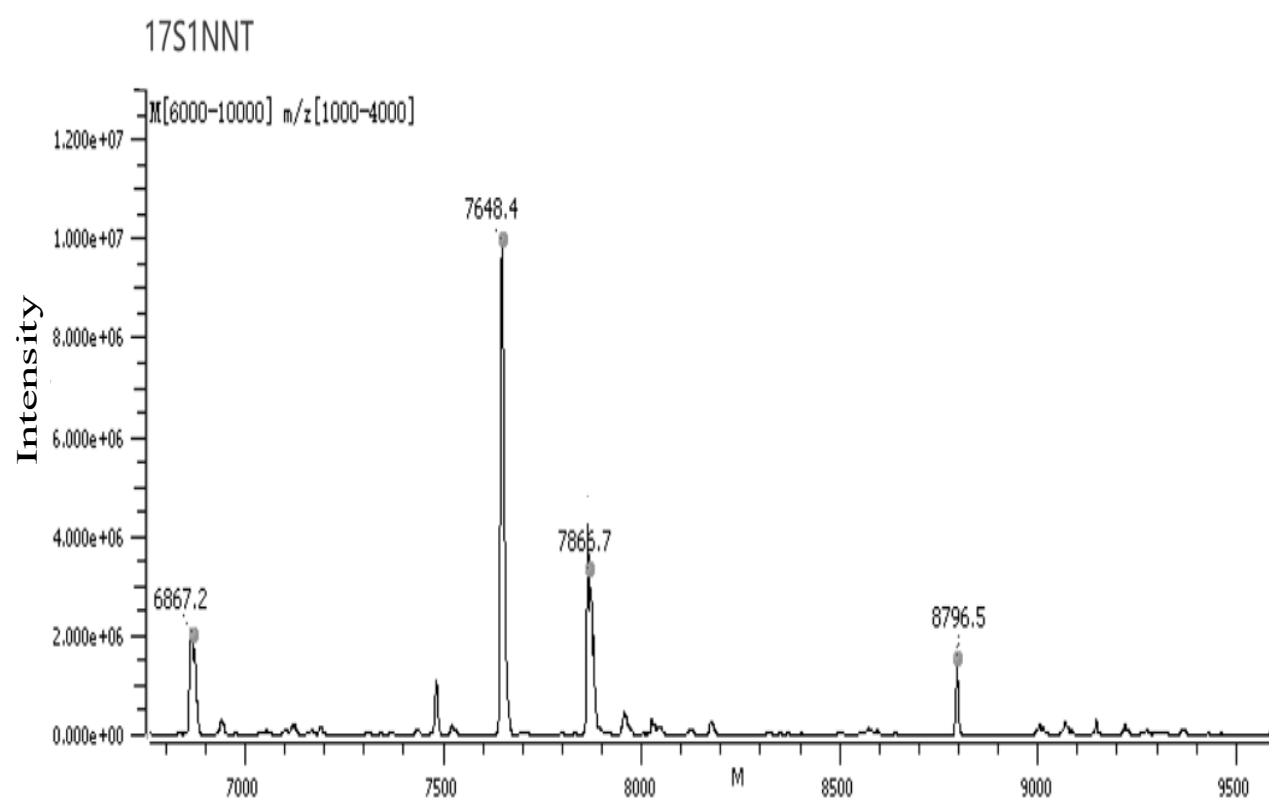
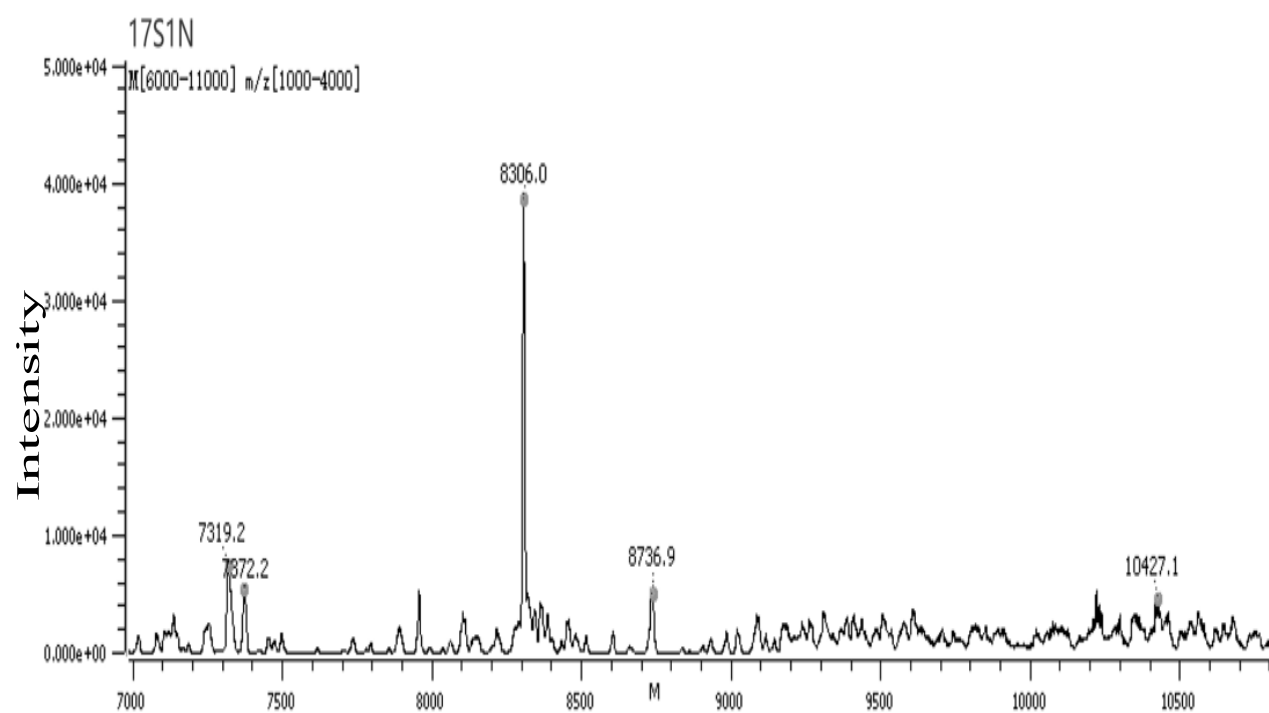


FIG. 4

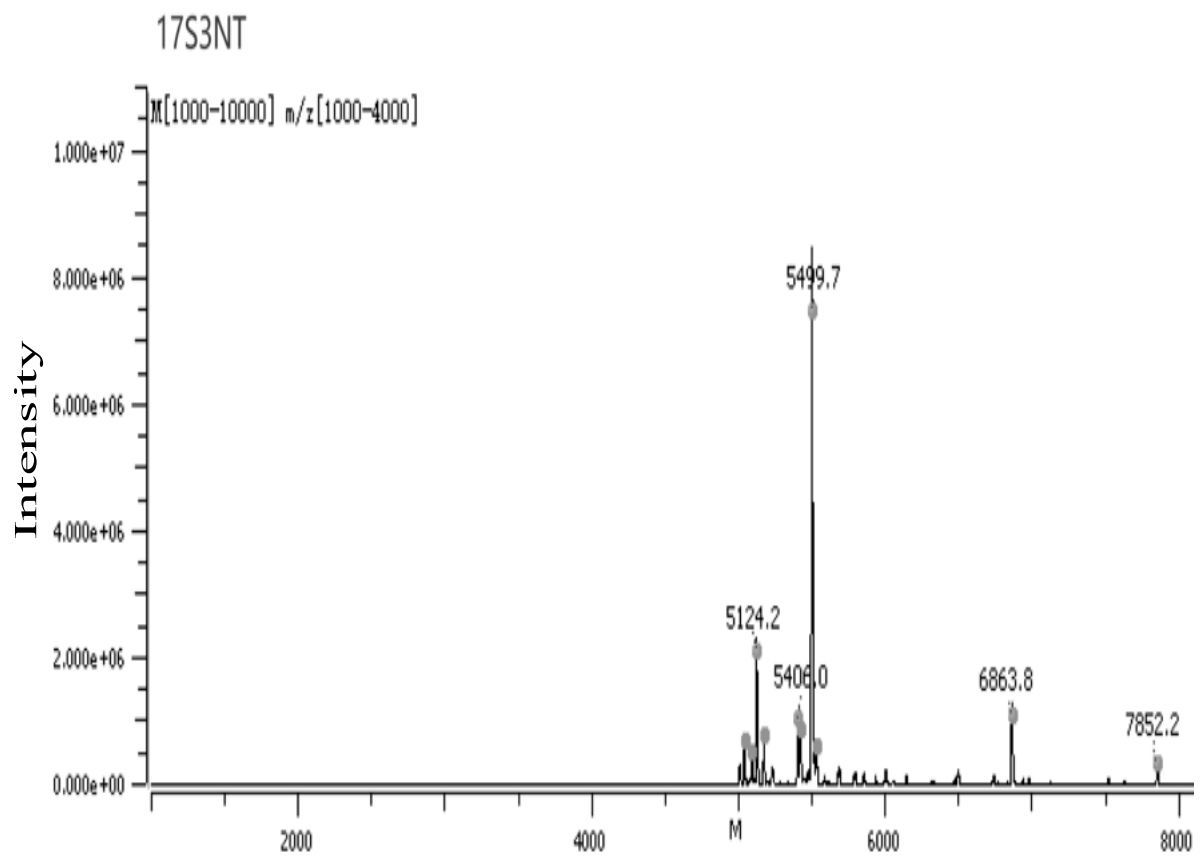
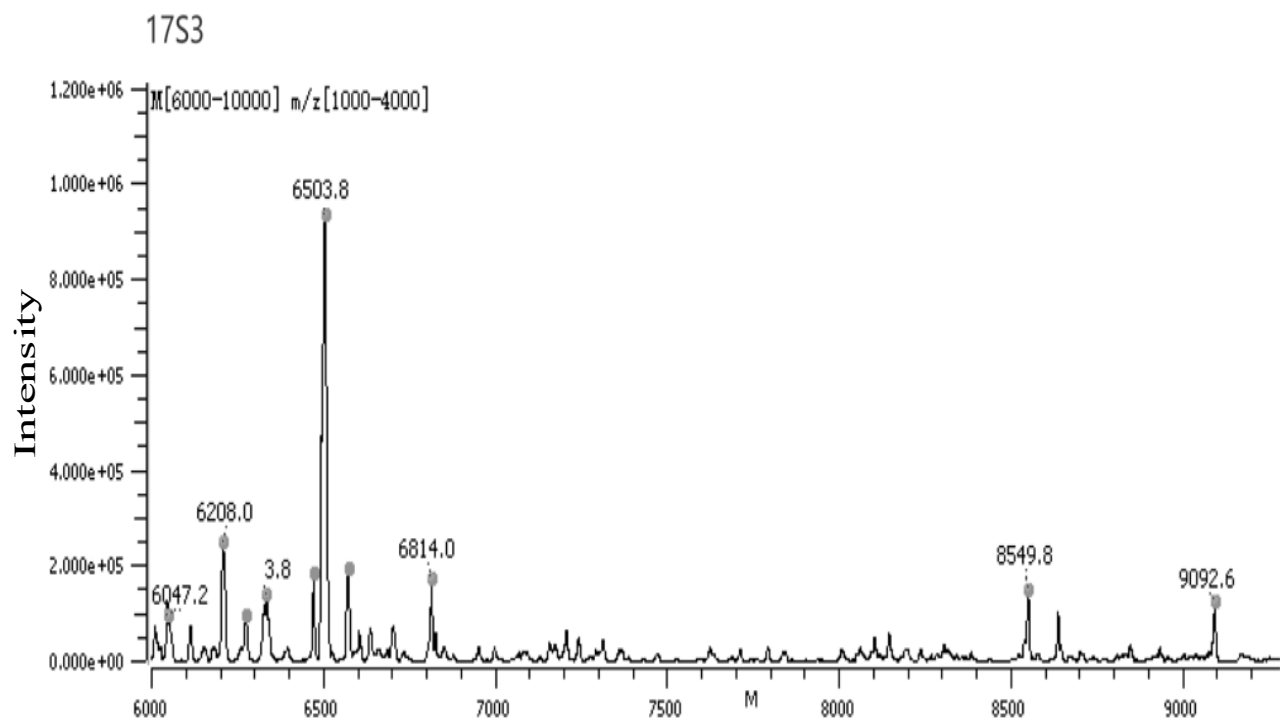


