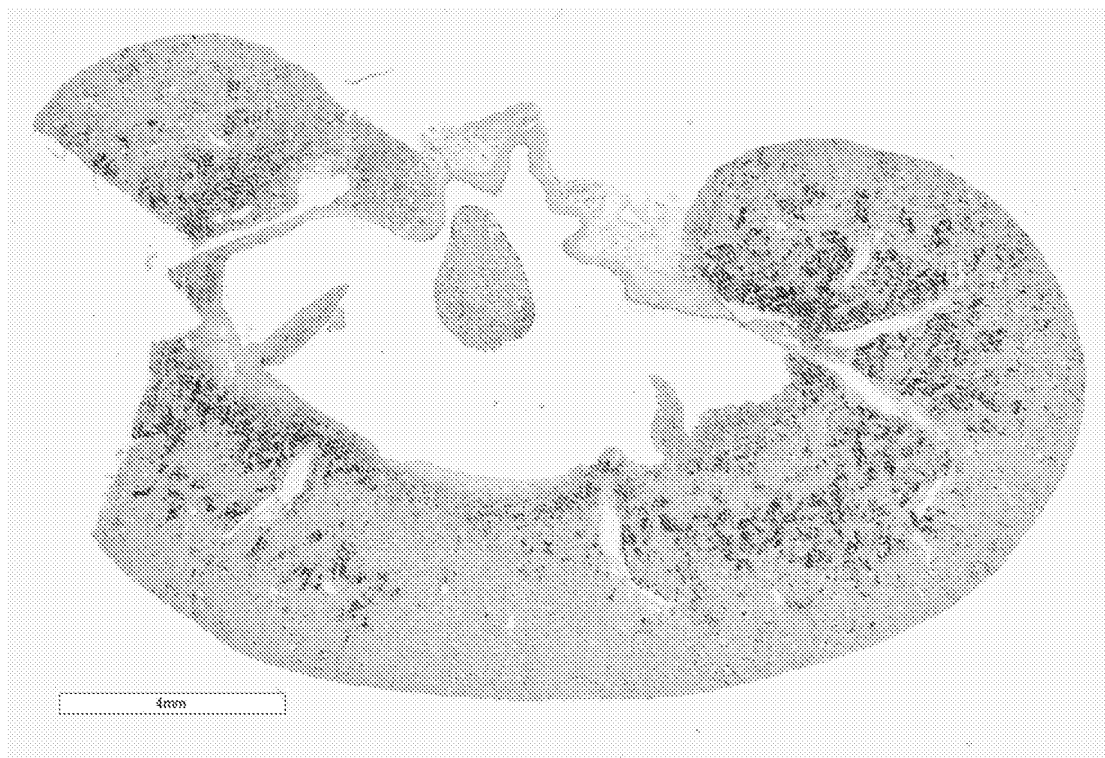


Library exposed left kidney



Unexposed right kidney

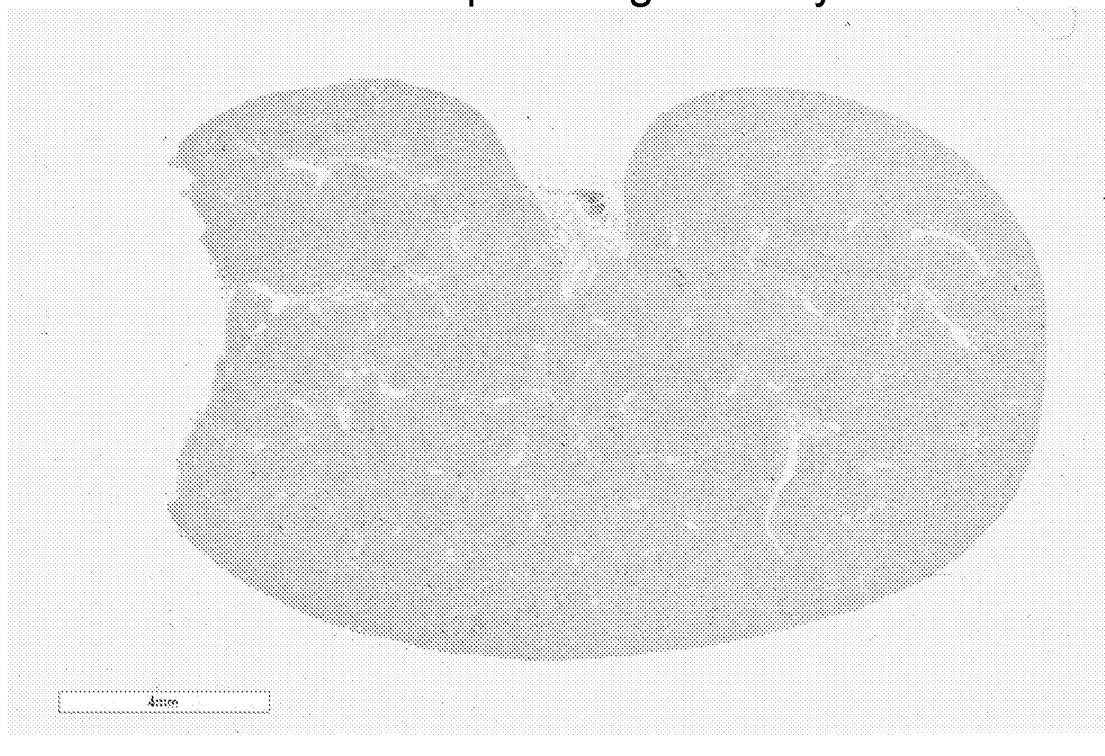


Fig. 1

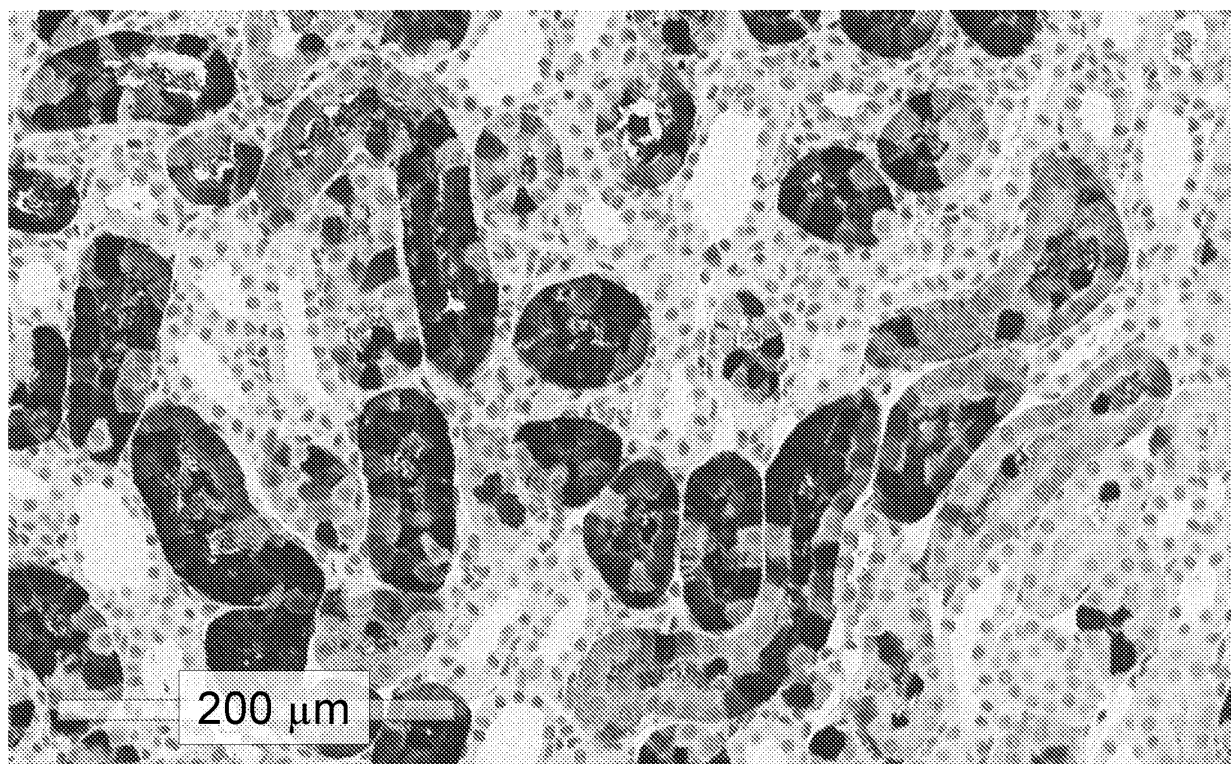
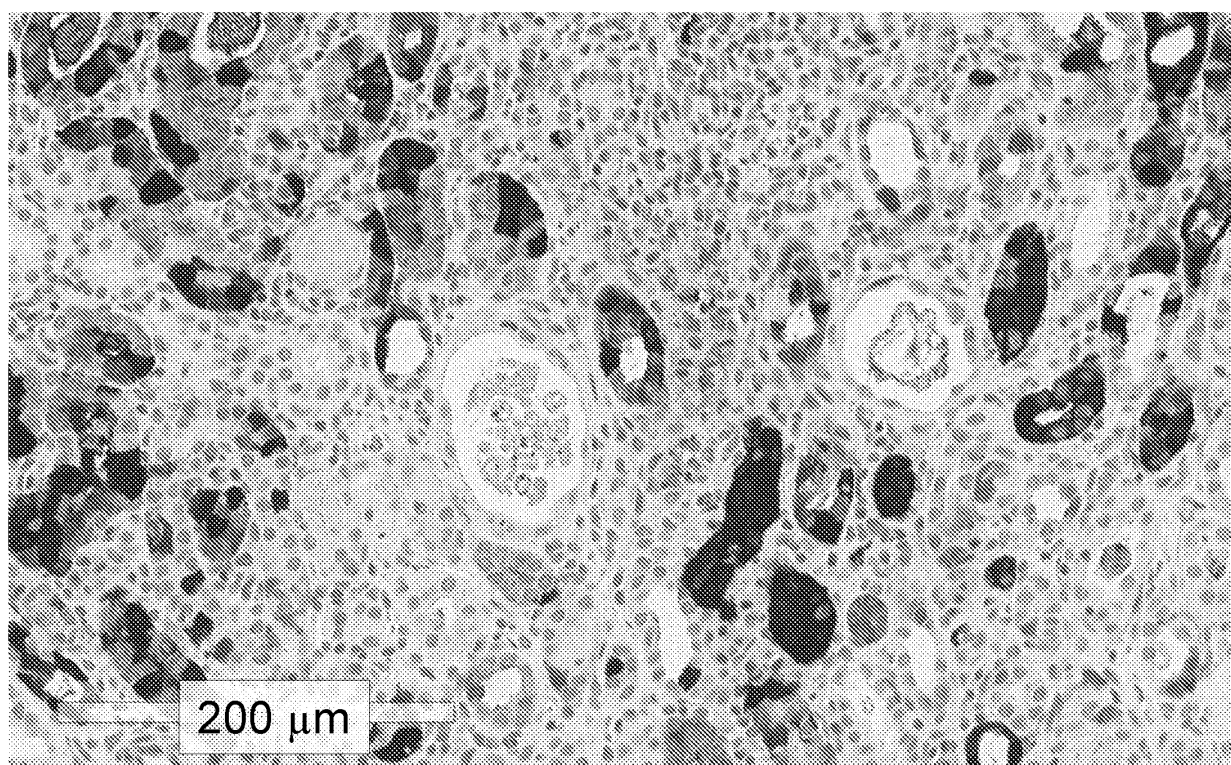