FIG. 5

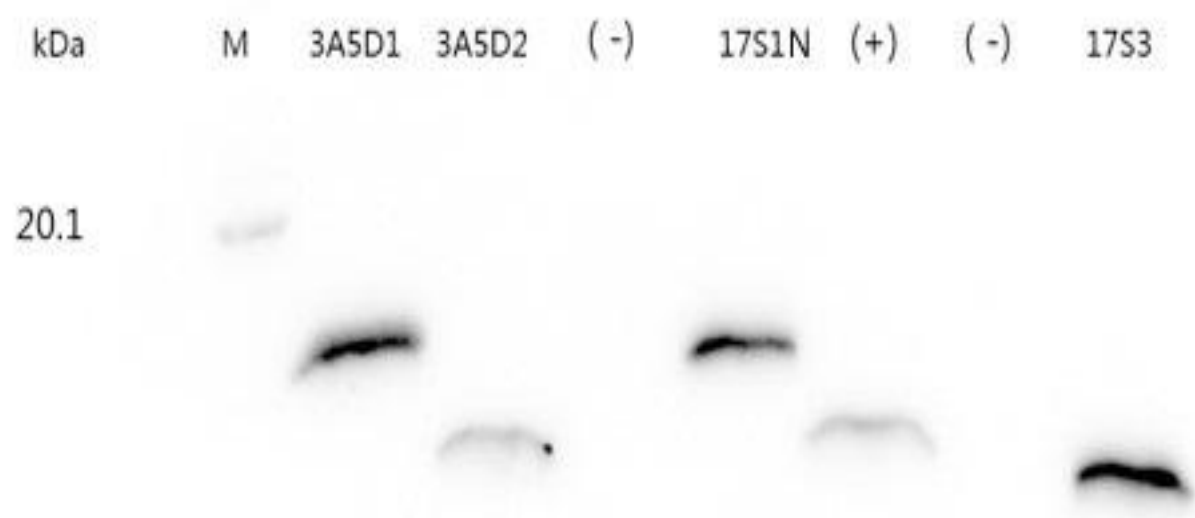


FIG. 6

WUNA_3A501_092622																													
Hits	Protein Mass	No. of Peptide	Sequence Header	Link	Relative Abundance																								
1	139733.63	44	>sp P02461 COL3A1_HUMAN Collagen alpha-1(III) chain OS=Homo sapiens OX=9606 GN=COL3A1 PE=1 SV=4	P02461	100.0%																								
M	M	S	F	V	Q	K	G	S	W	L	L	L	A	L	H	P	T	I	L	A	Q	Q	E	A	V	E	G		
G	C	S	H	L	G	C	S	Y	A	D	R	D	V	W	K	P	E	P	C	I	C	V	C	D	S	G	S	V	
L	C	D	D	I	I	C	D	D	Q	E	L	D	C	P	N	K	E	I	P	F	G	E	C	C	A	V	C	P	
P	P	T	A	P	T	R	P	P	N	G	Q	Q	P	Q	G	P	K	G	D	P	G	P	P	G	I	P	G	R	
G	D	P	G	I	P	G	Q	P	G	S	P	G	S	P	G	P	P	G	I	C	E	S	C	P	T	G	P	Q	
I	S	P	Q	Y	D	S	Y	D	V	K	S	G	V	A	V	G	G	L	A	G	Y	P	G	P	G	A	P	P	
P	P	G	P	P	G	T	S	G	H	P	G	S	P	G	S	P	G	Y	Q	G	P	P	G	E	P	G	G	A	
P	S	G	P	P	G	P	P	G	A	I	G	P	S	P	G	P	A	G	K	D	G	E	S	G	R	P	G	R	
E	R	G	L	P	Q	P	P	G	I	K	G	P	A	G	I	P	G	F	P	G	M	K	G	H	R	G	F	D	
R	N	G	E	K	E	T	O	A	P	L	G	L	K	G	E	N	G	L	P	G	E	N	G	A	P	Q	P	M	
P	R	G	A	P	G	E	R	G	R	P	G	L	P	G	A	A	G	A	R	G	N	D	G	A	R	G	S	D	
Q	P	G	P	P	G	P	P	G	T	A	G	F	P	G	S	P	G	A	K	G	E	V	G	P	A	G	S	P	
S	N	G	A	P	G	Q	R	G	E	P	G	P	Q	G	H	A	G	A	Q	G	P	P	G	P	P	G	I	N	
S	P	G	G	K	G	M	E	M	G	P	A	G	I	P	G	A	P	L	M	G	A	R	G	P	P	G	P	A	
A	N	G	A	P	G	L	R	G	G	A	G	E	P	G	K	N	G	A	K	G	E	P	G	P	R	G	E	R	
E	A	G	I	P	G	V	P	G	A	K	G	E	D	Q	K	D	G	S	P	G	E	P	G	A	N	G	L	P	
A	A	G	E	R	G	A	P	G	F	R	G	P	A	Q	N	I	P	G	E	K	O	P	A	G	E	R	G		
A	P	G	P	A	G	R	G	A	A	G	E	P	G	R	D	G	V	P	G	P	G	M	R	G	M	P	G		
S	P	G	G	P	G	S	D	G	K	P	G	P	P	G	S	Q	G	E	S	G	R	P	G	P	P	G	S	P	
P	R	G	Q	P	G	V	M	G	F	P	G	P	K	N	D	G	A	P	G	K	N	G	E	R	G	G	P	G	
G	P	G	P	Q	G	P	P	G	K	N	E	T	G	P	G	P	P	G	P	T	G	P	G	G	D	K	G		
T	G	P	P	G	P	Q	G	L	Q	G	L	P	G	T	G	G	P	P	G	E	N	K	P	G	E	P	G		
P	K	G	D	A	G	A	P	G	A	P	G	Q	K	D	A	G	A	P	E	R	G	P	P	G	L	A	Q		
A	P	G	L	R	G	A	Q	P	P	O	P	E	G	G	K	Q	A	A	P	P	G	P	P	G	A	A	Q		
T	P	G	L	Q	G	M	P	G	E	R	G	G	L	G	S	P	G	P	K	G	D	K	G	E	P	G	G		
A	D	G	V	P	G	K	D	G	P	R	G	P	T	G	P	I	G	P	P	G	P	A	G	Q	P	G	D	K	
E	G	G	A	P	G	L	P	G	I	A	G	R	P	S	P	G	E	R	G	E	T	G	P	P	G	P	A	G	
F	P	P	A	G	P	G	N	G	E	P	G	G	K	G	E	R	G	A	P	E	K	G	E	G	G	P	P	G	
V	A	G	P	P	Q	G	S	G	P	A	G	P	P	G	P	Q	G	V	K	G	E	R	G	S	P	G	G	P	
A	A	Q	F	P	G	A	R	L	P	G	P	P	G	S	N	G	N	P	G	P	P	G	P	S	G	S	P	G	
K	D	G	P	P	G	P	A	N	T	T	G	A	P	G	S	P	G	V	S	G	P	K	D	A	G	Q	P	G	
E	K	G	S	P	G	A	Q	G	P	T	G	A	P	G	P	L	G	I	A	G	I	T	G	A	R	L	A	G	
P	P	G	M	P	G	P	R	G	S	P	G	P	Q	G	V	K	G	E	S	G	K	P	G	A	N	G	L	S	G
E	R	G	P	P	G	P	Q	G	L	P	G	L	A	G	T	A	G	E	P	G	R	I	O	N	P	O	S	D	G
P	P	G	P	V	Q	P	A	K	S	D	R	G	E	S	O	F	A	Q	A	G	A	P	O	P	A	G	P	A	G
A	G	A	P	G	P	Q	G	P	R	G	D	K	G	E	T	G	E	R	G	A	A	G	I	K	G	H	R	G	
F	P	G	N	S	P	G	A	P	G	S	P	G	A	G	Q	Q	G	A	I	G	S	P	G	P	A	G	P	R	G
P	V	G	S	P	G	P	G	K	D	G	T	S	G	H	P	G	P	I	G	S	P	P	G	P	R	G	N	R	G
E	R	G	S	E	G	S	P	G	H	P	G	Q	P	G	P	P	G	P	P	G	A	P	G	P	C	C	G	V	
G	A	A	A	I	A	G	I	G	E	K	A	A	G	G	F	A	P	Y	Y	G	D	E	P	M	D	F	K	I	N
T	D	E	I	M	T	S	L	K	S	V	N	Q	I	E	S	L	I	S	P	D	G	S	R	K	N	P	A	R	
N	C	R	D	L	K	F	C	H	P	E	L	K	S	G	E	Y	W	V	D	P	N	Q	Q	C	K	L	D	A	I
K	V	F	C	N	M	E	T	G	E	T	C	I	S	A	N	L	N	V	P	R	K	H	W	T	D	S	S		
A	E	K	K	H	V	W	F	G	E	S	M	D	G	G	F	Q	F	S	Y	G	N	P	E	L	P	E	D	V	
D	V	H	L	A	F	L	R	L	S	S	R	A	S	A	S	N	I	T	Y	H	C	K	N	S	I	A	Y	M	
Q	A	S	G	N	V	K	K	A	L	K	L	M	G	S	N	E	G	E	F	K	A	E	G	N	S	K	F	T	Y
T	V	L	E	D	G	C	T	K	H	T	G	E	W	S	K	T	V	F	E	Y	R	T	R	K	A	V	R	L	P
I	V	D	I	A	P	Y	D	I	G	G	P	D	Q	E	F	G	V	D	V	G	P	V	C	F	L				
1	5	10	15	20	25	30																							

WUNA_345D1NT_092622																														
Hits	Protein Mass		No. of Peptide	Sequence Header																Link	Relative Abundance									
1	139733.63		10	>sp P02461 COL3A1_HUMAN Collagen alpha-1(III) chain OS=Homo sapiens OX=9606 GN=COL3A1 PE=1 SV=4																P02461	100.0%									
M	M	S	F	V	Q	K	G	S	W	L	L	L	A	L	H	P	T	I	L	A	Q	Q	E	A	V	E	G			
G	C	S	H	L	G	Q	S	Y	A	D	R	D	V	W	K	P	E	P	C	Q	I	C	V	C	D	S	G	S		
L	C	D	D	I	C	D	D	Q	E	L	D	C	P	N	P	E	I	P	F	G	E	C	C	A	V	C	P	O		
P	P	T	A	P	T	R	P	P	N	G	Q	Q	P	Q	G	P	K	G	D	P	G	P	P	G	I	P	G	R	N	
G	D	P	G	I	P	Q	Q	P	G	S	P	G	S	P	G	P	P	G	I	C	E	S	C	P	T	G	P	Q	N	
Y	S	P	Q	Y	D	S	Y	D	V	K	S	Q	V	A	V	G	Q	L	A	G	Y	P	O	P	A	G	P	P	G	
P	P	G	P	P	G	T	S	G	H	P	G	S	P	G	S	P	G	Y	Q	G	P	P	P	G	E	P	G	Q	A	
P	S	G	P	P	G	P	P	G	A	I	G	P	S	P	G	P	A	G	K	D	G	E	S	G	R	P	G	R	P	G
E	R	G	L	P	G	P	P	G	I	K	G	P	A	G	I	P	G	F	P	G	M	K	G	H	R	G	F	D	G	
R	N	G	E	K	G	E	T	G	A	P	G	L	K	G	E	N	G	L	P	G	E	N	G	A	P	G	M	P	M	G
P	R	G	A	P	G	E	R	G	R	P	G	L	P	G	A	A	G	A	R	G	N	D	G	A	R	G	S	D	G	
Q	P	G	P	P	G	P	P	G	T	A	G	F	P	G	S	P	G	A	K	G	E	V	G	P	A	G	S	P	G	
S	N	G	A	P	Q	G	R	G	E	P	P	Q	H	A	Q	A	Q	G	P	P	G	P	P	G	I	N	G	P	G	
S	P	G	G	K	G	E	M	G	P	A	G	I	P	A	G	P	L	M	G	A	R	G	P	P	P	G	P	A	G	
A	N	G	A	P	G	L	R	G	G	A	G	E	P	G	K	N	G	A	K	G	E	P	G	P	R	G	E	R	G	
E	A	G	I	P	G	V	P	G	A	K	G	E	D	G	K	D	G	S	P	E	P	G	A	N	G	L	P	G		
A	A	A	G	E	R	G	A	P	G	F	R	G	P	A	G	N	K	I	P	G	E	K	G	P	A	G	E	R	G	
A	P	G	P	A	G	P	R	G	A	A	G	E	P	G	R	D	G	V	P	G	G	P	G	M	R	G	M	P	G	
S	P	G	G	P	G	S	D	G	K	P	G	P	P	G	S	Q	G	E	S	G	R	P	G	P	P	G	P	S	G	
P	R	G	Q	P	G	V	M	G	F	P	G	P	K	N	D	A	P	G	K	N	G	E	R	G	G	P	C	O		
Q	G	P	P	Q	Q	P	P	K	N	E	T	G	P	Q	Q	P	P	G	T	O	P	G	T	O	G	D	D	K	O	
T	T	G	P	P	G	P	Q	L	Q	L	P	Q	T	G	Q	P	P	G	E	N	G	K	P	G	E	P	G	O		
P	K	G	D	A	G	A	P	G	A	P	G	G	K	G	D	A	G	A	P	G	E	R	G	P	P	G	L	A	G	
A	P	G	L	R	G	G	A	P	P	G	P	E	G	G	K	G	A	A	G	P	P	G	P	P	G	A	A	G	A	
T	P	G	L	Q	G	M	P	G	E	R	G	G	L	S	P	G	P	K	G	D	K	G	E	P	G	G	P	G		
A	D	G	V	P	G	K	D	G	P	R	G	P	T	G	P	I	G	P	P	G	P	A	G	Q	P	G	D	K	G	
E	G	G	A	P	Q	L	P	G	I	A	G	P	R	G	S	P	G	E	R	G	E	T	G	P	P	G	P	A	G	
F	P	Q	A	P	G	N	G	E	P	G	G	K	Q	E	R	G	A	P	E	K	E	G	E	P	G	P	P	P	G	
V	A	G	P	P	P	G	S	G	P	A	G	P	P	G	P	Q	G	V	K	G	E	R	G	S	P	G	G	P	G	
A	A	G	F	P	G	A	R	L	P	G	P	P	G	S	N	G	N	P	G	P	P	G	P	S	G	S	P	G	P	
K	D	G	P	P	G	P	A	G	N	T	G	A	P	G	S	P	G	V	S	G	P	K	G	D	A	G	Q	P	G	
E	K	G	S	P	G	A	Q	G	P	P	G	A	G	P	L	G	I	A	G	I	T	G	A	R	G	L	A	G		
P	P	G	M	P	P	G	R	G	S	P	G	P	Q	G	V	K	G	E	S	G	K	P	G	A	N	G	L	S	G	
E	R	G	P	P	G	P	Q	L	P	G	L	A	G	T	A	G	E	P	G	R	D	G	N	P	G	S	D	G		
L	P	G	R	D	G	S	P	G	G	K																				

FIG. 7

WUNA_3A5D2_092622					
Hits	Protein Mass	No. of Peptide	Sequence Header	Link	Relative Abundance
1	139733.63	9	>sp P02461 CO3A1_HUMAN Collagen alpha-1(III) chain OS=Homo sapiens OX=9606 GN=COL3A1 PE=1 SV=4	P02461	100.0%
M M S F V Q K G S W L L L A L L L H P T I I L A Q Q E A V E G G C S H L G Q S Y A D R D V W K P E P C Q I C V C D S G S V L C D D I I C D D Q E L D C P N P E I P F G E C C A V C P Q P P T A P T R P P N G Q G P Q G P K G D P G P P G I P G R N G D P G I P G Q P G S P G S P G P P G I C E S C P T G P Q N Y S P Q Y D S Y D V K S G V A V G G L A G Y P G P A G P P G P P G P P G T S G H P G S P G S P G Y Q G P P G E P G Q A G P S G P P G P P G A I G P S G P A G K D G E S G R P G R P G E R G L P G P P G I K G P A G I P G F P G M K G H R G F D D G R N G E K G E T G A P G L K G E N G L P G E N G A P G P M G P R G A P G E R G R P G L P G A A G A R G N D G A R G S D G Q P G P P G P P G T A G F P G S P G A K G E V G P A G S P G S N G A P G Q R G E P G P Q G H A G A Q G P P G P P G I N G S P G G K G E M G P A G I P G A P G L M G A R G P P G P A G A N G A P G L R G G A G E P G K N G A K G E P G P R G E R G E A G I P G V P G A K G E D G K D G S P G E P G A N G L P G A A G E R G A P G F R G P A G P N G I P G E K G P A G E R G A P G P A G P R G A A G E P G R D G V P G G P G M R G M P G S P G G P G S D G K P G P P G S Q G E S G R P G P P G P S G P R G Q P G V M G F P G P K G N D G A P G K N G E R G G P G G P G P Q G P P G K N G E T G P Q G P P G T G P G G D K G D T G P P G P Q G L Q G L P G T G G P P G E N G K P G E P G P K G D A G A P G A P G G K G D A G A P G E R G P P G L A G A P G L R G G A G P P G P E G G K G A A G P P G P P G A A G T P G L Q G M P G E R G G L G S P G P K G D K G E P G G P G A D G V P G K D G P R G P T G P I G P P G P A G Q P G D K G E G G A P G L P G I A G P R G S P G E R G E T G P P G P A G F P G A P G Q N G E P G G K G E R G A P G E K G E G G P P G V A G P P G G S G P A G P P G P Q G V K G E R G S P G G P G A A G F P G A R G L P G P P G S N G N P G P P G P S G S P G K D G P P G P A G N T G A P G S P G V S G P K G D A G Q P G E K G S P G A Q G P P G A P G P L G I A G I T G A R G L A G P P G M P G P R G S P G P Q G V K G E S G K P G A N G L S G E R G P P G P Q G L P G L A G T A G E P G R D G N P G S D G L P G R D G S P G G K G D R G E N G S P G A P G A P G H P G P P G P V G P A G K G A P G P Q G P R G D K G E T G E R G A A G I K G H R G F P G N P G A P G S P G P A G Q Q G A I G S P G P A G P R G P V G P S G P P G K D G T S G H P G P I G P P G P R G N R G E R G S E G S P G H P G Q P P G P P G A P G P C C G G V G A A A I A G I G G E K A G G F A P Y Y G D E P M D F K I N T D E I M T S L K S V N G Q I E S L I S P D G S R K N P A R N C R D L K F C H P E L K S G E Y W V D P N Q G C K L D A I K V F C N M E T G E T C I S A N P L N V P R K H W W T D S S A E K K H V W F G E S M D G G F Q F S Y G N P E L P E D V L D V H L A F L R L L S S R A S Q N I T Y H C K N S I A Y M D Q A S G N V K A L K L M G S N E G E F K A E G N S K F T Y T V L E D G C T K H T G E W S K T V F E Y R T R K A V R L P I V D I A P Y D I G G P D Q E F G V D V G P V C F L 1 5 10 15 20 25 30					

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Hits	Protein Mass	No. of Peptide	Sequence Header	Link	Relative Abundance
1	139733.63	5	>sp P02461 CO3A1_HUMAN Collagen alpha-1(III) chain OS=Homo sapiens OX=9606 GN=COL3A1 PE=1 SV=4	P02461	100.0%
M M S F V Q K G S W L L L A L L L H P T I I L A Q Q E A V E G G C S H L G Q S Y A D R D V W K P E P C Q I C V C D S G S V L C D D I I C D D Q E L D C P N P E I P F G E C C A V C P Q P P T A P T R P P N G Q G P Q G P K G D P G P P G I P G R N G D P G I P G Q P G S P G S P G P P G I C E S C P T G P Q N Y S P Q Y D S Y D V K S G V A V G G L A G Y P G P A G P P G P P G P P G T S G H P G S P G S P G Y Q G P P G E P G Q A G P S G P P G P P G A I G P S G P A G K D G E S G R P G R P G E R G L P G P P G I K G P A G I P G F P G M K G H R G F D D G R N G E K G E T G A P O L K G E N G L P G E N G A P G P M G P R G A P G E R G R P G L P G A A G A R G N D G A R G S D G Q P G P P G P P G T A G F P G S P G A K G E V G P A G S P G S N G A P G Q R G E P G P Q G H A G A Q G P P G P P G I N G S P G G K G E M G P A G I P G A P G L M G A R G P P G P A G A N G A P G L R G G A G E P G K N G A K G E P G P R G E R G E A G I P G V P G A K G E D G K D G S P G E P G A N G L P G A A G E R G A P G F R O P A G P N G I P G E K G P A G E R G A P G P A G P R G A A G E P G R D G V P G G P G M R G M P G S P G G P G S D G K P G P P G S Q G E S G R P G P P G P S G P R G Q P G V M G F P G P K G N D G A P G K N G E R G G P G G P G P Q G P P G K N G E T G P Q G P P G T G P G G D K G D T G P P G P Q G L Q G L P G T G G P P G E N G K P G E P G P K G D A G A P G A P G G K G D A G A P G E R G P P G L A G A P O L R G G A G P P G P E G G K G A A G P P G P P G A A G T P G L Q G M P G E R G G L G S P G P K G D K G E P G G P G A D G V P G K D G P R G P T G P I G P P G P A G Q P G D K G E G G A P G L P G I A G P R G S P G E R G E T G P P G P A G F P G A P G Q N G E P G G K G E R G A P G E K G E G G P P G V A G P P G G S G P A G P P G P Q G V K G E R G S P G G P G A A G F P G A R G L P G P P G S N G N P G P P G P S G S P G K D G P P G P A G N T G A P G S P G V S G P K G D A G Q P G E K G S P G A Q G P P G A P G P L G I A G I T G A R G L A G P P G M P G P R G S P G P Q G V K G E S G K P G A N G L S G E R G P P G P Q G L P G L A G T A G E P G R D G N P G S D G L P G R D G S P G G K G D R G E N G S P G A P G A P G H P G P P G P V G P A G K G A P G P Q G P R G D K G E T G E R G A A G I K G H R G F P G N P G A P G S P G P A G Q Q G A I G S P G P A G P R G P V G P S G P P G K D G T S G H P G P I G P P G P R G N R G E R G S E G S P G H P G Q P P G P P G A P G P C C G G V G A A A I A G I G G E K A G G F A P Y Y G D E P M D F K I N T D E I M T S L K S V N G Q I E S L I S P D G S R K N P A R N C R D L K F C H P E L K S G E Y W V D P N Q G C K L D A I K V F C N M E T G E T C I S A N P L N V P R K H W W T D S S A E K K H V W F G E S M D G G F Q F S Y G N P E L P E D V L D V H L A F L R L L S S R A S Q N I T Y H C K N S I A Y M D Q A S G N V K A L K L M G S N E G E F K A E G N S K F T Y T V L E D G C T K H T G E W S K T V F E Y R T R K A V R L P I V D I A P Y D I G G P D Q E F G V D V G P V C F L 1 5 10 15 20 25 30					