Fig. 2

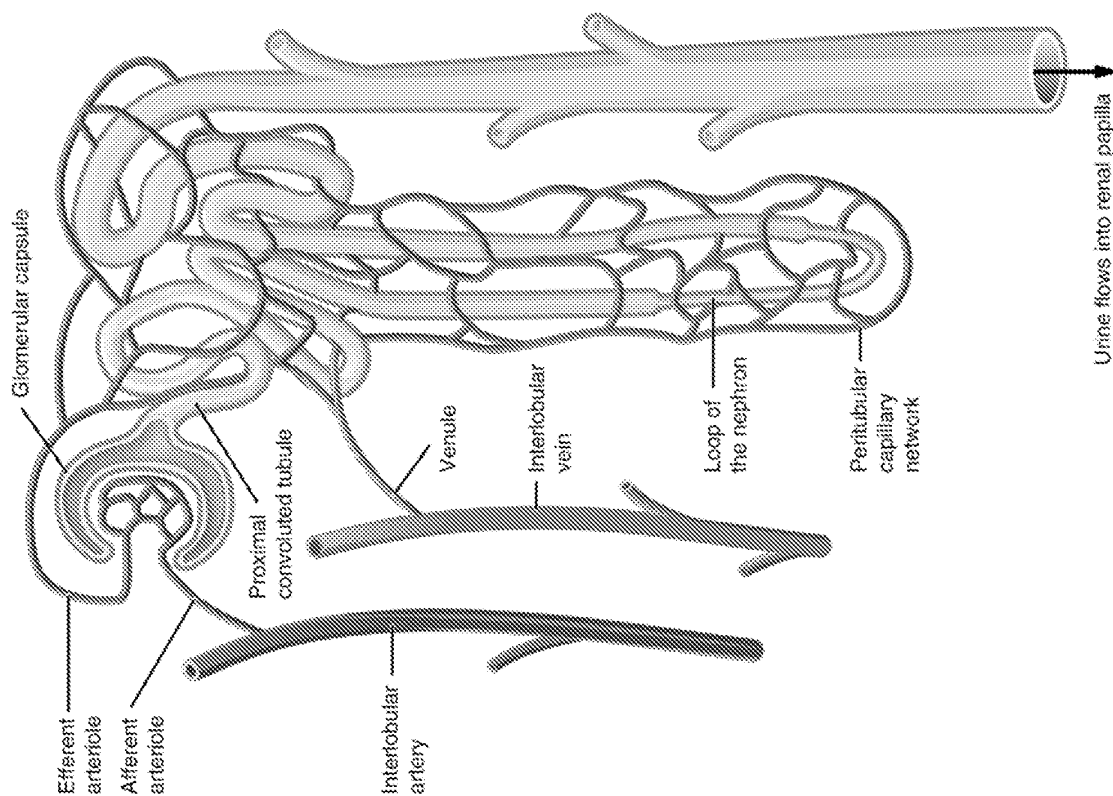
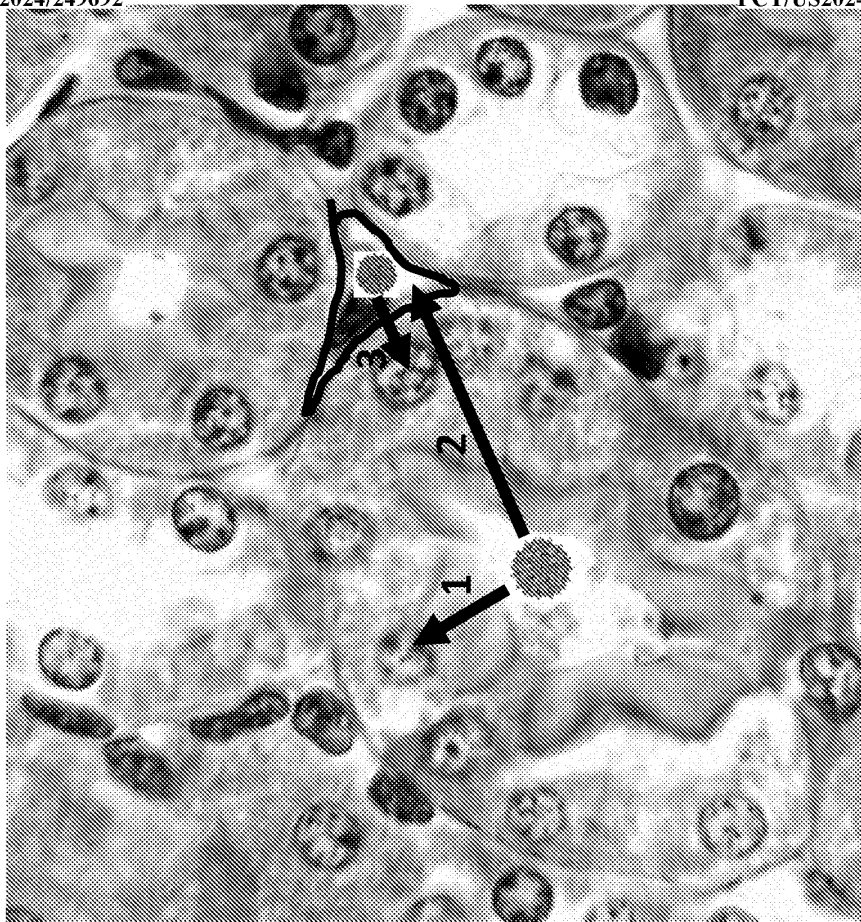