FIG. 8

WUNA_17S1N_092622					
Hits	Protein Mass	No. of Peptide	Sequence Header	Link	Relative Abundance
1	150725.48	10	>sp Q9UMD9 COHA1_HUMAN Collagen alpha-1(XVII) chain OS=Homo sapiens OX=9606 GN=COL17A1 PE=1 SV=3	Q9UMD9	100.0%
MDVTKKKNKRDGTEVTERIVTETVTTTRLTSL PPKGGTTSNGYAKTASLGGGSSRLKQSLTHG SSGYINSTGSTRGHASTSSYRRAHSPASTL PNSPGSTFERKTHVTRHAYEGSSSGNSSPE YPRKEFASSSTRGRSQTRRESEIRVRLQSAS PSTRWTELDDEVKRLKKGSRSSASVSPTRNSS NTLPIPKKGTVETKIVTASSQSVSGTYDAT ILDANLPSHVWSSSTLPAGSSMGTYHNNMTT QSSSLLNTNAYSAGSVFQVGNMNASCSPTL HPGLSTSSSVFGMQNNLAPSLTTLSSHGTTT TSTAYGVKKKNMPOQSPAAVNTGVSTSAACTT SVQSDDDLHKDKCKFLILEKDNTPAKKEMEL LIMTKDSGKVFFTASPAIAATSFSEDTLKK EKQAAAYNADSGLKAEANGDCLKTVSTKGKTT TADIHSYGSSGGGGSSGGGGVGGAGGGPWG PAPAWCPGSCCSWKLGLLTLWLGLLGL LLFGGLIALAEVVRKLKARVDELEIRRSIL PYGDSMDRIEKDRLLQGMAAPAAGADLCKIGL HSDSQEELWMFVRKKLMMEQENGNLRGSPG PKGDMGSPGPKGDRGFPPTPGIPGPLGHPG PQGPQKQKGSGVGDPMGEGPMGQGRGREGPMG PRGEAGPPGSGGEKGER					
TGEPMGRGLPGAVGEPGAKGAMGPAAGPDGH QGPGRGEQGLTGMPGIRGPPGPGSGDPGKPGGL TGPPQGPQGLPGTTPGRPGIKGEPGAPGKIVT SEGSSMLTVPGP GPPGAMGPPGPPGAPGP AGPAGLPQGHQEVNLNQGP GPPGPPRGP GPP SIPGP GPPRGP GPEGGLPGPP GPPGSGFLSNS ETFLSGPPGP GPPGPKGDQGP GPPRGRGHQG EQGLPGFSTSGSSSFGNLNLQGP GPPGPPQG PKGDKGDGVP GAGLGI PSGPSEGGSSSTM Y VSGPP GPPGPP GPPGSISSSGQEIQQYI SE YMQSDSIRSYLSGVQGP GPPGPPGPPVT TI TGETFDYSELASHVVSYLRTSGYGVSLFSS SISSEDLILAVLQRDDVRQYLRQYLMGPRGP PGPPGASGDGSLLSLDYAEELSSRI LSYMSS SGISIGLP GPPGPPGLPGTSTYEE LLSLLRG SEFRGIVGPP GPPGPPGPIPGNVWSSI SVE LSSYLHTAGLSFI PGP GPPGPPGPPRGP PG VSGALATYAAENSDSFRSELSYLTSPDVR SFI VGP GPPGPP GPPGPPGDSRL LSTDA SHSR GSSSSSHSSSVRRGSSSYSSSMSTGGGGA GS LGAGGA FGEAAGDRGPYGTDI GPPGGYGAA AEGGM YAGNGGLLGA D FAGDLDYNE LA VRV SESMQRQGLLQGMAYTVQGPPGQPPGQGP GISKVFSAYSNVTADLMDFFQTYGAI QGPP GQKGE MGT PGPKGDRGPA GPPGHPGPP GHKGEKGDKGQDVYAGRRRRRSIAVKP					
1	5	10	15	20	25
					30

WUNA_17S1NNT_092622					
Hits	Protein Mass	No. of Peptide	Sequence Header	Link	Relative Abundance
1	150725.48	8	>sp Q9UMD9 COHA1_HUMAN Collagen alpha-1(XVII) chain OS=Homo sapiens OX=9606 GN=COL17A1 PE=1 SV=3	Q9UMD9	100.0%
MDVTKKKNKRDGTEVTERIVTETVTTTRLTSL PPKGGTTSNGYAKTASLGGGSSRLKQSLTHG SSGYINSTGSTRGHASTSSYRRAHSPASTL PNSPGSTFERKTHVTRHAYEGSSSGNSSPE YPRKEFASSSTRGRSQTRRESEIRVRLQSAS PSTRWTELDDEVKRLKKGSRSSASVSPTRNSS NTLPIPKKGTVETKIVTASSQSVSGTYDAT ILDANLPSHVWSSSTLPAGSSMGTYHNNMTT QSSSLLNTNAYSAGSVFQVGNMNASCSPTL HPGLSTSSSVFGMQNNLAPSLTTLSSHGTTT TSTAYGVKKKNMPOQSPAAVNTGVSTSAACTT SVQSDDDLHKDKCKFLILEKDNTPAKKEMEL LIMTKDSGKVFFTASPAIAATSFSEDTLKK EKQAAAYNADSGLKAEANGDCLKTVSTKGKTT TADIHSYGSSGGGGSSGGGGVGGAGGGPWG PAPAWCPGSCCSWKLGLLTLWLGLLGL LLFGGLIALAEVVRKLKARVDELEIRRSIL PYGDSMDRIEKDRLLQGMAAPAAGADLCKIGL HSDSQEELWMFVRKKLMMEQENGNLRGSPG PKGDMGSPGPKGDRGFPPTPGIPGPLGHPG PQGPQKQKGSGVGDPMGEGPMGQGRGREGPMG PRGEAGPPGSGGEKGER					
TGEPMGRGLPGAVGEPGAKGAMGPAAGPDGH QGPGRGEQGLTGMPGIRGPPGPGSGDPGKPGGL TGPPQGPQGLPGTTPGRPGIKGEPGAPGKIVT SEGSSMLTVPGP GPPGAMGPPGPPGAPGP AGPAGLPQGHQEVNLNQGP GPPGPPRGP GPP SIPGP GPPRGP GPEGGLPGPP GPPGSGFLSNS ETFLSGPPGP GPPGPKGDQGP GPPRGRGHQG EQGLPGFSTSGSSSFGNLNLQGP GPPGPPQG PKGDKGDGVP GAGLGI PSGPSEGGSSSTM Y VSGPP GPPGPP GPPGSISSSGQEIQQYI SE YMQSDSIRSYLSGVQGP GPPGPPGPPVT TI TGETFDYSELASHVVSYLRTSGYGVSLFSS SISSEDLILAVLQRDDVRQYLRQYLMGPRGP PGPPGASGDGSLLSLDYAEELSSRI LSYMSS SGISIGLP GPPGPPGLPGTSTYEE LLSLLRG SEFRGIVGPP GPPGPPGPIPGNVWSSI SVE LSSYLHTAGLSFI PGP GPPGPPGPPRGP PG VSGALATYAAENSDSFRSELSYLTSPDVR SFI VGP GPPGPP GPPGPPGDSRL LSTDA SHSR GSSSSSHSSSVRRGSSSYSSSMSTGGGGA GS LGAGGA FGEAAGDRGPYGTDI GPPGGYGAA AEGGM YAGNGGLLGA D FAGDLDYNE LA VRV SESMQRQGLLQGMAYTVQGPPGQPPGQGP GISKVFSAYSNVTADLMDFFQTYGAI QGPP GQKGE MGT PGPKGDRGPA GPPGHPGPP GHKGEKGDKGQDVYAGRRRRRSIAVKP					
1	5	10	15	20	25
					30

FIG. 9

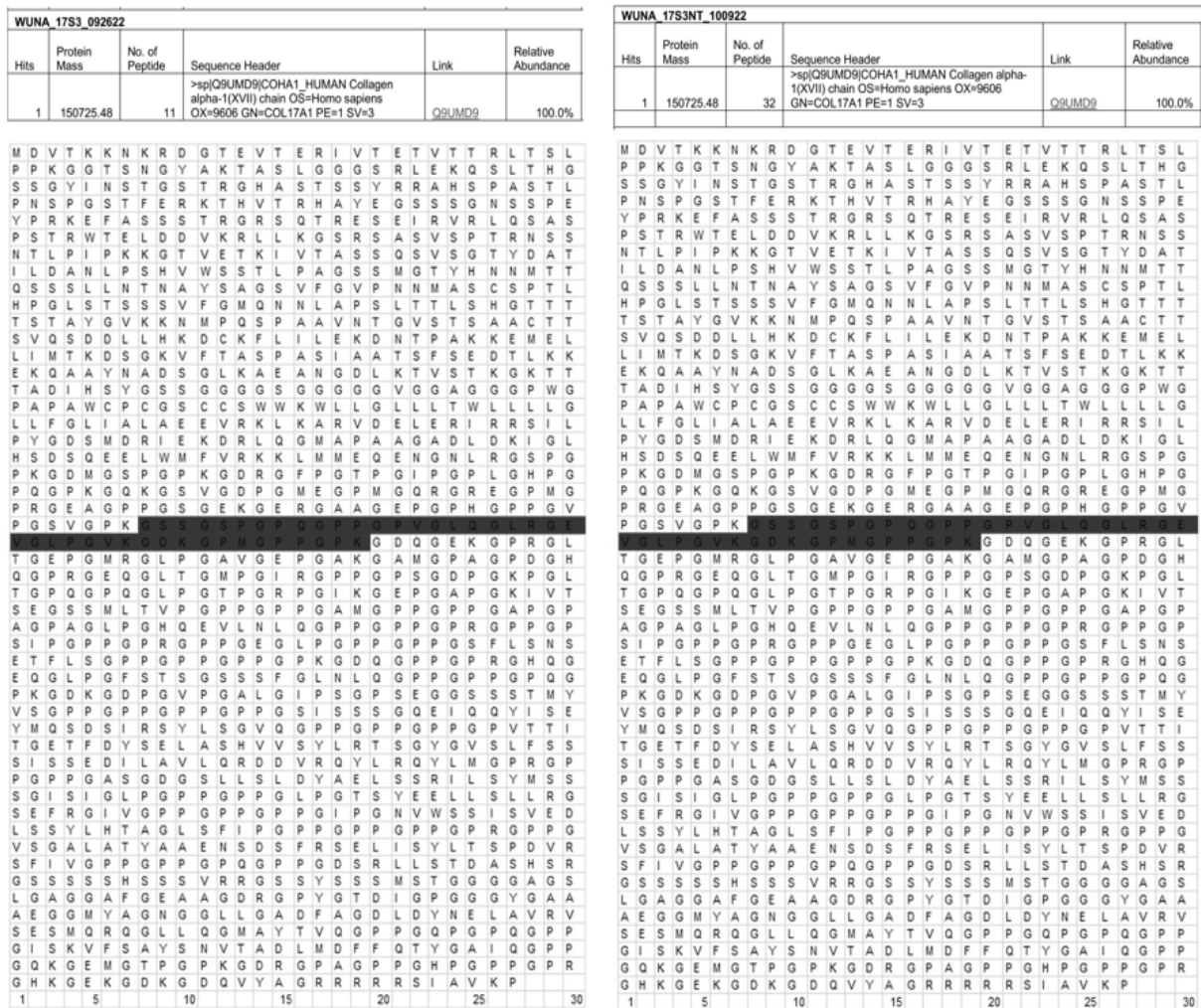


FIG. 10



FIG. 11



FIG. 12



FIG. 13



FIG. 14

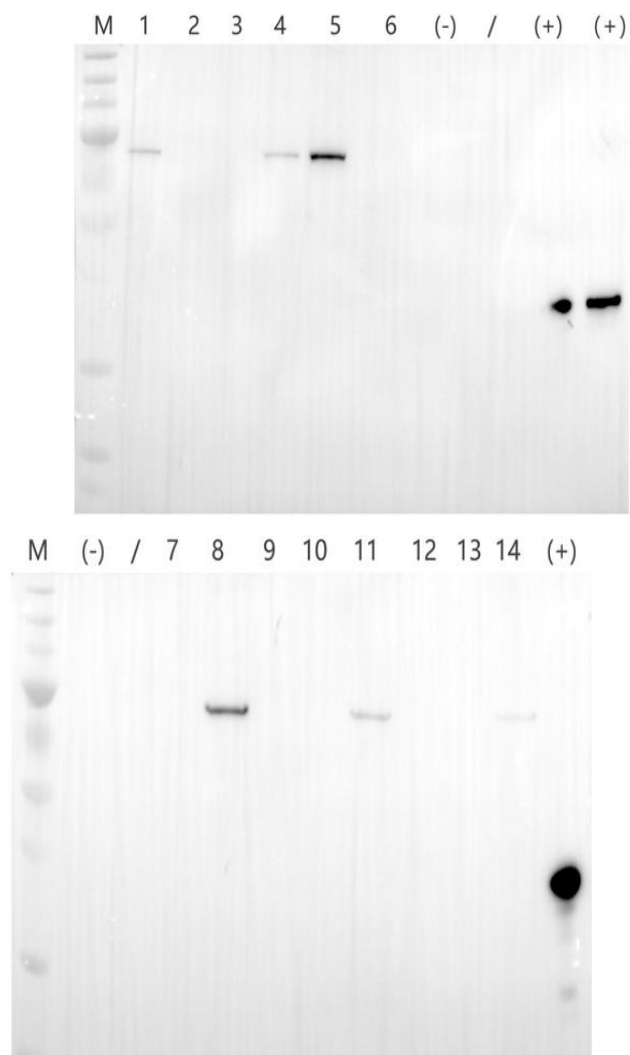


FIG. 15

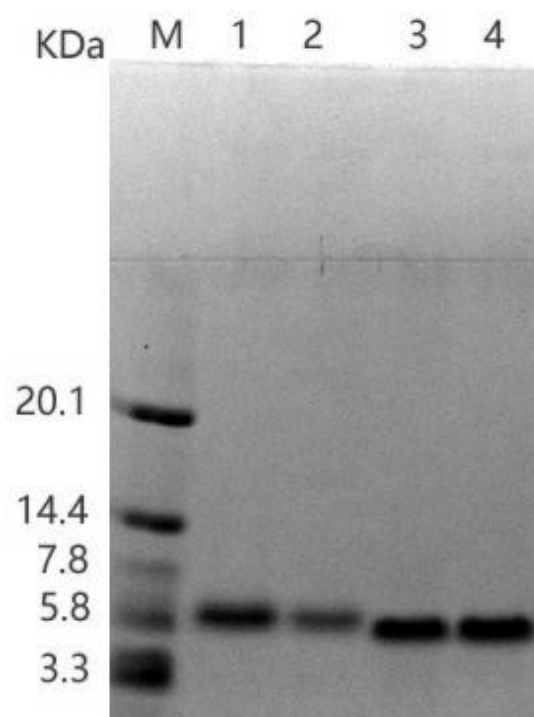


FIG. 16

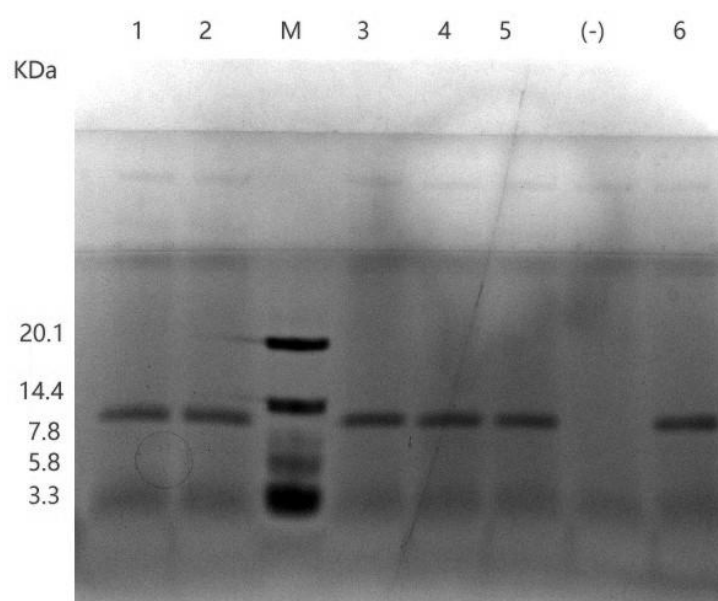


FIG. 17

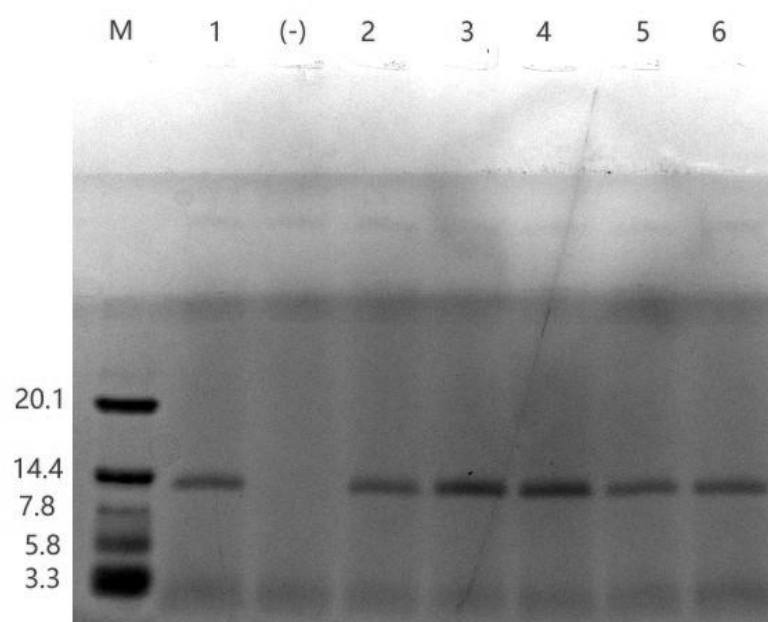


FIG. 18

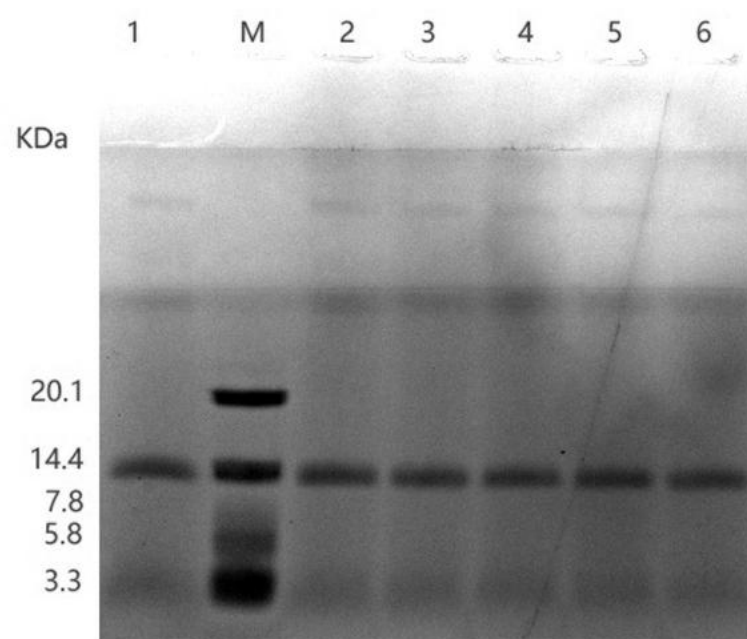


FIG. 19

WUNA_3A5D29N_092622					
Hits	Protein Mass	No. of Peptide	Sequence Header	Link	Relative Abundance
1	139733.63	16	>sp P02461 CO3A1_HUMAN Collagen alpha-1(III) chain OS=Homo sapiens OX=9606 GN=COL3A1 PE=1 SV=4	P02461	100.0%
M M S F V Q K G S W L L L A L L H P T I I L A Q Q E A V E G G C S H L G Q S Y A D R D V W K P E P C Q I C V C D S G S V L C D D I I C D D Q E L D C P N P E I P F G E C C A V C P Q P P T A P T R P P N G Q Q P Q G P K G D P G P P G I P G R N G D P G I P G Q P G S P G S P G P P G I C E S C P T G P Q N Y S P Q Y D S Y D V K S G V A V G G L A G Y P G P A G P P G P P G P P G T S G H P G S P G S P G Y Q G P P G E P G Q A G P S G P P G P P G A I G P S G P A G K D G E S G R P G R P G E R G L P G P P G I K G P A G I P G F P G M K G H R G F D G R N G E K G E T G A P G L K G E N G L P G E N G A P G P M G P R G A P G E R G R P G L P G A A G A R G N D G A R G S D G Q P G P P G P P G T A G F P G S P G A K G E V G P A G S P G S N G A P G Q R G E P G P Q G H A G A Q G P P G P P G I N G S P G G K G E M G P A G I P G A P G L M G A R G P P G P A G A N G A P G L R G G A G E P G K N G A K G E P G P R G E R G E A G I P G V P G A K G E D G K D G S P G E P G A N G L P G A A G E R G A P G F R G P A G P N G I P G E K G P A G E R G A P G P A G P R G A A G E P G R D G V P G G P G M R G M P G S P G G P G S D G K P G P P G S Q G E S G R P G P P G P S G P R G Q P G V M G F P G P K G N D G A P G K N G E R G G P G G P G P G P G P G K N G E T G P Q G P P G P T G P G G D K G D T G P P G P Q G L Q G L P G T G G P P G E N G K P G E P G P K G D A G A P G A P G G K G D A G A P G E R G P P G L A G A P G L R G G A G P P G P E G G K G A A G P P G P P G A A G T P G L Q G M P G E R G G L G S P G P K G D K K E P G G P G A D G V P G K D G P R G P T G P I G P P G P A G Q P G D K G E G G A P G L P G I A G P R G S P G E R G E T G P P G P A G F P G A P G Q N G E P G G K G E R G A P G E K G E G G P P G V A G P P G G S G P A G P P G P Q G V K G E R G S P G G P G A A G F P G A R G L P G P P G S N G N P G P P G P S G S P G K D G P P G P A G N T G A P G S P G V S G P K G D A G Q P G E K G S P G A Q G P P G A P G P L G I A G I T G A R G L A G P P G M P G P R G S P G P Q G V K G E S G K P G A N G L S G E R G P P G P Q G L P G L A G T A G E P G R D G N P G S D G L P G R D G S P G G K G D R G E N G S P G A P G A P G H P G P P G P V G P A G K S G D R G E S G P A G P A G A P G P A G S R G A P G P Q G P R G D K G E T G E R G A A G I K G H R G F P G N P G A P G S P G P A G Q Q G A I G S P G P A G P R G P V G P S G P P G K D G T S G H P G P I G P P G P R G N R G E R G S E G S P G H P G Q P G P P G P P G A P G P C C G G V G A A A I A G I G G E K A G G F A P Y Y G D E P M D F K I N T D E I M T S L K S V N G Q I E S L I S P D G S R K N P A R N C R D L K F C H P E L K S G E Y W V D P N Q G C K L D A I K V F C N M E T G E T C I S A N P L N V P R K H W W T D S S A E K K H V W F G E S M D G G F Q F S Y G N P E L P E D V L D V H L A F L R L L S S R A S Q N I T Y H C K N S I A Y M D Q A S G N V K K A L K L M G S N E G E F K A E G N S K F T Y T V L E D G C T K H T G E W S K T V F E Y R T R K A V R L P I V D I A P Y D I G G P D Q E F G V D V G P V C F L					
1	5	10	15	20	25
30					

WUNA_3A5D15D_100922					
Hits	Protein Mass	No. of Peptide	Sequence Header	Link	Relative Abundance
1	139733.63	69	>sp P02461 CO3A1_HUMAN Collagen alpha-1(III) chain OS=Homo sapiens OX=9606 GN=COL3A1 PE=1 SV=4	P02461	100.0%
M M S F V Q K G S W L L L A L L H P T I I L A Q Q E A V E G G C S H L G Q S Y A D R D V W K P E P C Q I C V C D S G S V L C D D I I C D D Q E L D C P N P E I P F G E C C A V C P Q P P T A P T R P P N G Q Q P Q G P K G D P G P P G I P G R N G D P G I P G Q P G S P G S P G P P G I C E S C P T G P Q N Y S P Q Y D S Y D V K S G V A V G G L A G Y P G P A G P P G P P G P P G T S G H P G S P G S P G Y Q G P P G E P G Q A G P S G P P G P P G A I G P S G P A G K D G E S G R P G R P G E R G L P G P P G I K G P A G I P G F P G M K G H R G F D G R N G E K G E T G A P G L K G E N G L P G E N G A P G P M G P R G A P G E R G R P G L P G A A G A R G N D G A R G S D G Q P G P P G P P G T A G F P G S P G A K G E V G P A G S P G S N G A P G Q R G E P G P Q G H A G A Q G P P G P P G I N G S P G G K G E M G P A G I P G A P G L M G A R G P P G P A G A N G A P G L R G G A G E P G K N G A K G E P G P R G E R G E A G I P G V P G A K G E D G K D G S P G E P G A N G L P G A A G E R G A P G F R G P A G P N G I P G E K G P A G E R G A P G P A G P R G A A G E P G R D G V P G G P G M R G M P G S P G G P G S D G K P G P P G S Q G E S G R P G P P G P S G P R G Q P G V M G F P G P K G N D G A P G K N G E R G G P G G P G P G P G P G K N G E T G P Q G P P G P T G P G G D K G D T G P P G P Q G L Q G L P G T G G P P G E N G K P G E P G P K G D A G A P G A P G G K G D A G A P G E R G P P G L A G A P G L R G G A G P P G P E G G K G A A G P P G P P G A A G T P G L Q G M P G E R G G L G S P G P K G D K K E P G G P G A D G V P G K D G P R G P T G P I G P P G P A G Q P G D K G E G G A P G L P G I A G P R G S P G E R G E T G P P G P A G F P G A P G Q N G E P G G K G E R G A P G E K G E G G P P G V A G P P G G S G P A G P P G P Q G V K G E R G S P G G P G A A G F P G A R G L P G P P G S N G N P G P P G P S G S P G K D G P P G P A G N T G A P G S P G V S G P K G D A G Q P G E K G S P G A Q G P P G A P G P L G I A G I T G A R G L A G P P G M P G P R G S P G P Q G V K G E S G K P G A N G L S G E R G P P G P Q G L P G L A G T A G E P G R D G N P G S D G L P G R D G S P G G K G D R G E N G S P G A P G A P G H P G P P G P V G P A G K S G D R G E S G P A G P A G A P G P A G S R G A P G P Q G P R G D K G E T G E R G A A G I K G H R G F P G N P G A P G S P G P A G Q Q G A I G S P G P A G P R G P V G P S G P P G K D G T S G H P G P I G P P G P R G N R G E R G S E G S P G H P G Q P G P P G P P G A P G P C C G G V G A A A I A G I G G E K A G G F A P Y Y G D E P M D F K I N T D E I M T S L K S V N G Q I E S L I S P D G S R K N P A R N C R D L K F C H P E L K S G E Y W V D P N Q G C K L D A I K V F C N M E T G E T C I S A N P L N V P R K H W W T D S S A E K K H V W F G E S M D G G F Q F S Y G N P E L P E D V L D V H L A F L R L L S S R A S Q N I T Y H C K N S I A Y M D Q A S G N V K K A L K L M G S N E G E F K A E G N S K F T Y T V L E D G C T K H T G E W S K T V F E Y R T R K A V R L P I V D I A P Y D I G G P D Q E F G V D V G P V C F L					
1	5	10	15	20	25
30					