Fig. 3



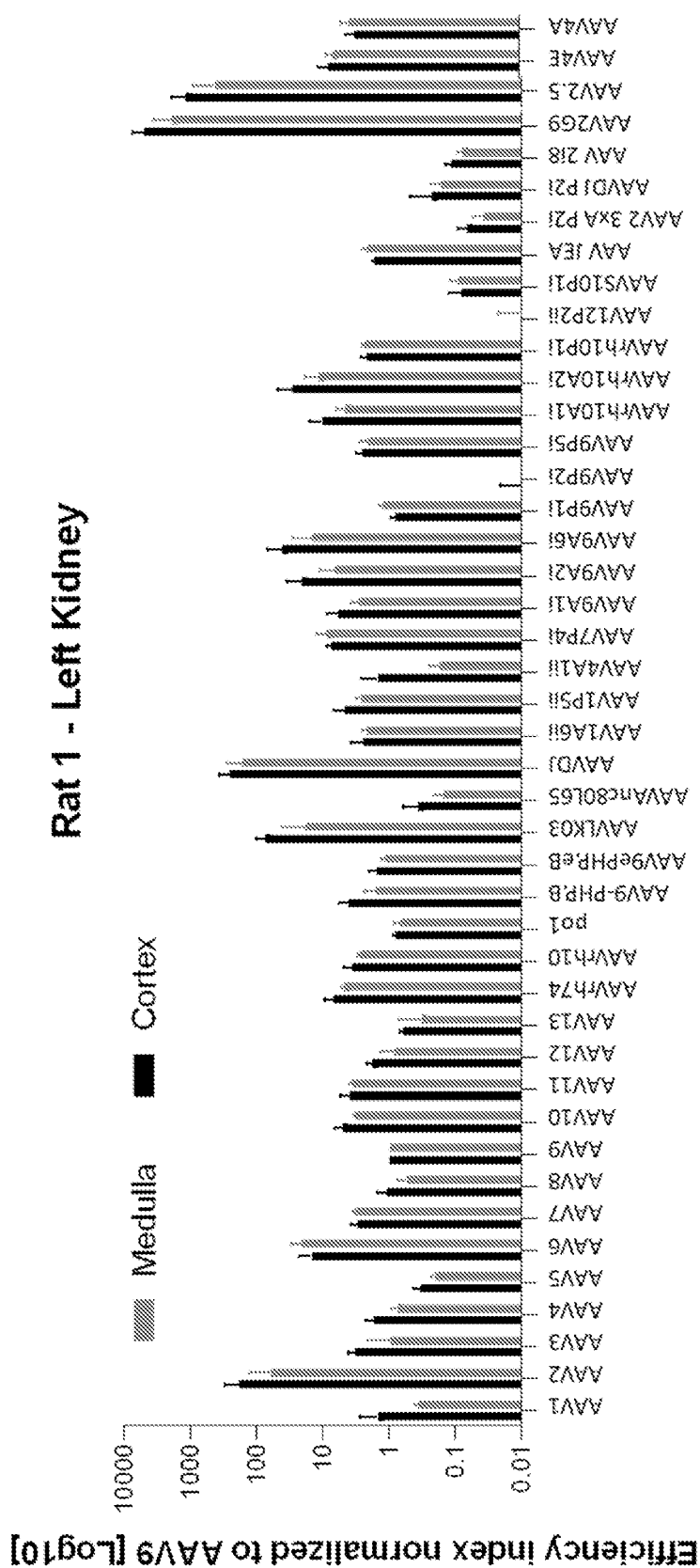


Fig. 4

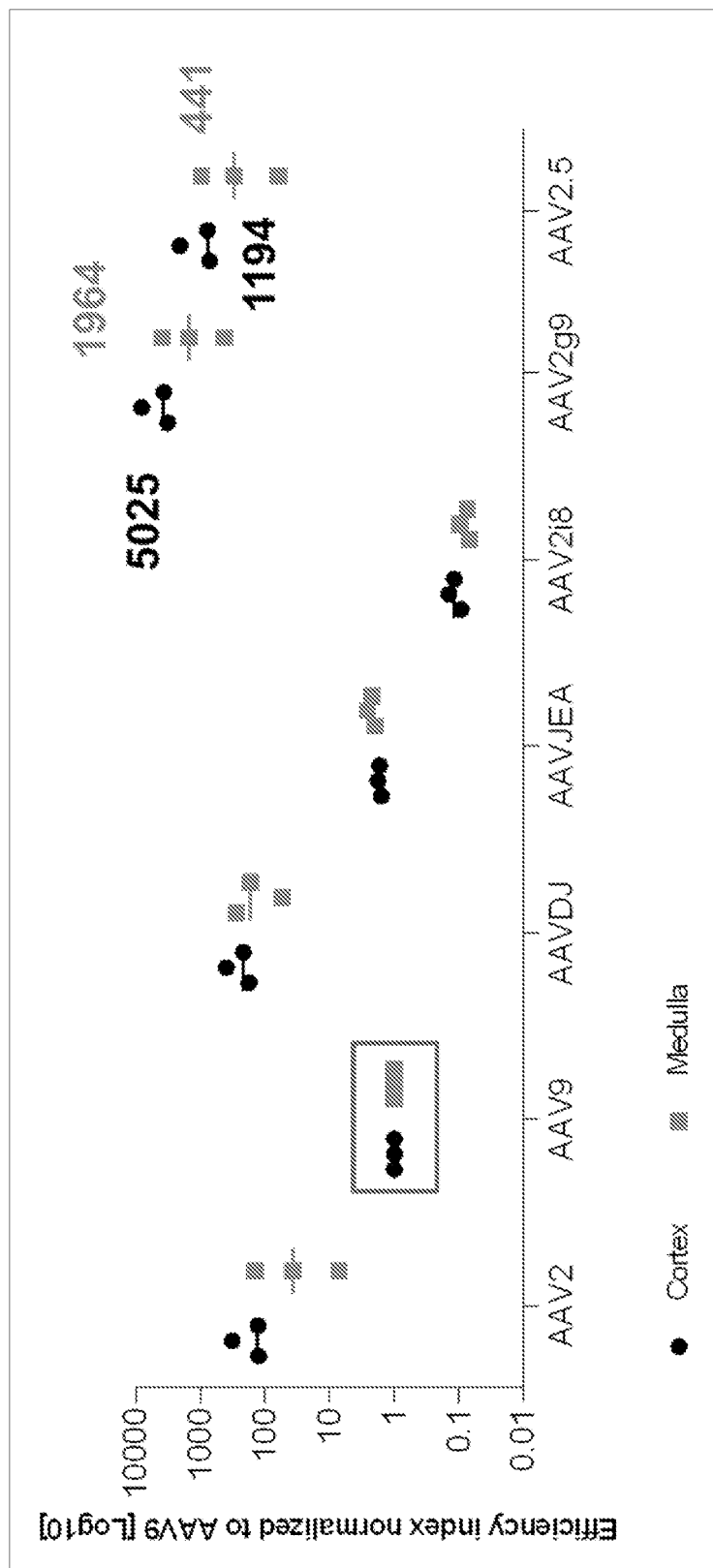


Fig. 5

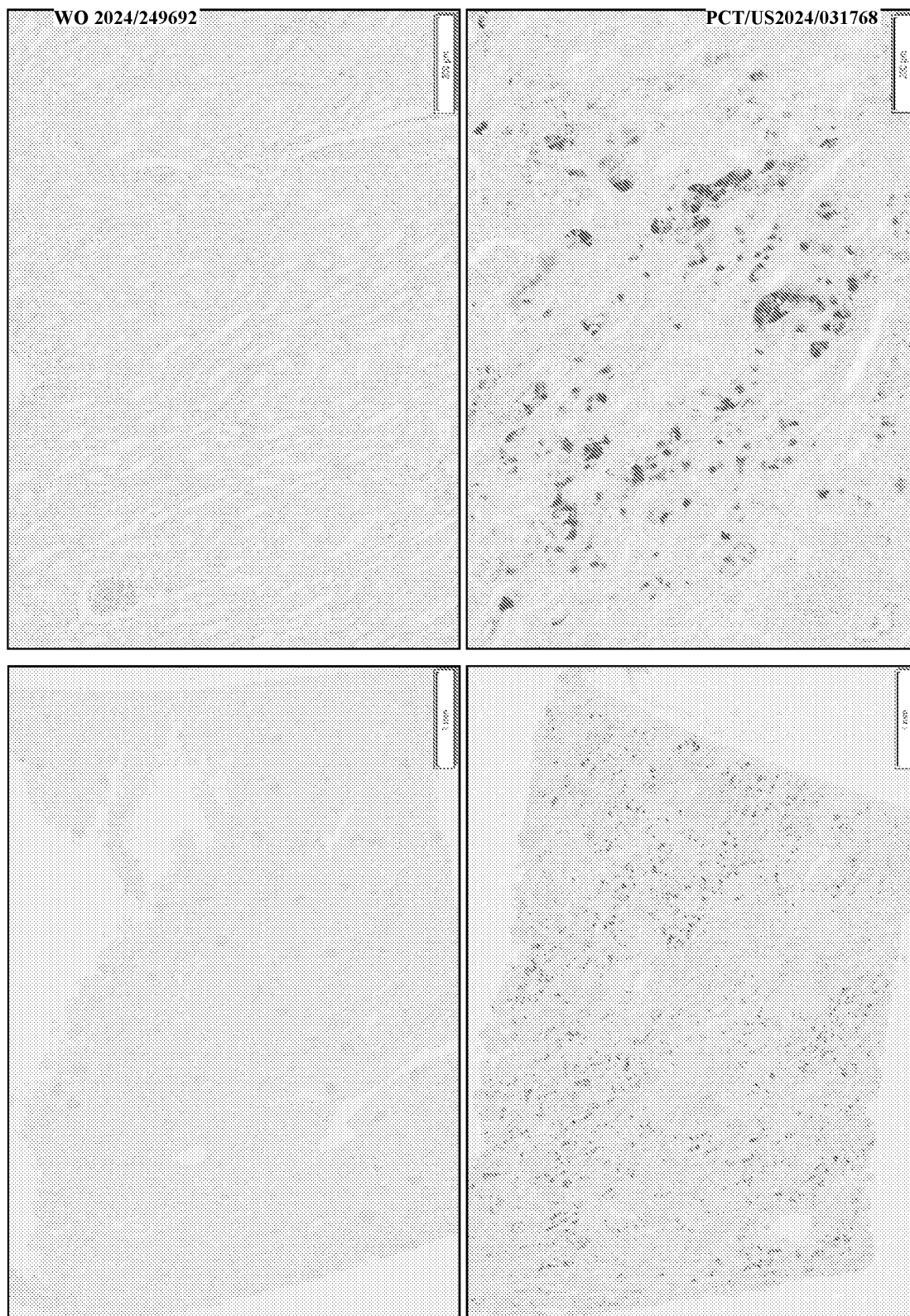


Fig. 6A

Punch # 24
Contralateral
(Unexposed)

Punch # 24
Treated

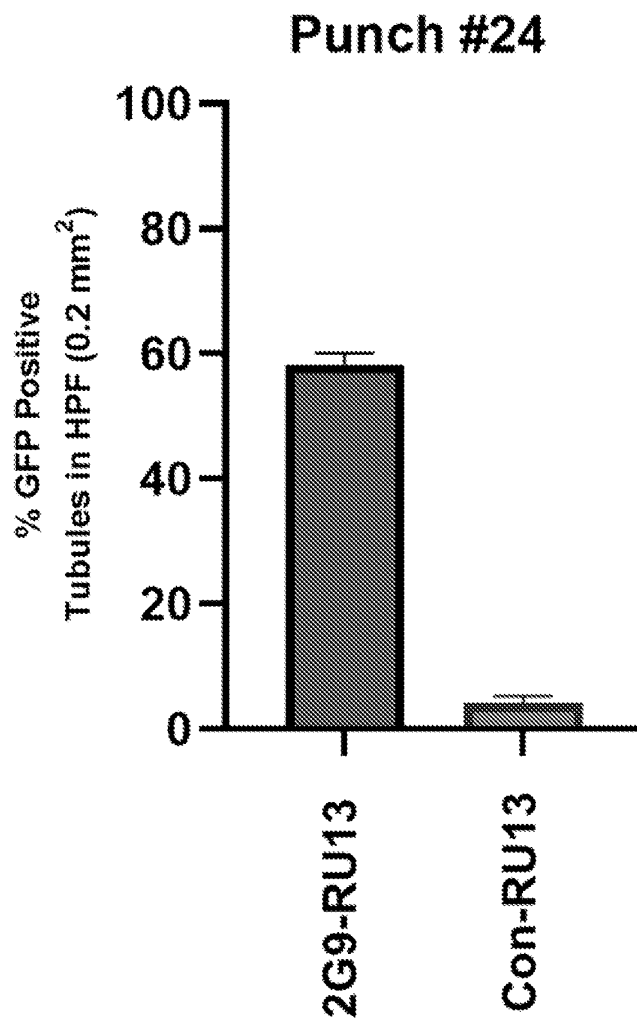
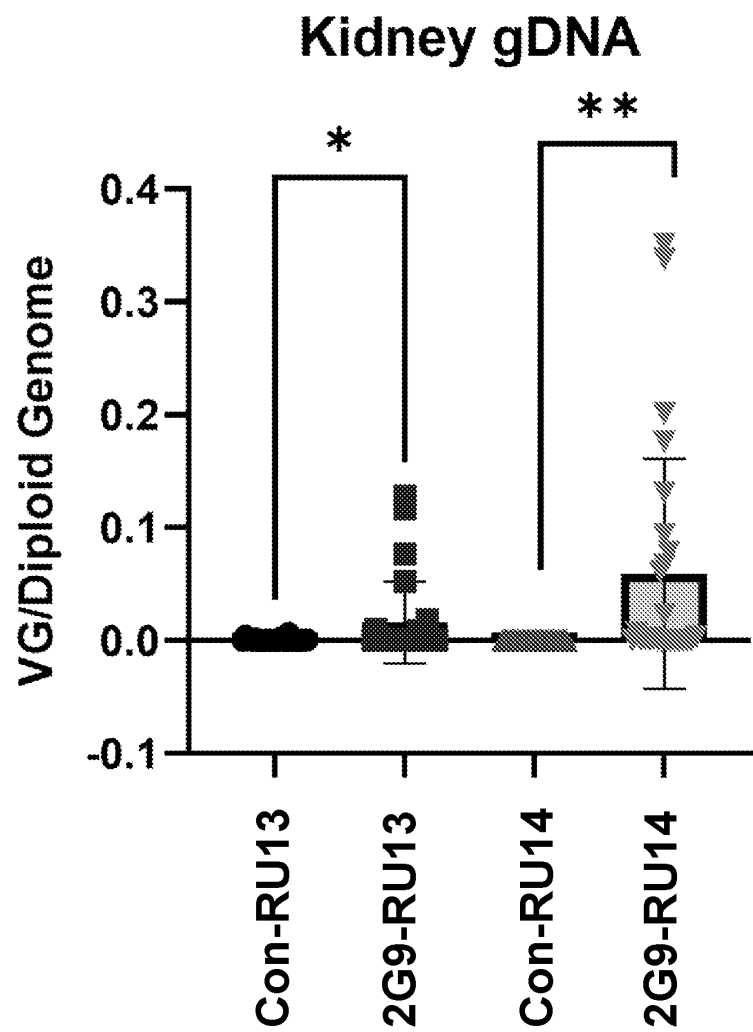
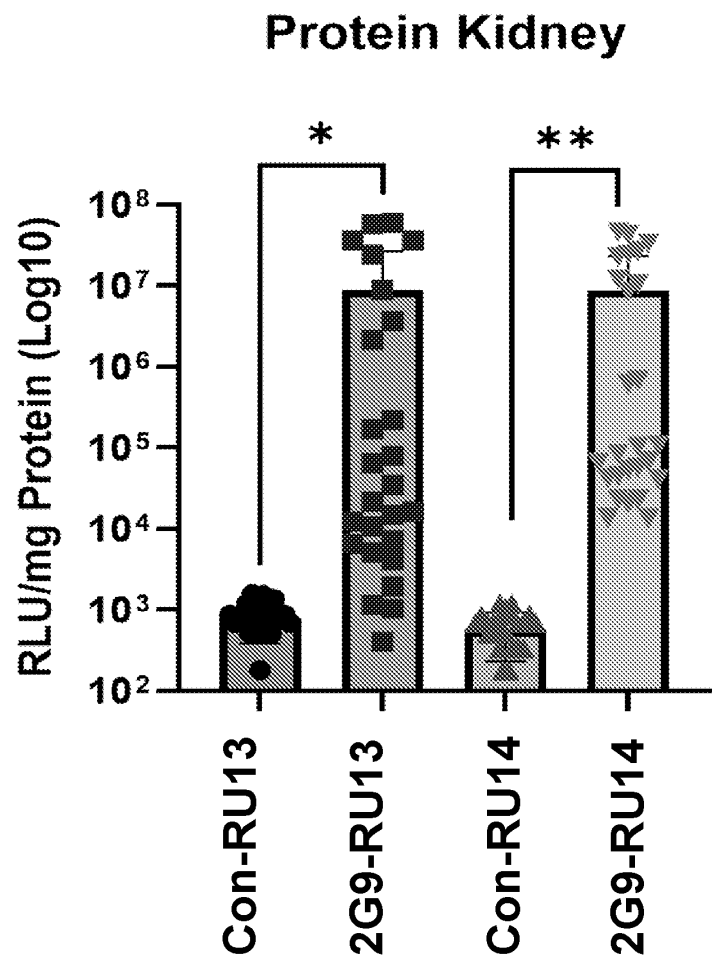


Fig. 6B



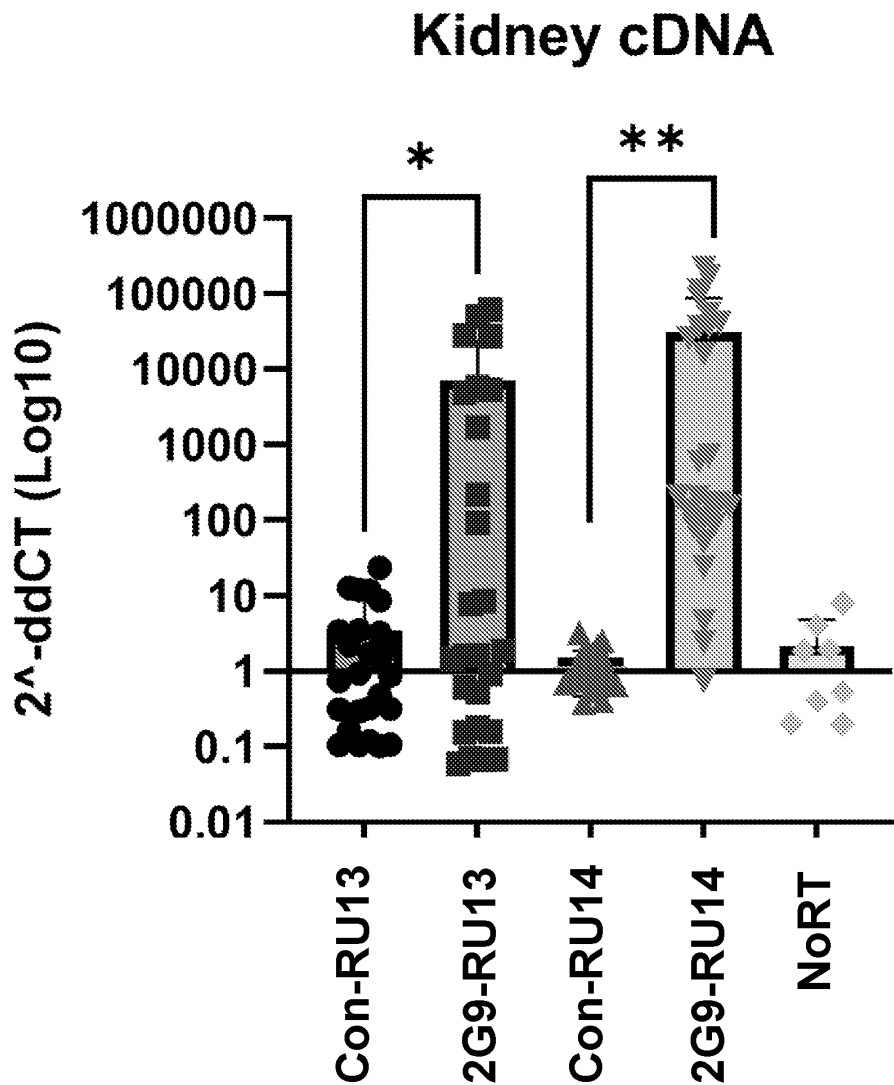
Kidney gDNA	VG/Diploid Genome
Con-RU13	0.001
2G9-RU13	0.016
Con-RU14	0.000
2G9-RU14	0.059