FIG. 20

WUNA 17S28_092622					
Hits	Protein Mass	No. of Peptide	Sequence Header	Link	Relative Abundance
1	150725.48	16	>sp Q9UMD9(COHA1_HUMAN Collagen alpha-1(XVII) chain OS=Homo sapiens OX=9606 GN=COL17A1 PE=1 SV=3	Q9UMD9	100.0%
MDVTKKKNKRDGTEVTERIVTETVTTRRLTSL PPKGGTSTNGYAKTASLGGGSRLEKQSLTHG SSGYINSTGSTTRGHASTSSYRRAHSPASTL PNSPGSTFERKTHVTRHAYEGSSSGNSSPE YPRKEFASSSTRGRSQTRESEIRVRLQSAS PSTRWTELDDEVKRLCLKGSRSSASVSPTRNSS NTLPIPKKGTVEVKIVTASSQSVSGTYDAT ILDANLP SHVWSSTLPAGSSMGT YHNNMTT QSSSL LNTNAYSAGSVFGV PNNMASCSPTL HPGLSTSSSVFGMQNNLAPSLTTL SHGTTT TSTAYGVKKNM P QSPAAVNTGVSTSAACTT SVQSDDDLHKDKCKFLILEKDNTPAKKEMEL LIMTKDSGKVFTASPAASIAATSFSEDTLKK EKQAAAYNADSGLKAEEANGD LKT VSTKGKTT TADIHSY GSSGGGGSGGGGGVGGAGGGPWG PAPAWCP CGSCCSWKKWLLGLLLTWL LLLG LLFGLIALAE E VRK L KARVDELE RIRRSIL PYGDSMDRIEKDR LQGMAPAAGADLDKIGL HSDSQEELWMFVVRKKLMMEQENGNLRGSPG PKGDMGSPGP KGD RGFP GTPGIPG PLGHPG PQGPKGQKGSVGD PGM EGP M GQRGR EGPMG PRGEAGPPGSGEKG ERGAAGEPGPHGPPGV PGSVGPKGSSSGSPGPQGPPG P VGLQLRGE VGLPGVKGDKGPMGP PGP K GDQGEK GPRGL TGEPMRGLPGGAVGEPGAKGAMGPA GPDGH QGPRGEQGLTGMPGI RGP PGPSPGDP GKPG L TGPQGPQGLPGTPGRPGIKGEPA GPKIVT SEGSSMLTVPGPPGPPGAMGPPGPPGAPGP AGPAGLP GHQEVLNLQGGPPGPPGPRGPPGP SIPGPPGPRGP PGEGLPGPPGPPGSGFLSNS ETFLSGPPGPPGPPGPKGDQGGPPGRGHQG EQGLPGFSTSGSSSFGLNLQGGPPGPPGPGQ PKGDKGDPPGVPGALGIPSGPSEGGSSSTMY VSGPPGPPGPPGPPGSGISSSSGQEIQQYISE YMQSDSIRSYLSGVQGGPPGPPGPPGPTTI TGETFDYSELASHVVSYLRTSGYGVSLFSS SISSEDI L AVLQRDDVRQYL RQYLMGPRGP PGPPGASGDGSLLSLDYAE LSSRILSYMSS SGISIGLP GP PGPGLPGT SYEELL SLLRG SEFRGIVGPPGPPGPPGPIPGNVWSSI SVED LSSYLHTAGLSFIPGPPGPPGPPGPRGPPG VSGALATYAAENSDSFRSELISYLTSPDVR SFI V GPPGPPGPPGPPGPDGSRLLSTDASHSR GSSSSSHSSSVRRGSSSYSSSMSTGGGGA GS LGAGGA FGEAAGDRGPGYGTDIGPGGGYGAA AEGGMYAGNGGLLGADFA GDLDYNE LA VRV SESMQRQGLLQGMAYTVQGP PGQPGPQGP GISKVFSAYS NVTADLMDFFQTYGAIQGPP GQKGE MGT PGPKGDRGPAGPPGHGPPGPR GHKGEKGDKG DQVYAGRRRRRRSIAVKP 151015202530					

WUNA 17S1N6_100922					
Hits	Protein Mass	No. of Peptide	Sequence Header	Link	Relative Abundance
1	150725.48	37	>sp Q9UMD9(COHA1_HUMAN Collagen alpha-1(XVII) chain OS=Homo sapiens OX=9606 GN=COL17A1 PE=1 SV=3	Q9UMD9	100.0%
MDVTKKKNKRDGTEVTERIVTETVTTRRLTSL PPKGGTSTNGYAKTASLGGGSRLEKQSLTHG SSGYINSTGSTTRGHASTSSYRRAHSPASTL PNSPGSTFERKTHVTRHAYEGSSSGNSSPE YPRKEFASSSTRGRSQTRESEIRVRLQSAS PSTRWTELDDEVKRLCLKGSRSSASVSPTRNSS NTLPIPKKGTVEVKIVTASSQSVSGTYDAT ILDANLP SHVWSSTLPAGSSMGT YHNNMTT QSSSL LNTNAYSAGSVFGV PNNMASCSPTL HPGLSTSSSVFGMQNNLAPSLTTL SHGTTT TSTAYGVKKNM P QSPAAVNTGVSTSAACTT SVQSDDDLHKDKCKFLILEKDNTPAKKEMEL LIMTKDSGKVFTASPAASIAATSFSEDTLKK EKQAAAYNADSGLKAEEANGD LKT VSTKGKTT TADIHSY GSSGGGGSGGGGGVGGAGGGPWG PAPAWCP CGSCCSWKKWLLGLLLTWL LLLG LLFGLIALAE E VRK L KARVDELE RIRRSIL PYGDSMDRIEKDR LQGMAPAAGADLDKIGL HSDSQEELWMFVVRKKLMMEQENGNLRGSPG PKGDMGSPGP KGD RGFP GTPGIPG PLGHPG PQGPKGQKGSVGD PGM EGP M GQRGR EGPMG PRGEAGPPGSGEKG ERGAAGEPGPHGPPGV PGSVGPKGSSSGSPGPQGPPG P VGLQLRGE VGLPGVKGDKGPMGP PGP K GDQGEK GPRGL TGEPMRGLPGGAVGEPGAKGAMGPA GPDGH QGPRGEQGLTGMPGI RGP PGPSPGDP GKPG L TGPQGPQGLPGTPGRPGIKGEPA GPKIVT SEGSSMLTVPGPPGPPGAMGPPGPPGAPGP AGPAGLP GHQEVLNLQGGPPGPPGPRGPPGP SIPGPPGPRGP PGEGLPGPPGPPGSGFLSNS ETFLSGPPGPPGPPGPKGDQGGPPGRGHQG EQGLPGFSTSGSSSFGLNLQGGPPGPPGPGQ PKGDKGDPPGVPGALGIPSGPSEGGSSSTMY VSGPPGPPGPPGPPGSGISSSSGQEIQQYISE YMQSDSIRSYLSGVQGGPPGPPGPPGPTTI TGETFDYSELASHVVSYLRTSGYGVSLFSS SISSEDI L AVLQRDDVRQYL RQYLMGPRGP PGPPGASGDGSLLSLDYAE LSSRILSYMSS SGISIGLP GP PGPGLPGT SYEELL SLLRG SEFRGIVGPPGPPGPPGPIPGNVWSSI SVED LSSYLHTAGLSFIPGPPGPPGPPGPRGPPG VSGALATYAAENSDSFRSELISYLTSPDVR SFI V GPPGPPGPPGPPGPDGSRLLSTDASHSR GSSSSSHSSSVRRGSSSYSSSMSTGGGGA GS LGAGGA FGEAAGDRGPGYGTDIGPGGGYGAA AEGGMYAGNGGLLGADFA GDLDYNE LA VRV SESMQRQGLLQGMAYTVQGP PGQPGPQGP GISKVFSAYS NVTADLMDFFQTYGAIQGPP GQKGE MGT PGPKGDRGPAGPPGHGPPGPR GHKGEKGDKG DQVYAGRRRRRRSIAVKP 151015202530					

FIG. 21

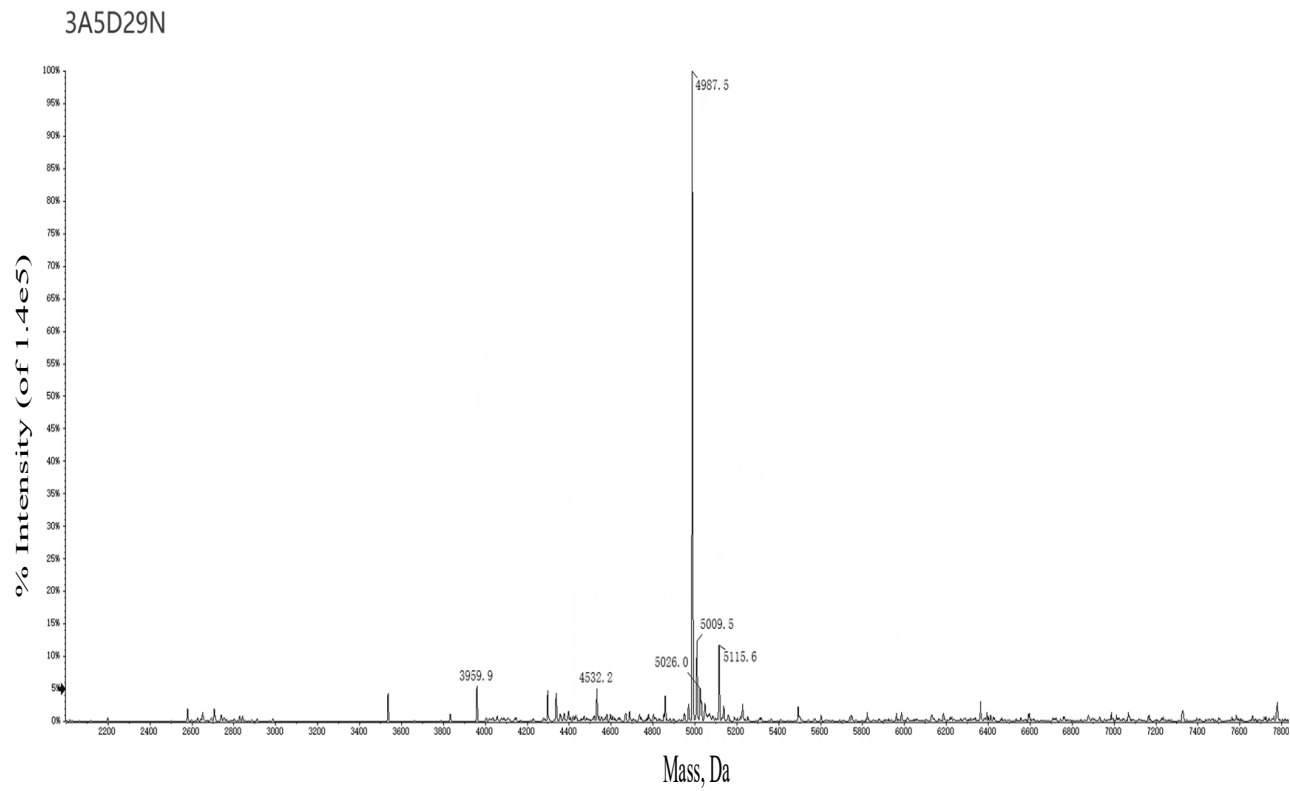
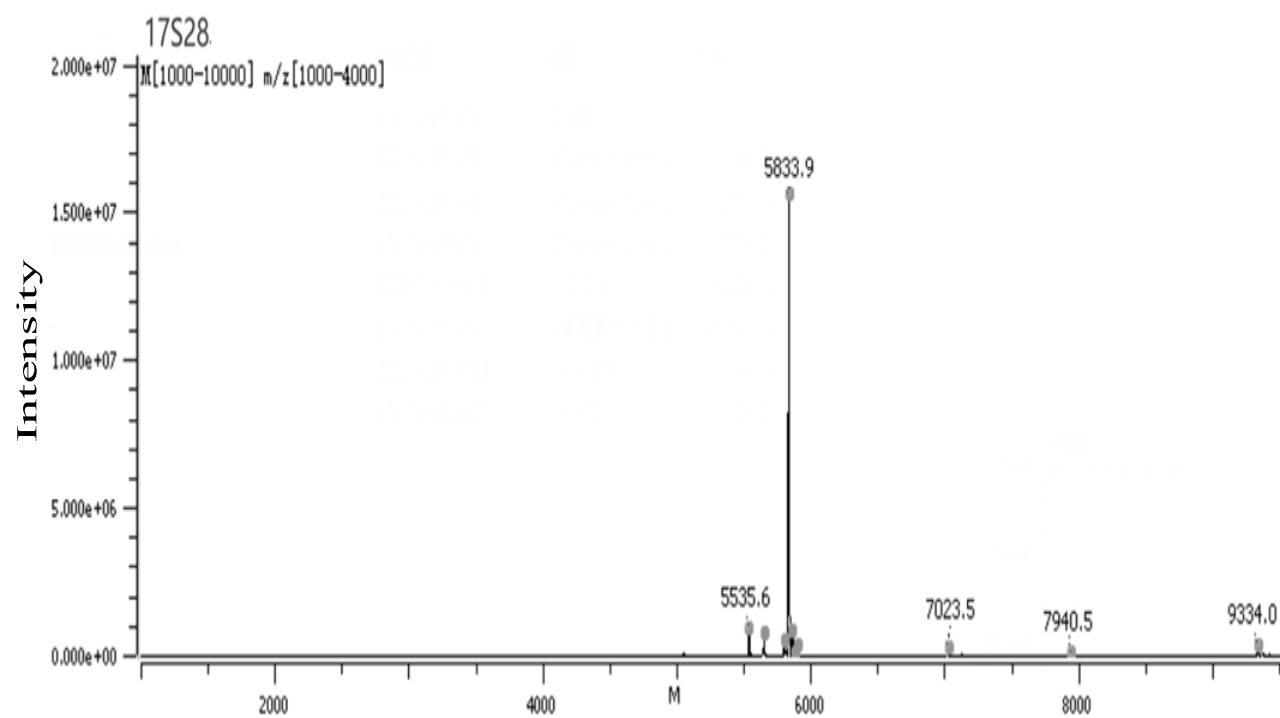
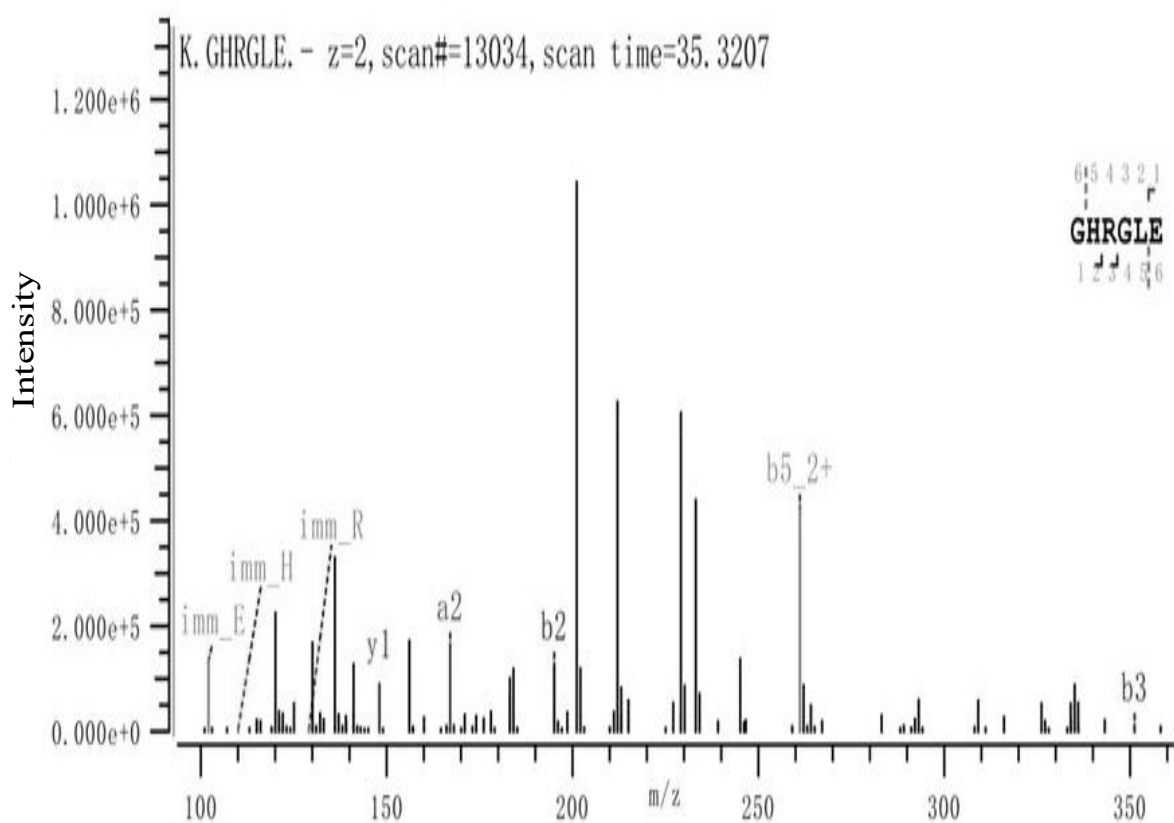


FIG. 22

3A5D29N-HCPB-C-Term



3A5D29N-RCPB-C-Term

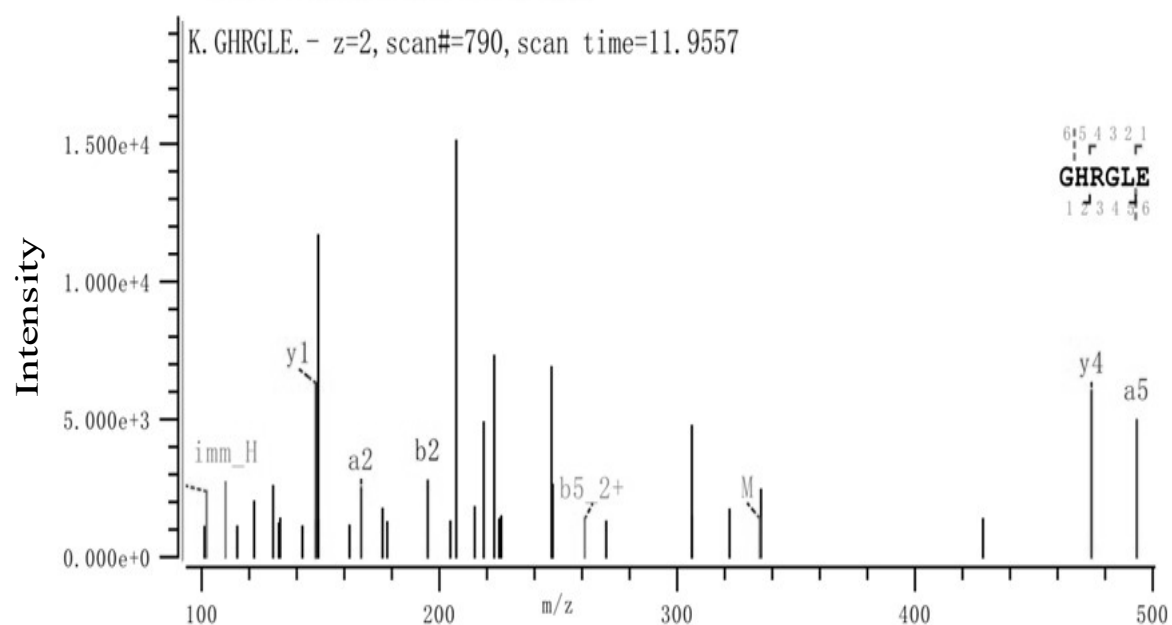


FIG. 23

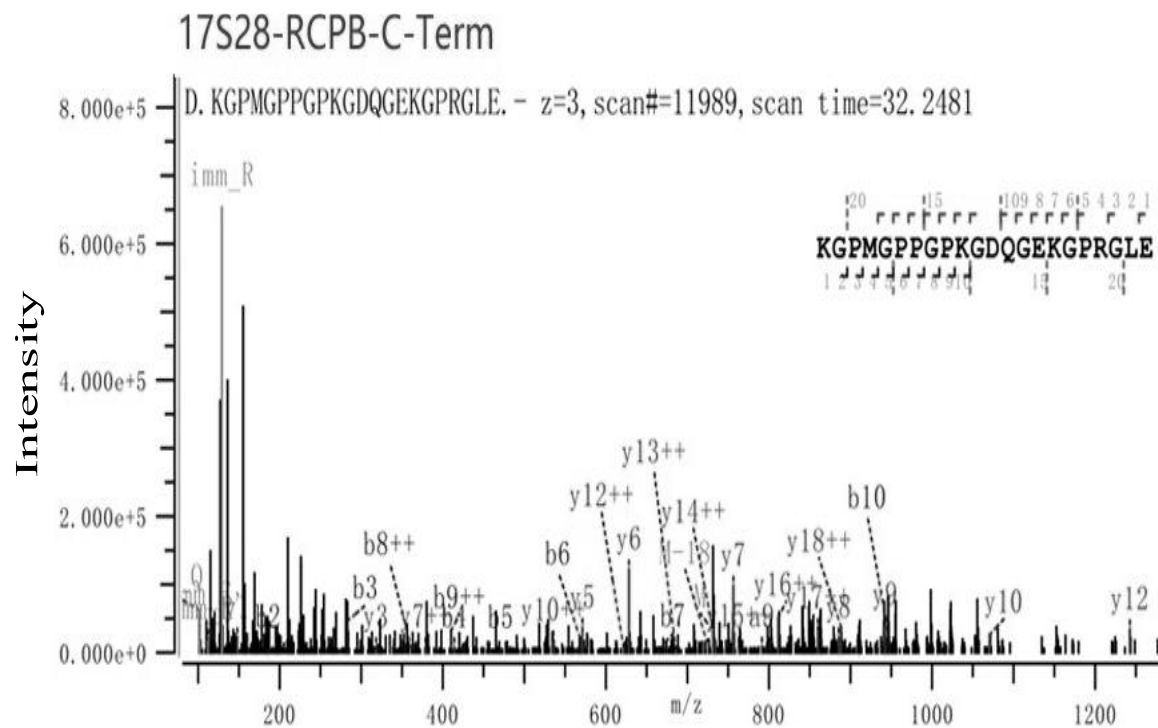
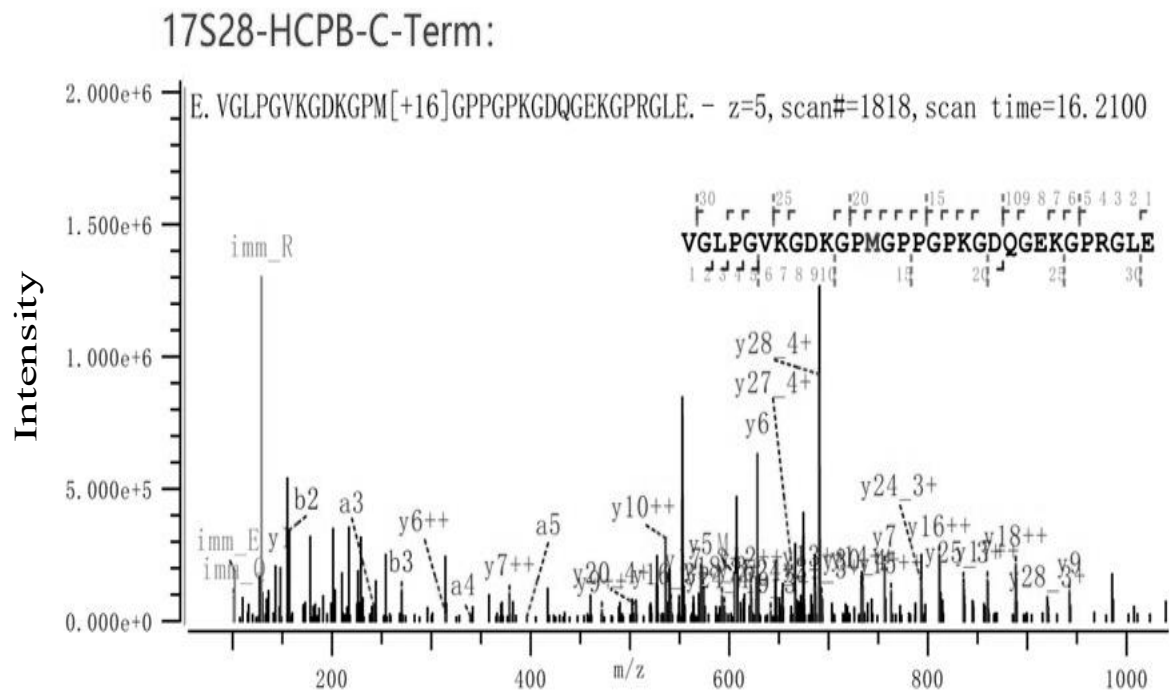