Fig. 6C



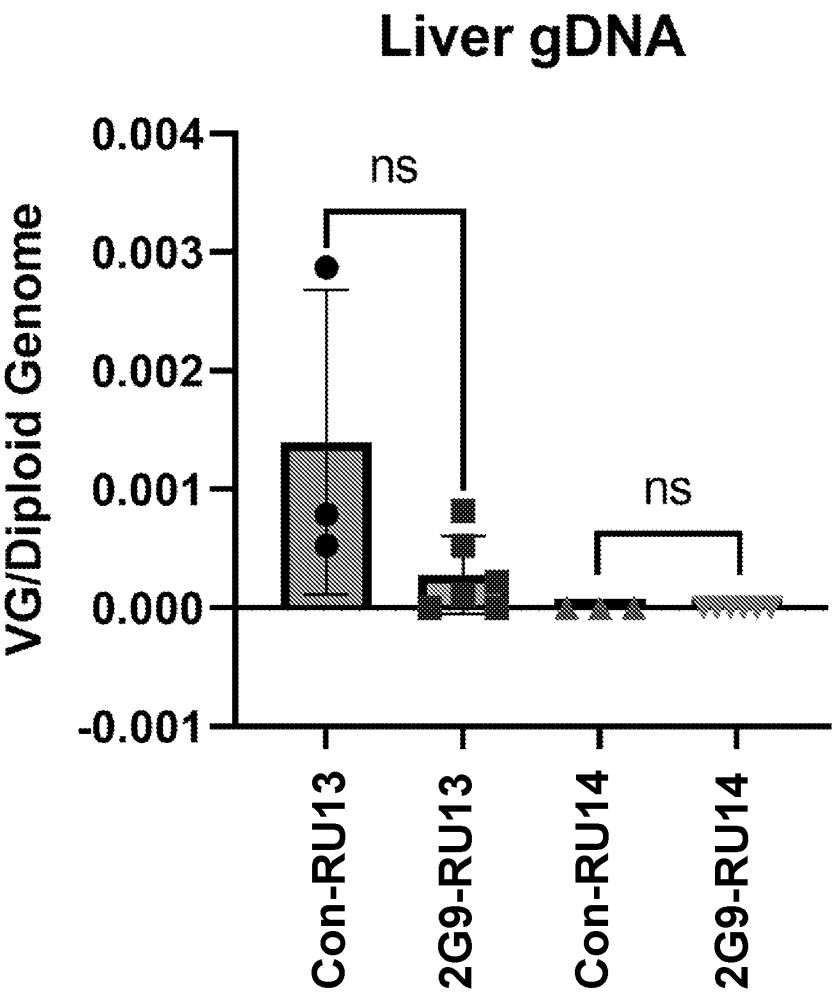
Protein Kidney	RLU/mg Protein
Con-RU13	777.8
2G9-RU13	8.81E+6
Con-RU14	573.3
2G9-RU14	8.78E+6

Fig. 6D



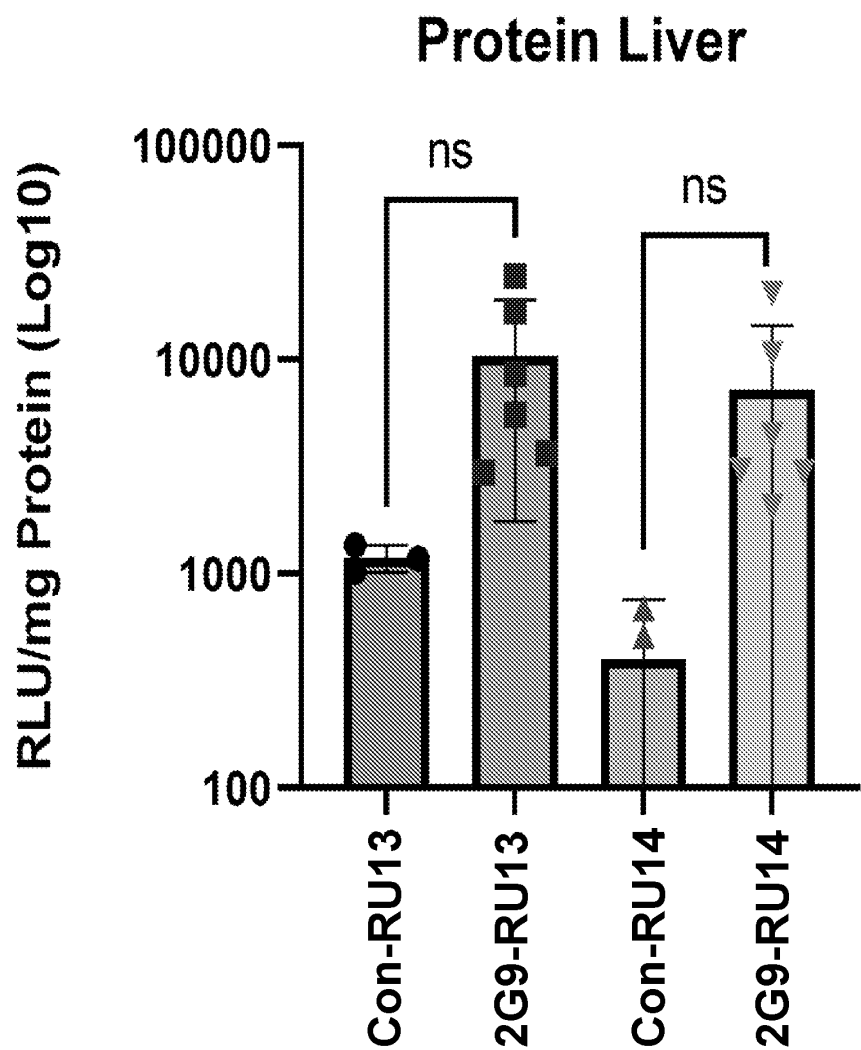
Kidney cDNA	Relative Fold-Change
Con-RU13	3.49
2G9-RU13	7103.7
Con-RU14	1.16
2G9-RU14	30733.8
NoRT	2.15

Fig. 6E



Liver gDNA	VG/Diploid Genome
Con-RU13	0.001
2G9-RU13	0.000
Con-RU14	0.000
2G9-RU14	0.000

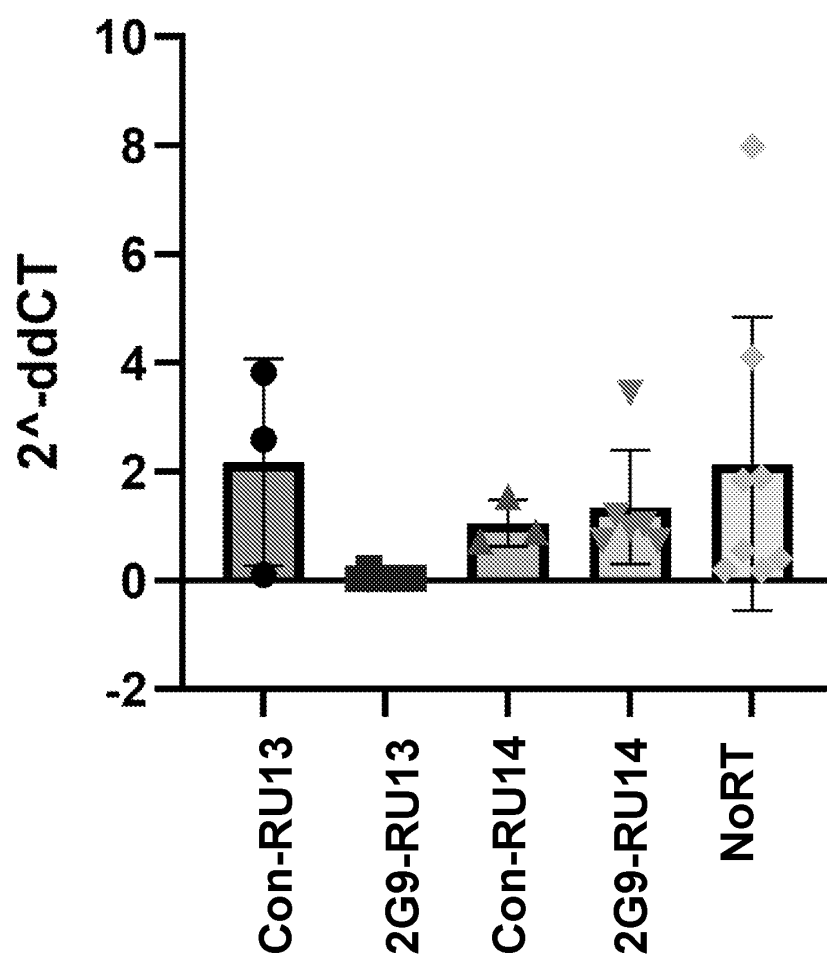
Fig. 6F



Protein Liver	RLU/mg Protein
Con-RU13	1186.7
2G9-RU13	10355
Con-RU14	400
2G9-RU14	7243.3

Fig. 6G

Liver cDNA ddCT



Liver cDNA	Relative Fold-Change
Con-RU13	2.17
2G9-RU13	0.07
Con-RU14	1.05
2G9-RU14	1.35
NoRT	2.15

Fig. 6H

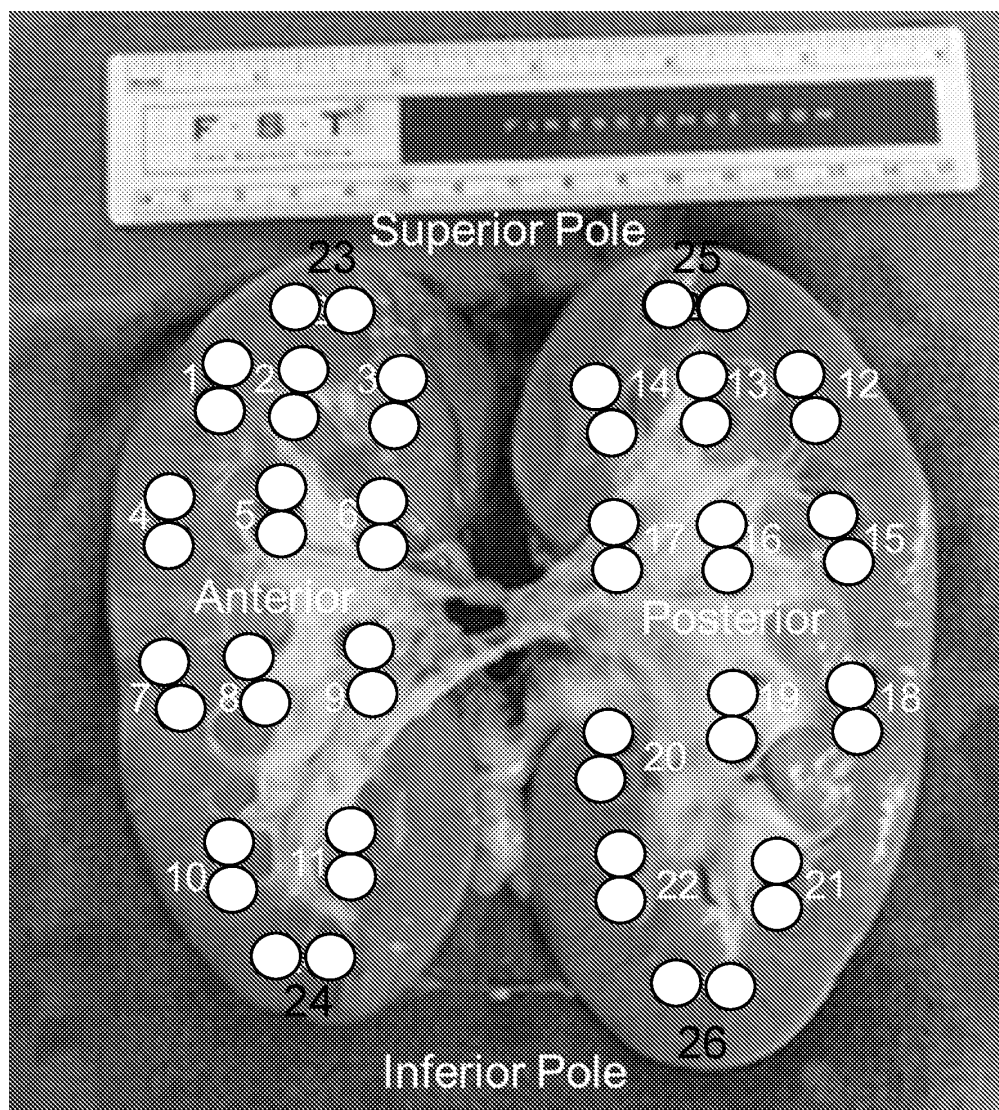


Fig. 6I

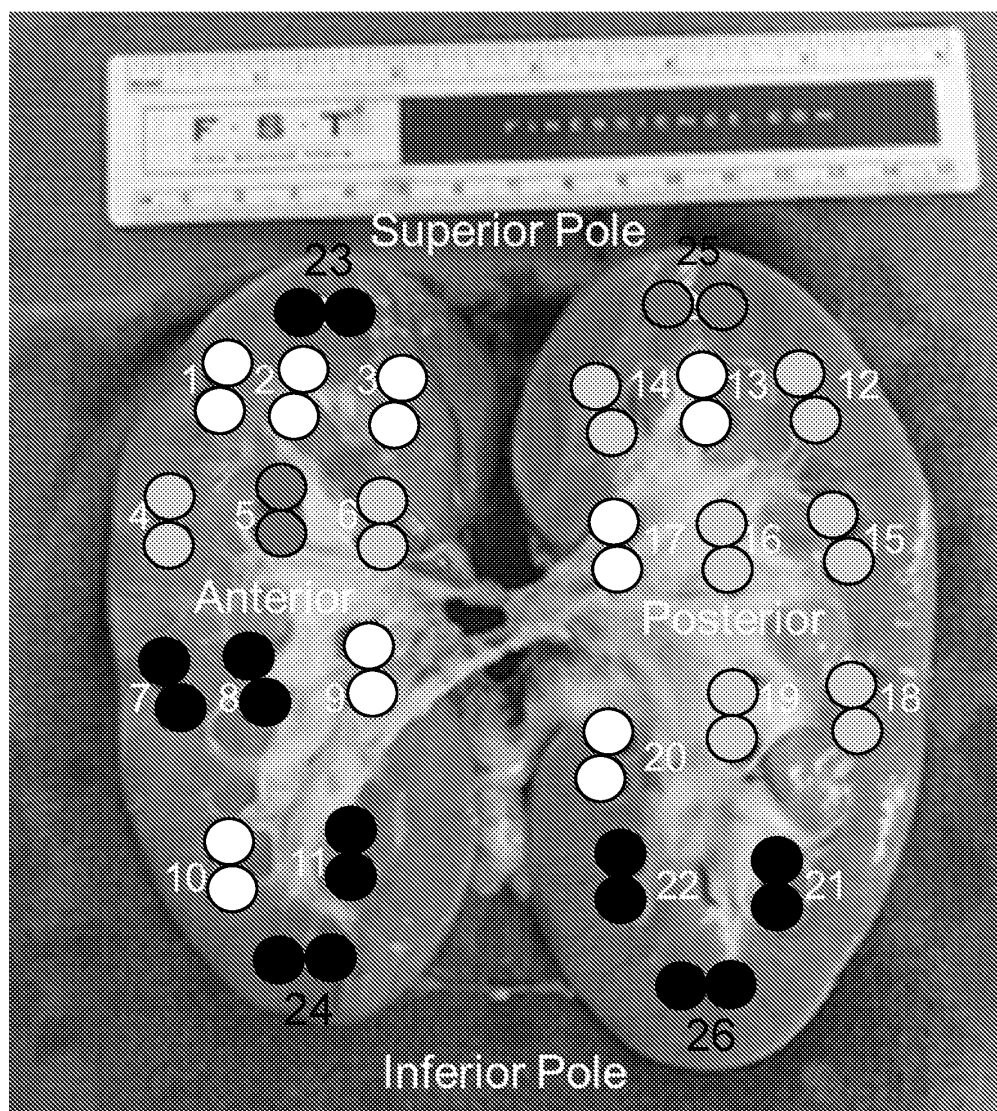


Fig. 6J

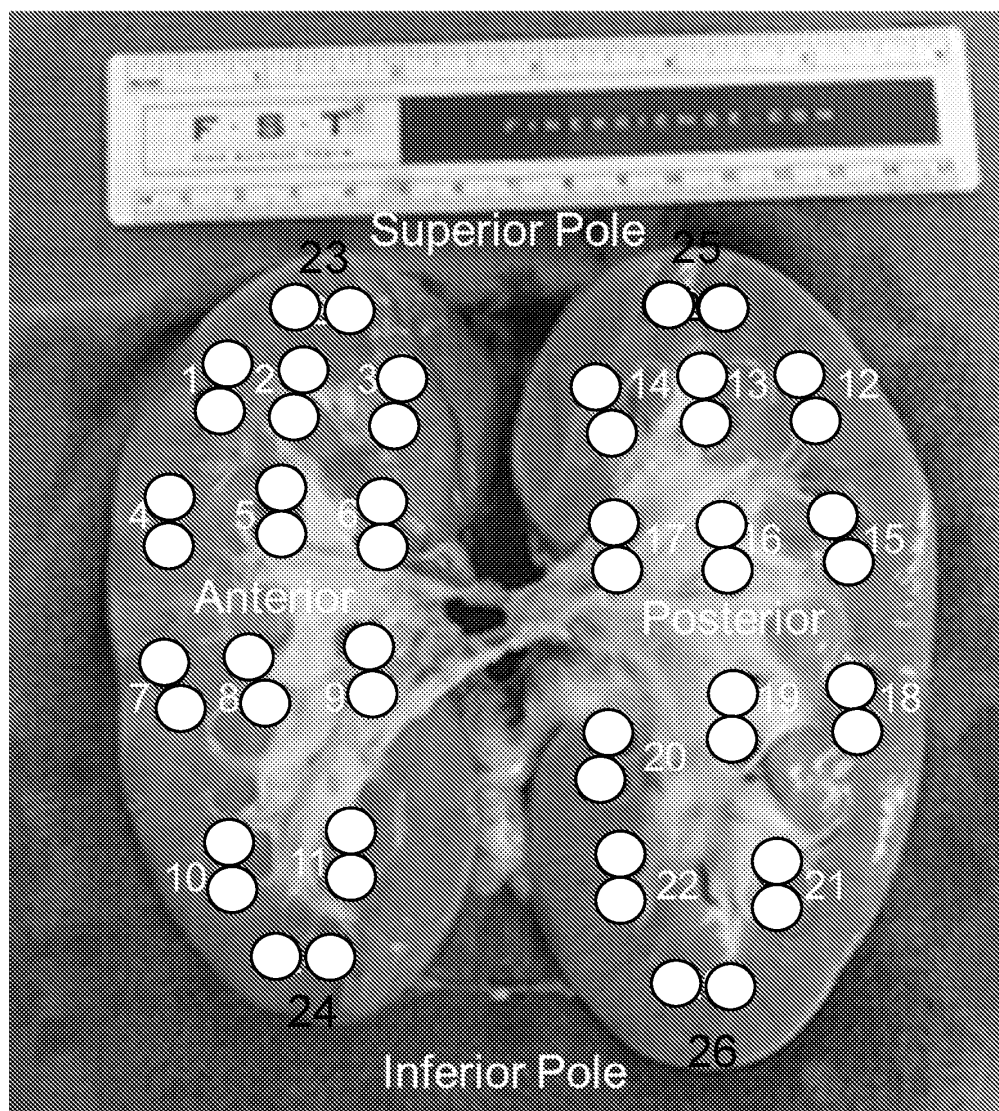


Fig. 6K

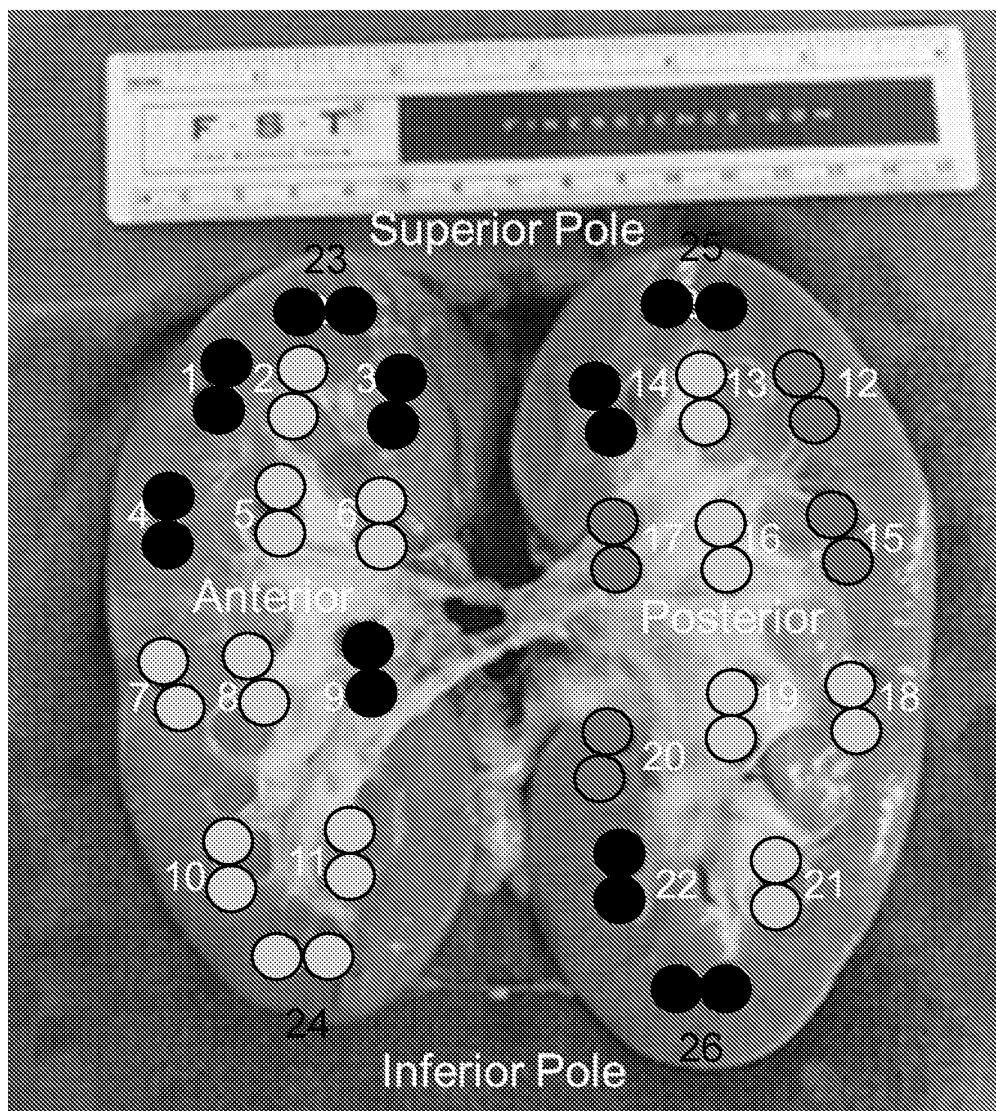


Fig. 6L

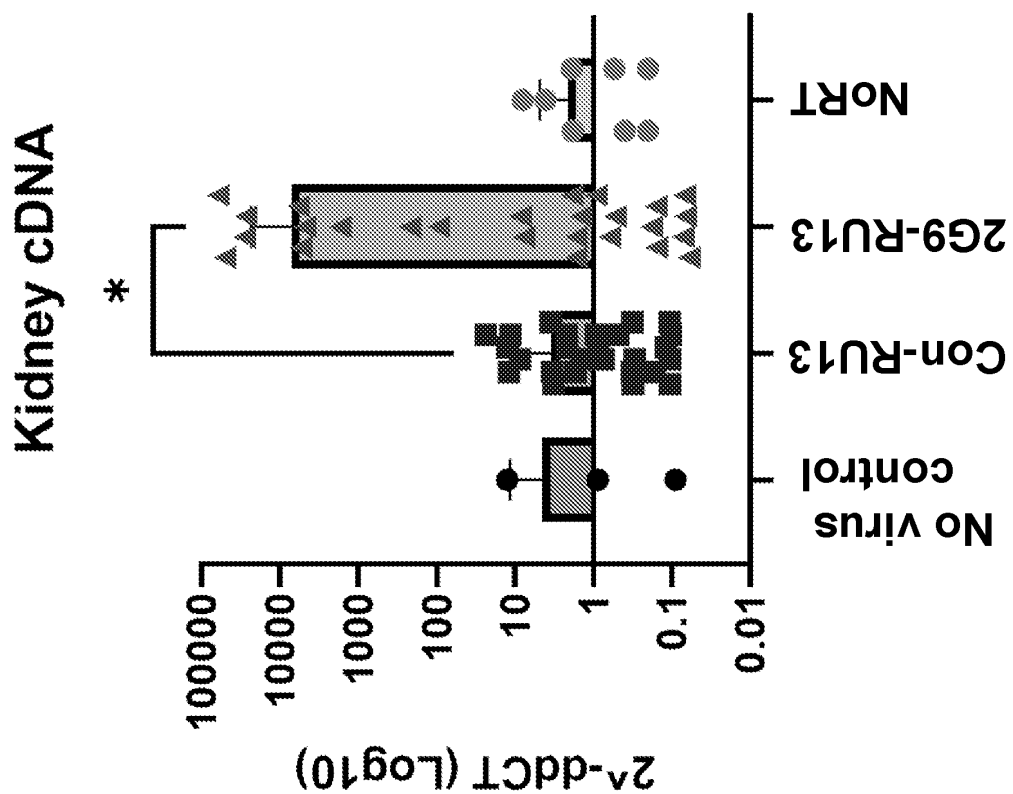


Fig. 6N