FIG. 24

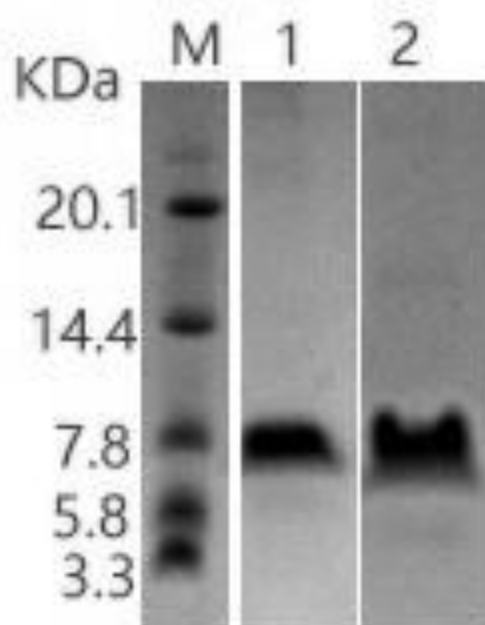


FIG. 25

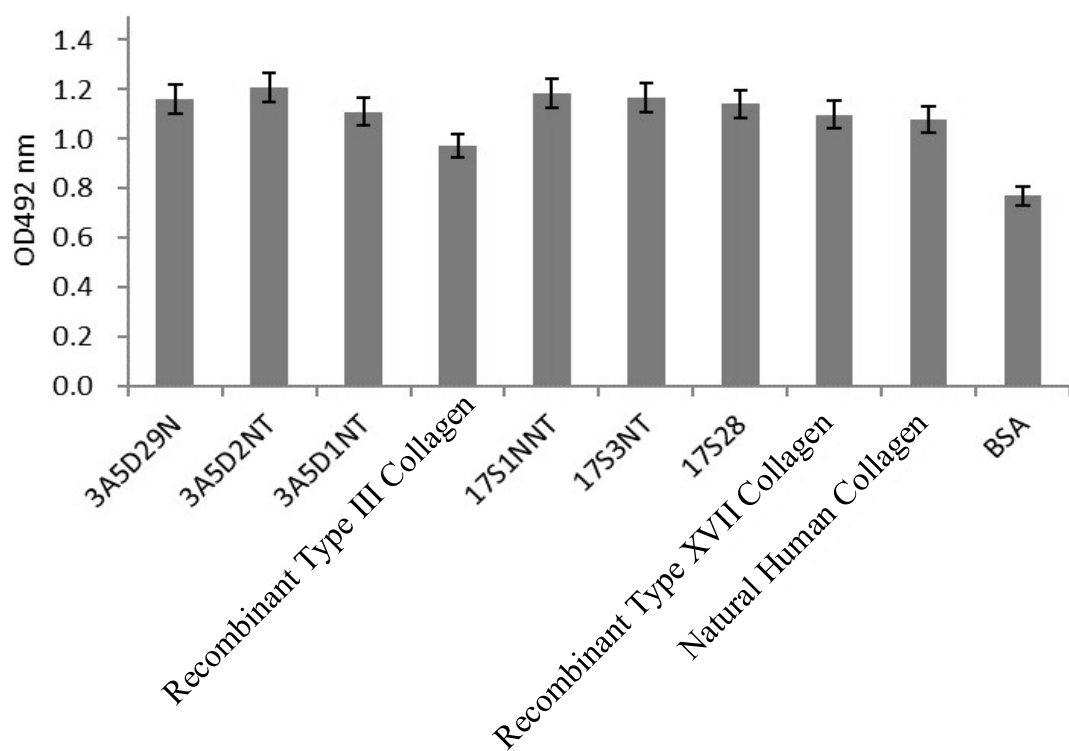


FIG. 26

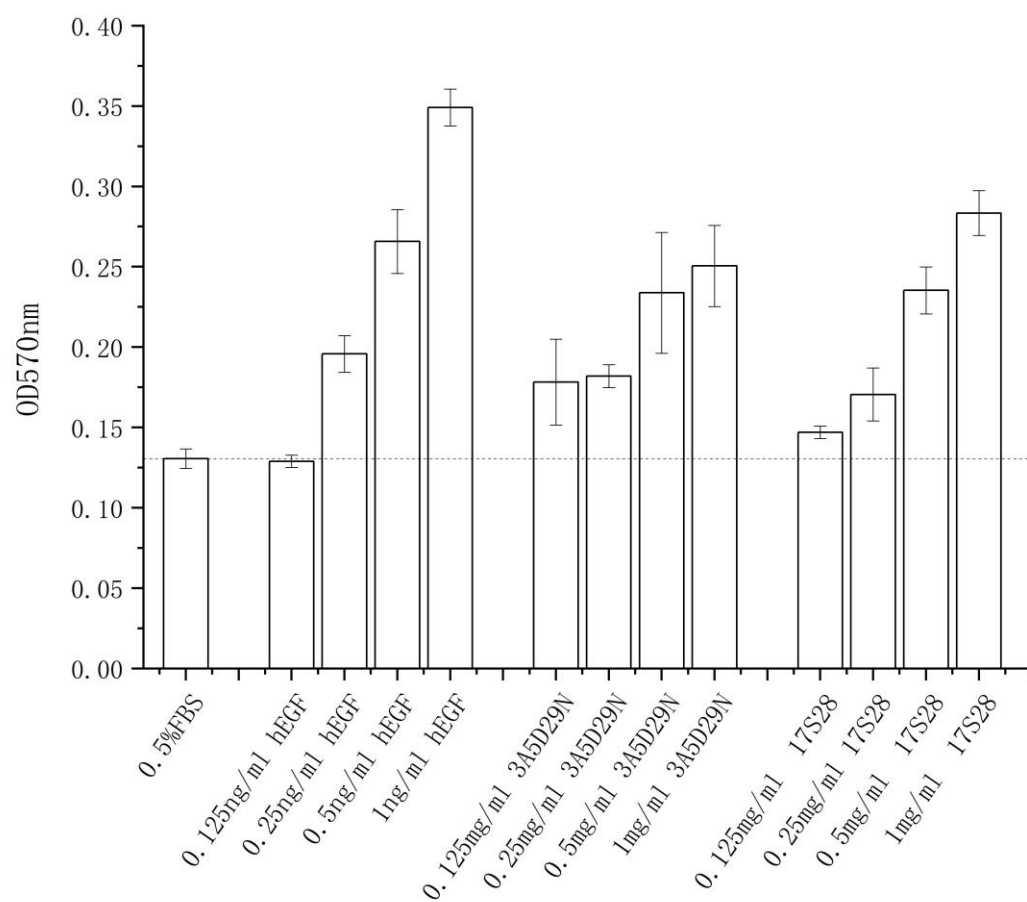


FIG. 27

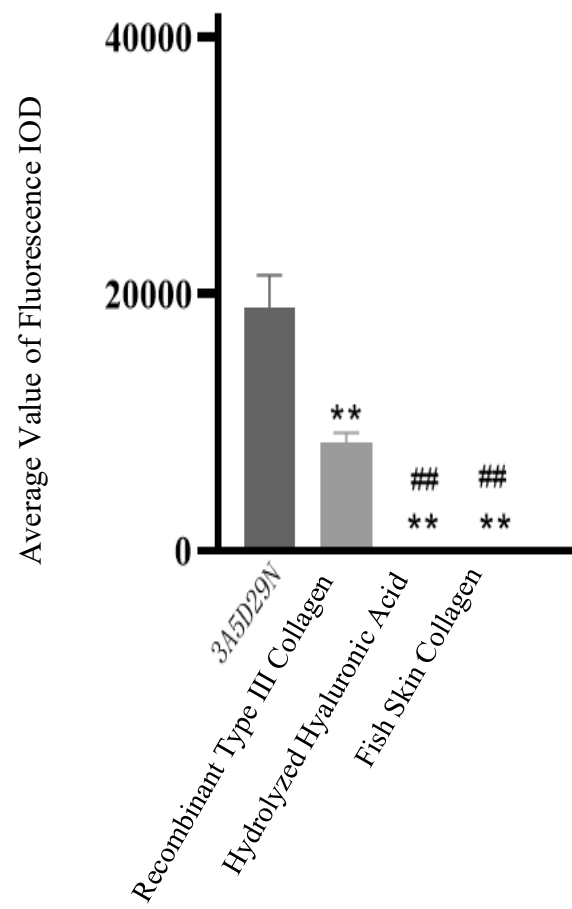


FIG. 28

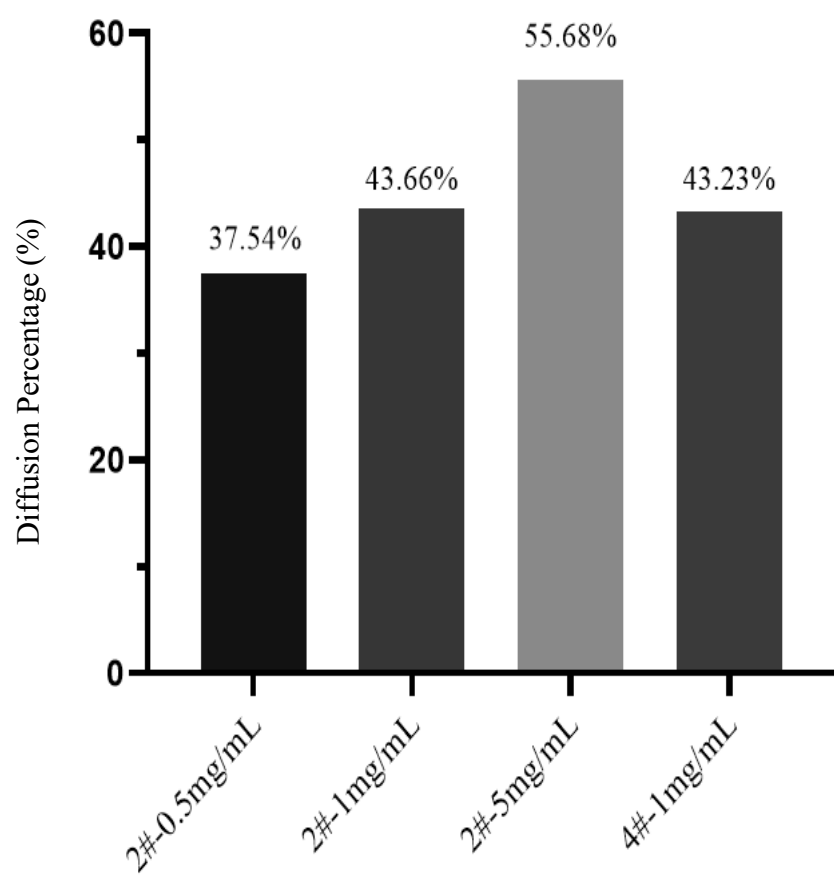


FIG. 29