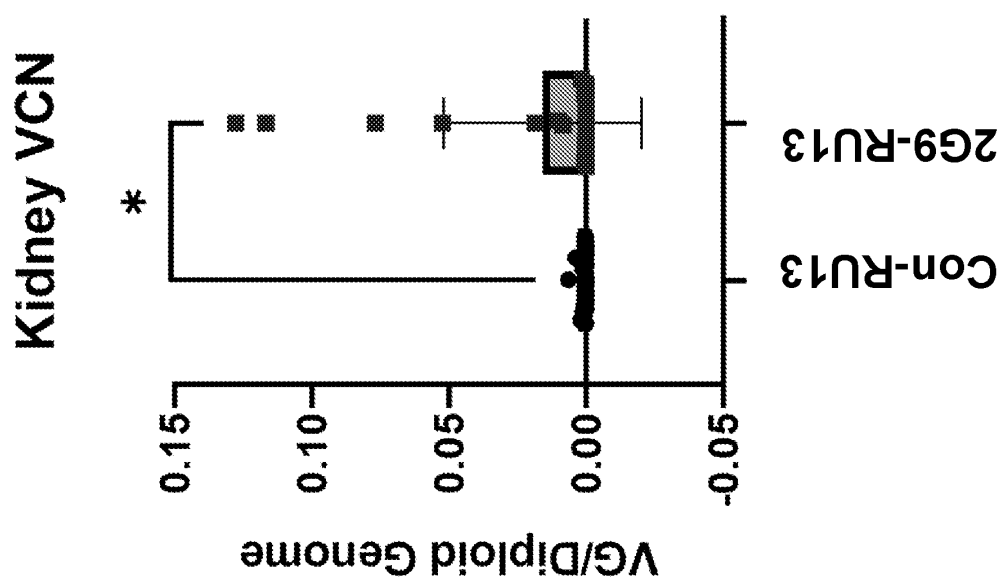


Fig. 6M

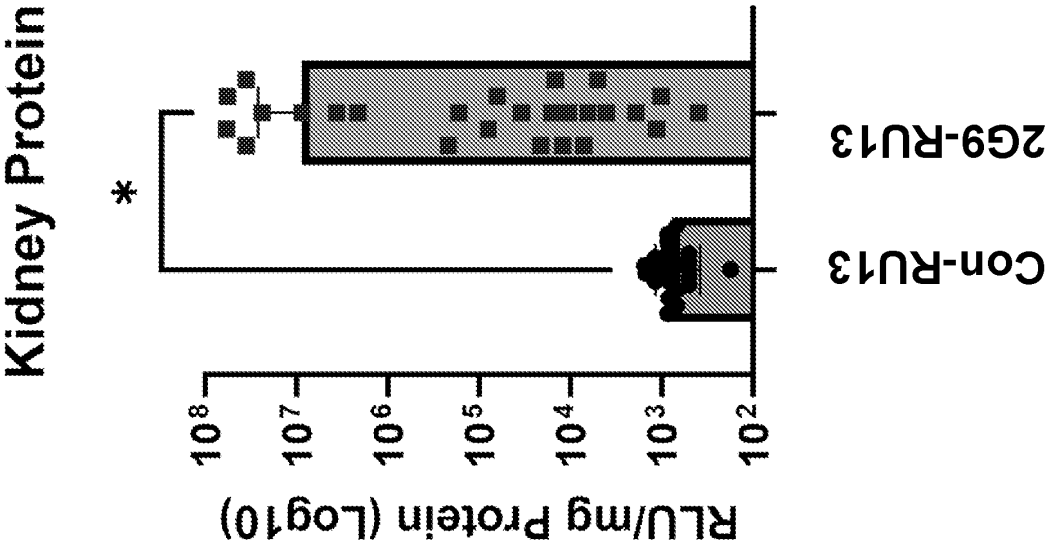


Fig. 6O

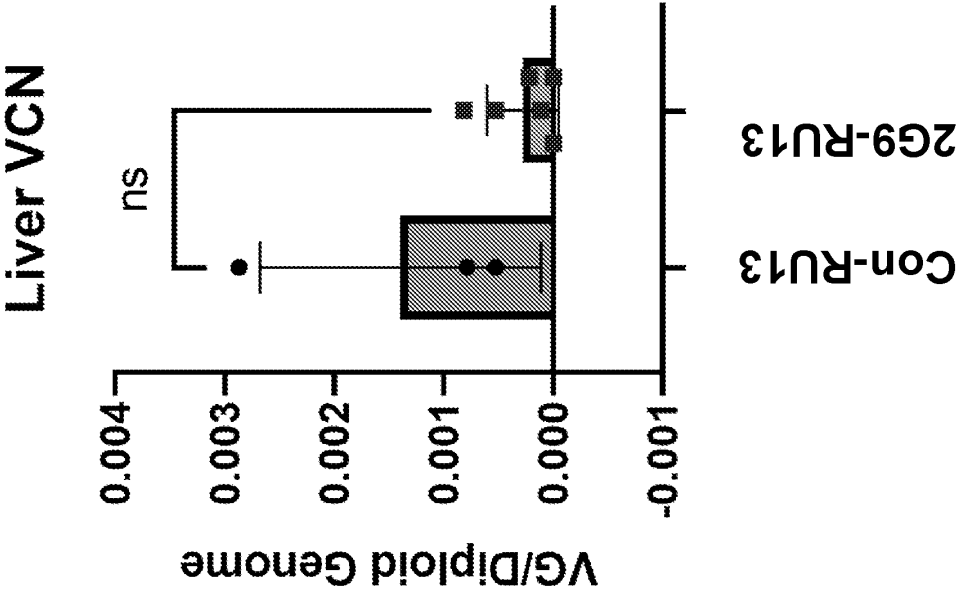


Fig. 6P

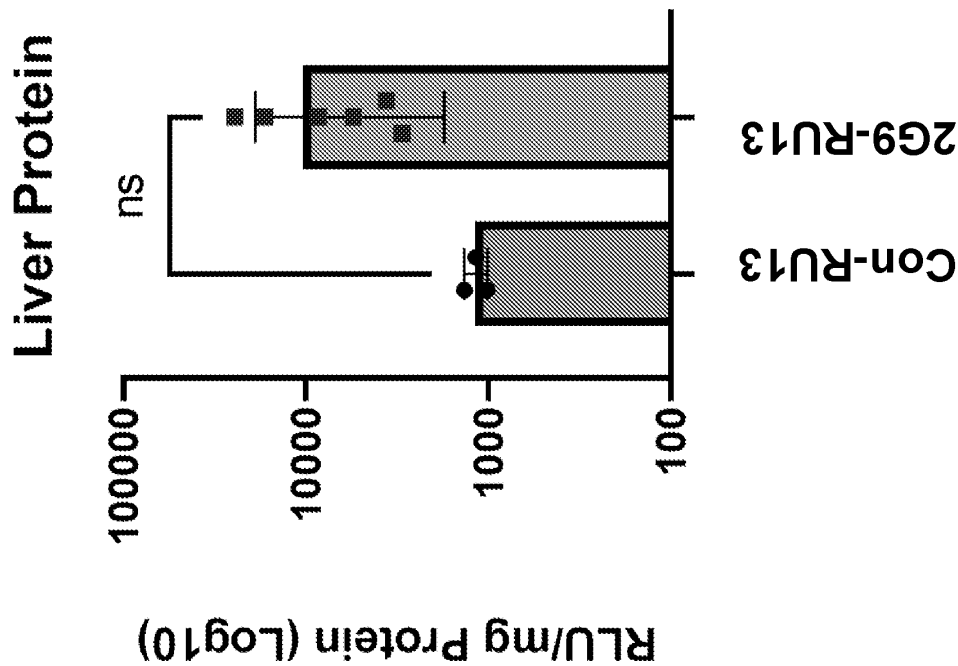


Fig. 6R

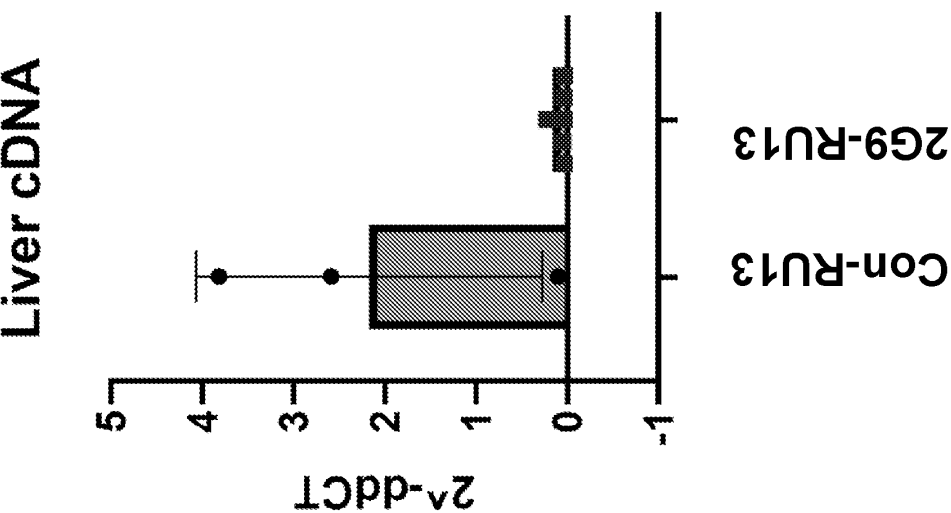
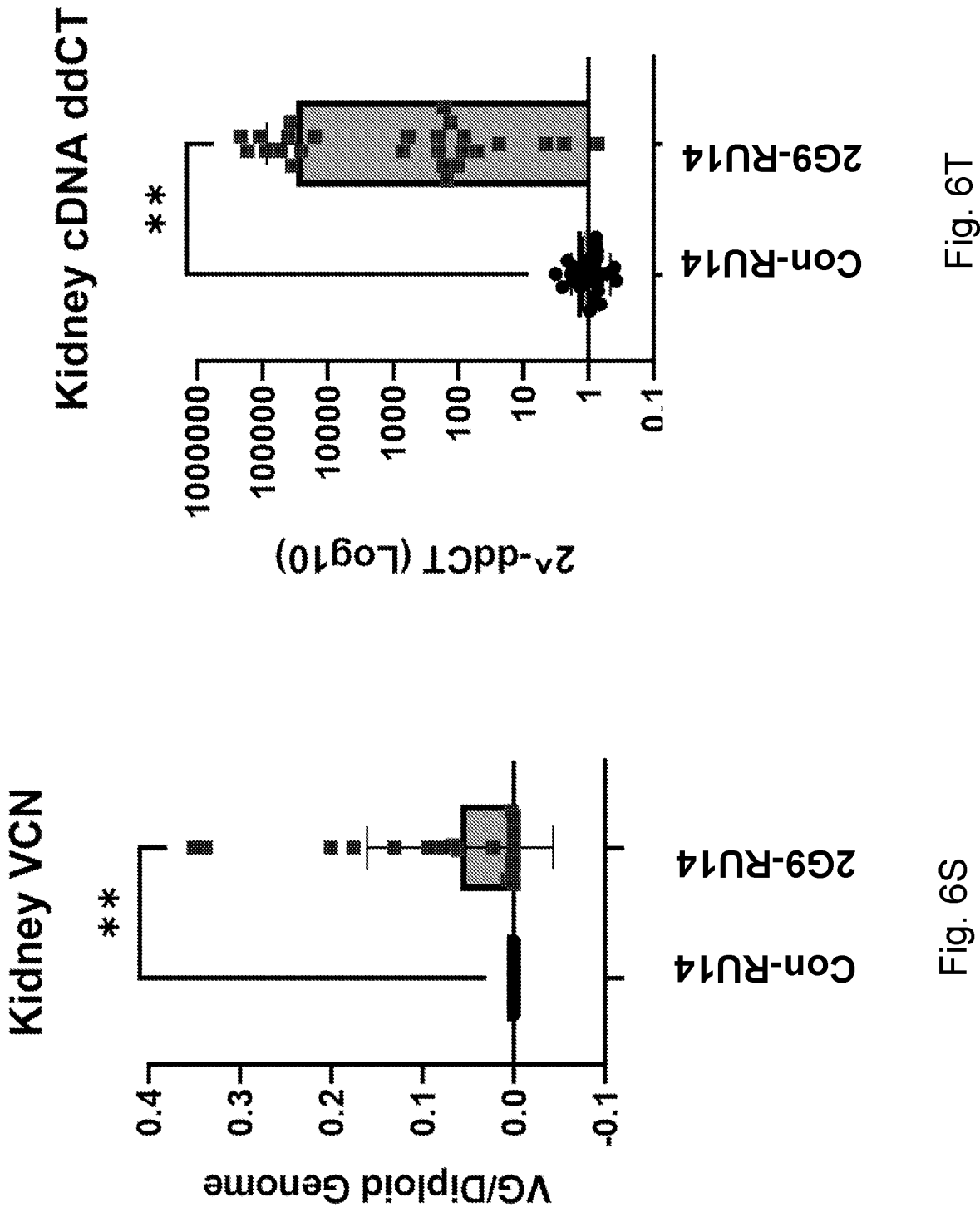


Fig. 6Q



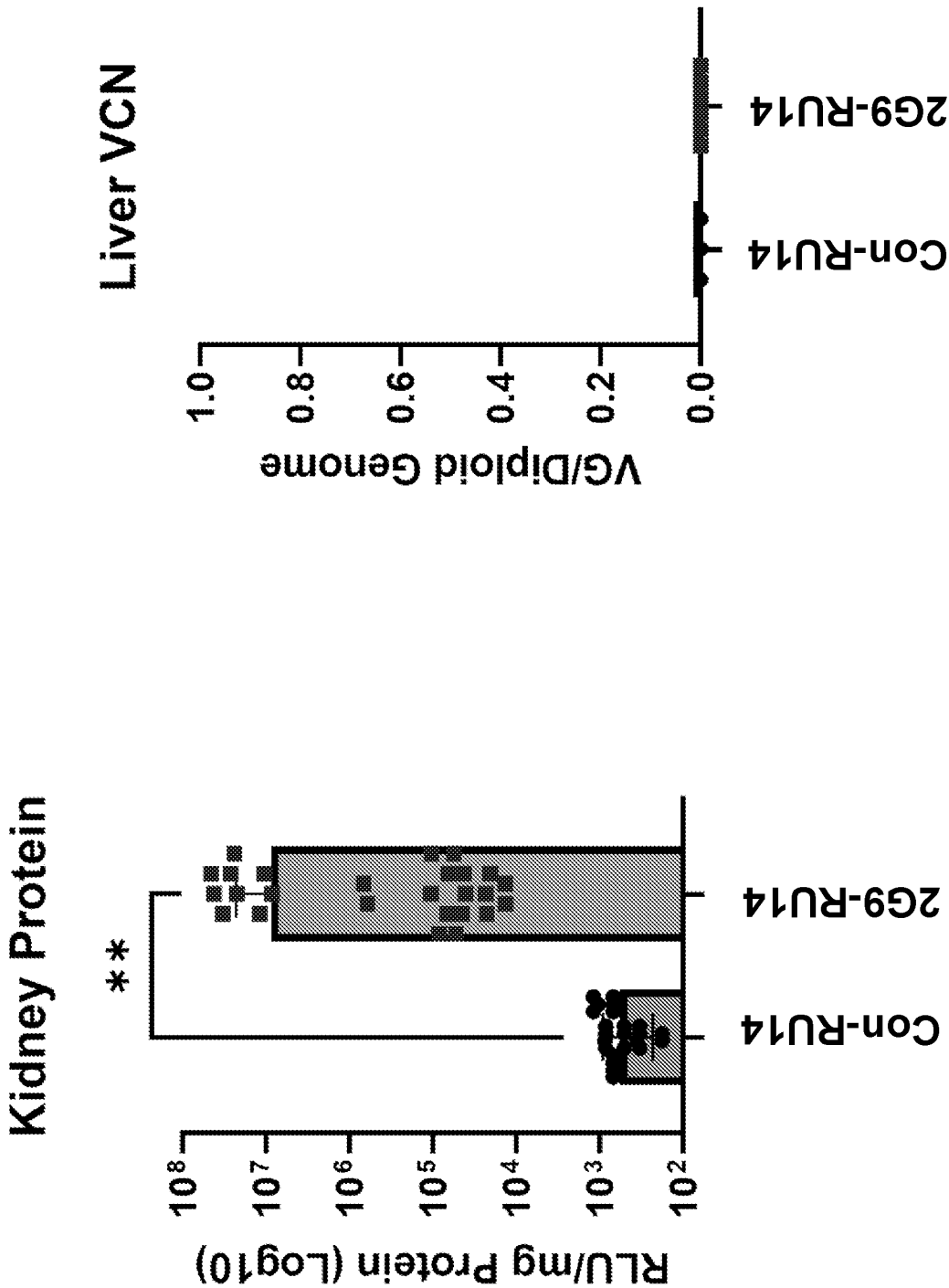


Fig. 6V

Fig. 6U

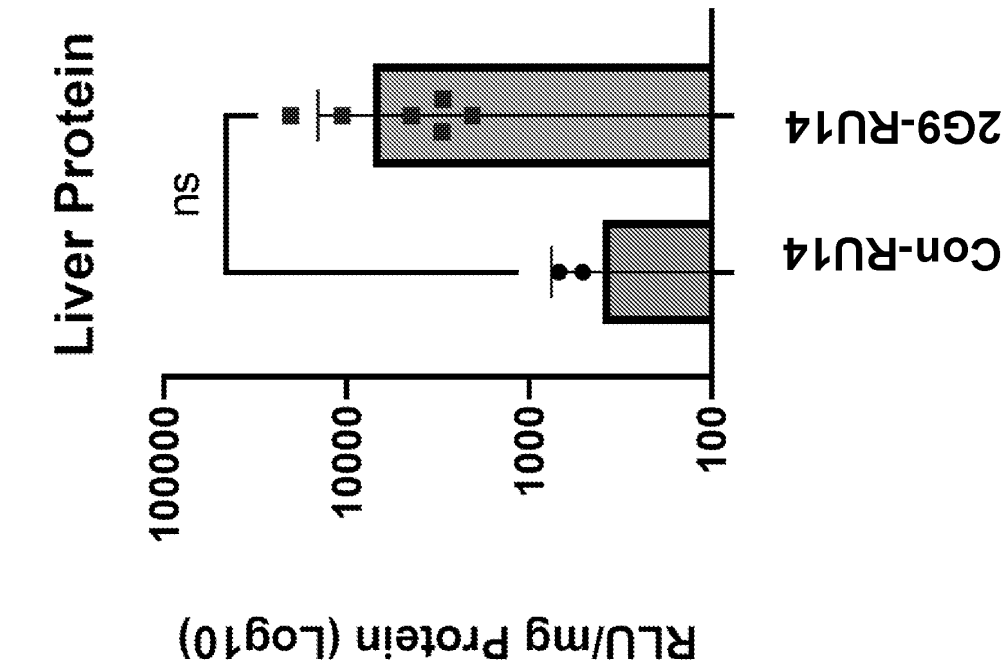


Fig. 6X

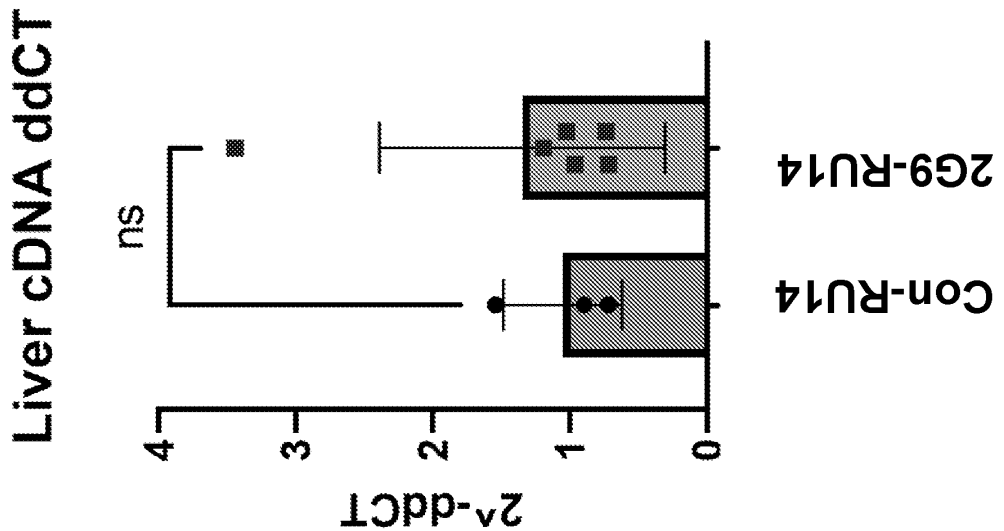
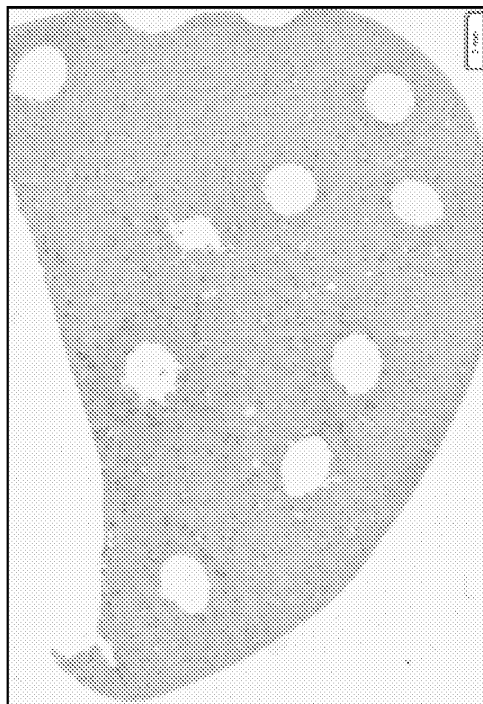


Fig. 6W

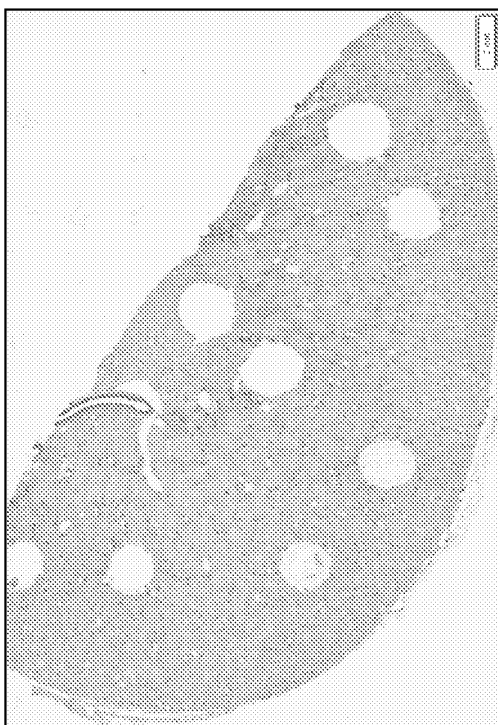
Posterior
Superior



Posterior
Inferior



Anterior
Superior



Anterior
Inferior



Fig. 7A

Posterior
Superior



Posterior
Inferior



Anterior
Superior



Anterior
Inferior



Fig. 7B

Anterior Inferior

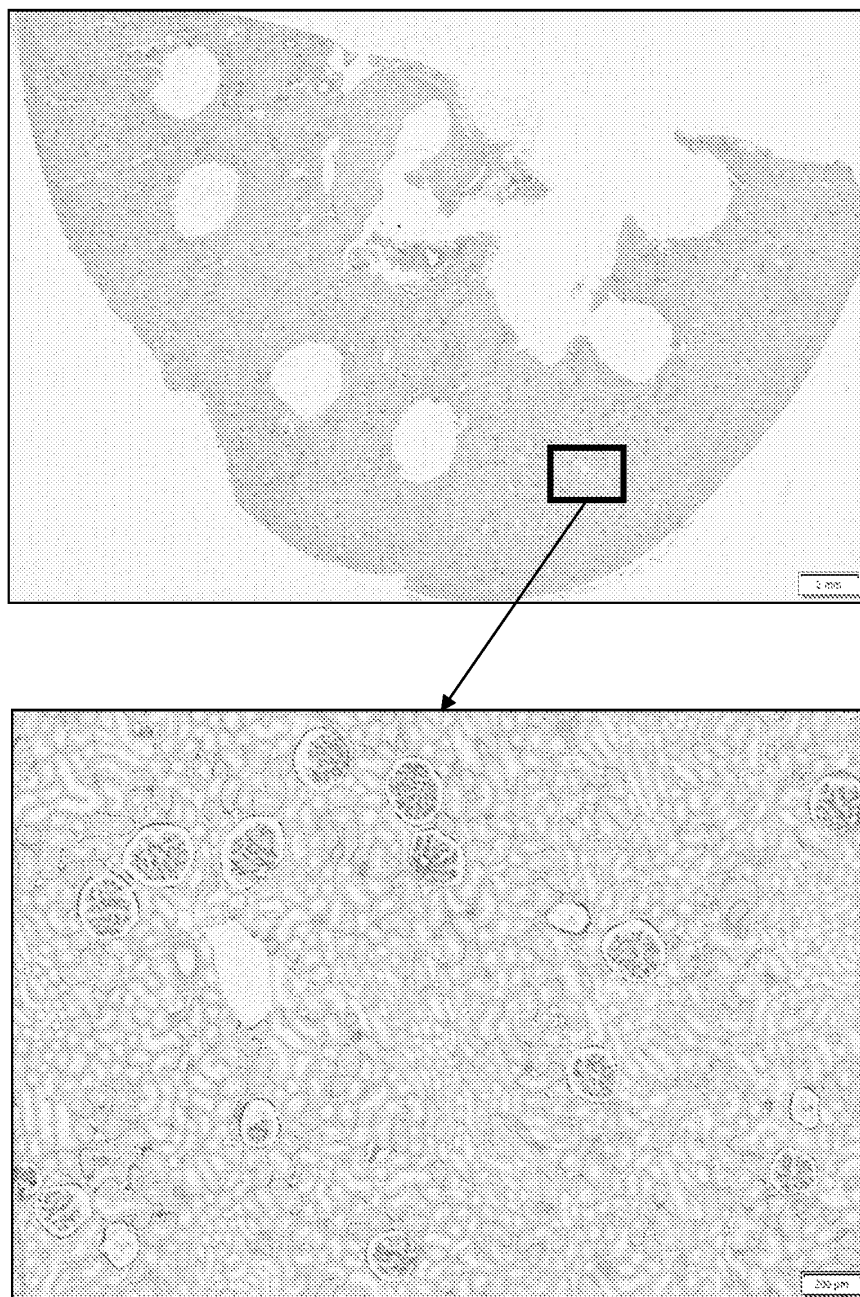


Fig. 7C

Anterior Inferior

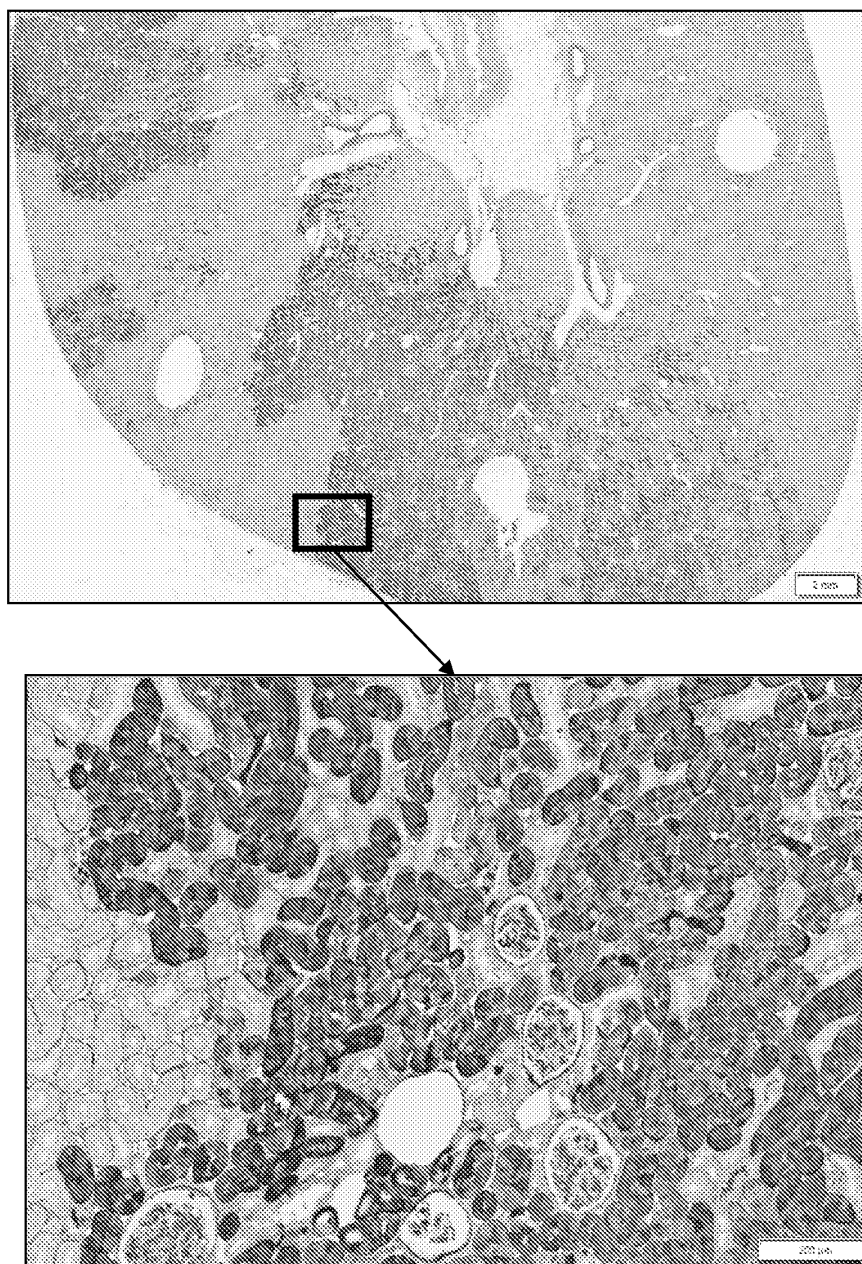


Fig. 7D

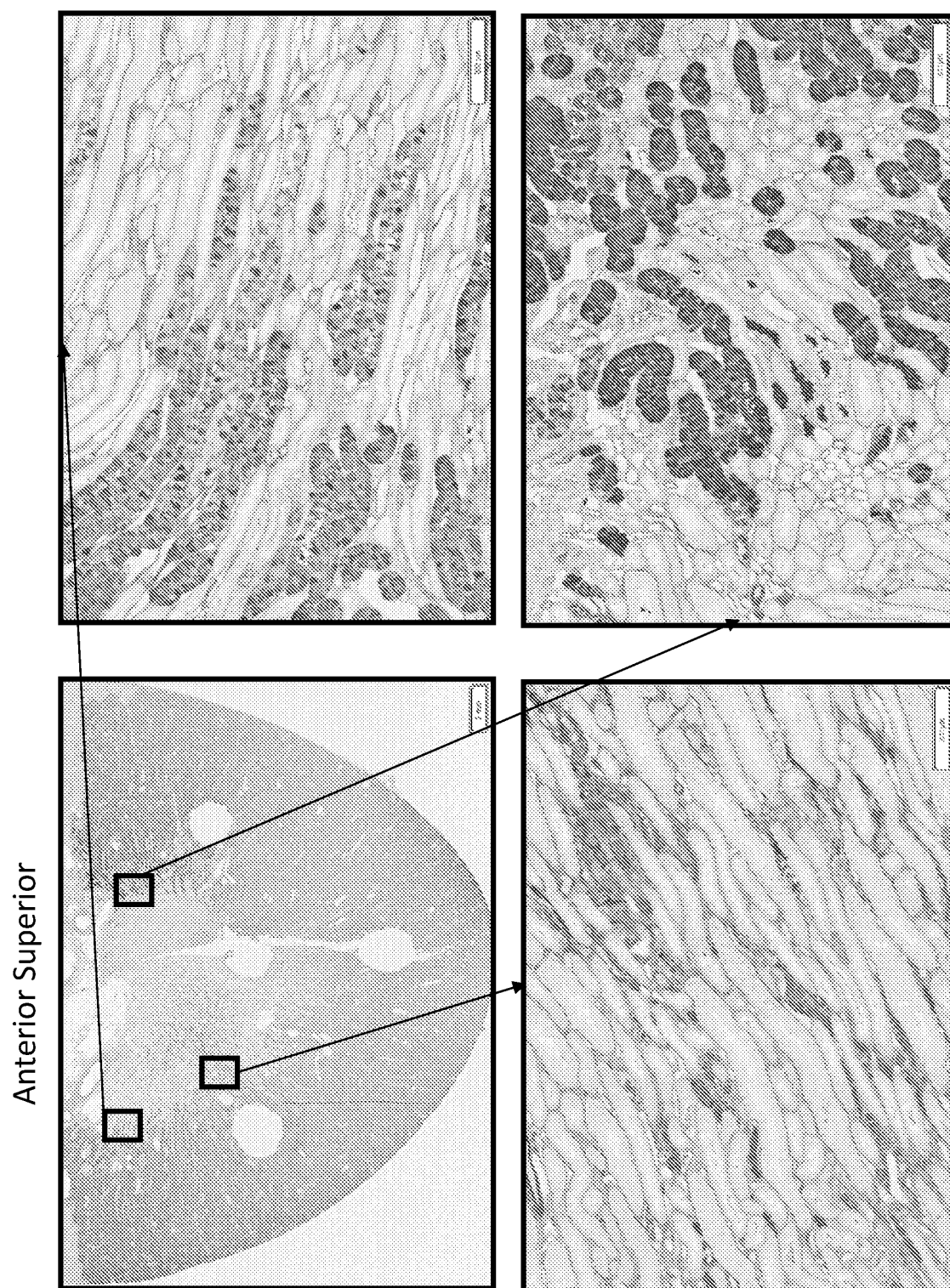


Fig. 7E

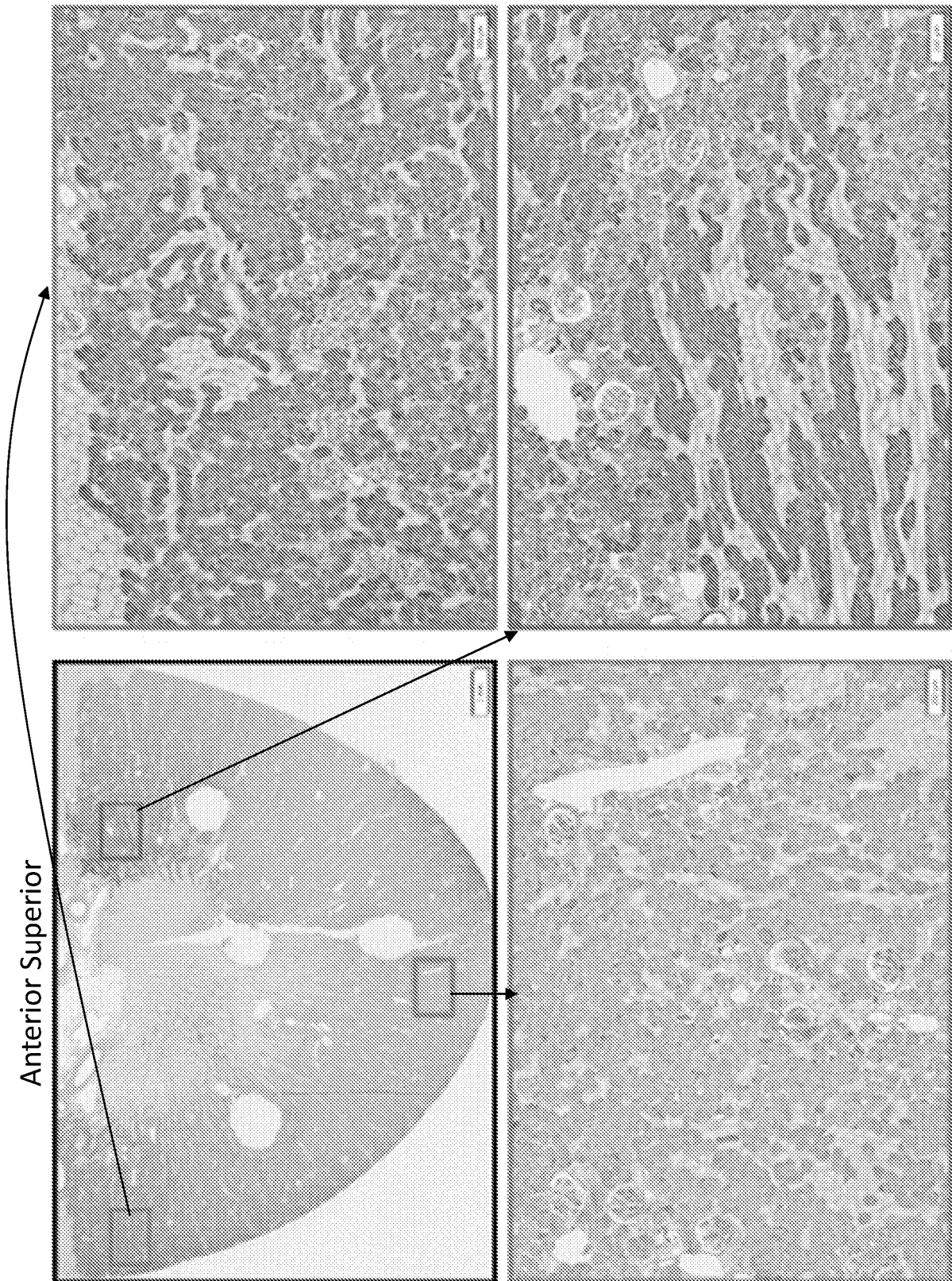


Fig. 7F

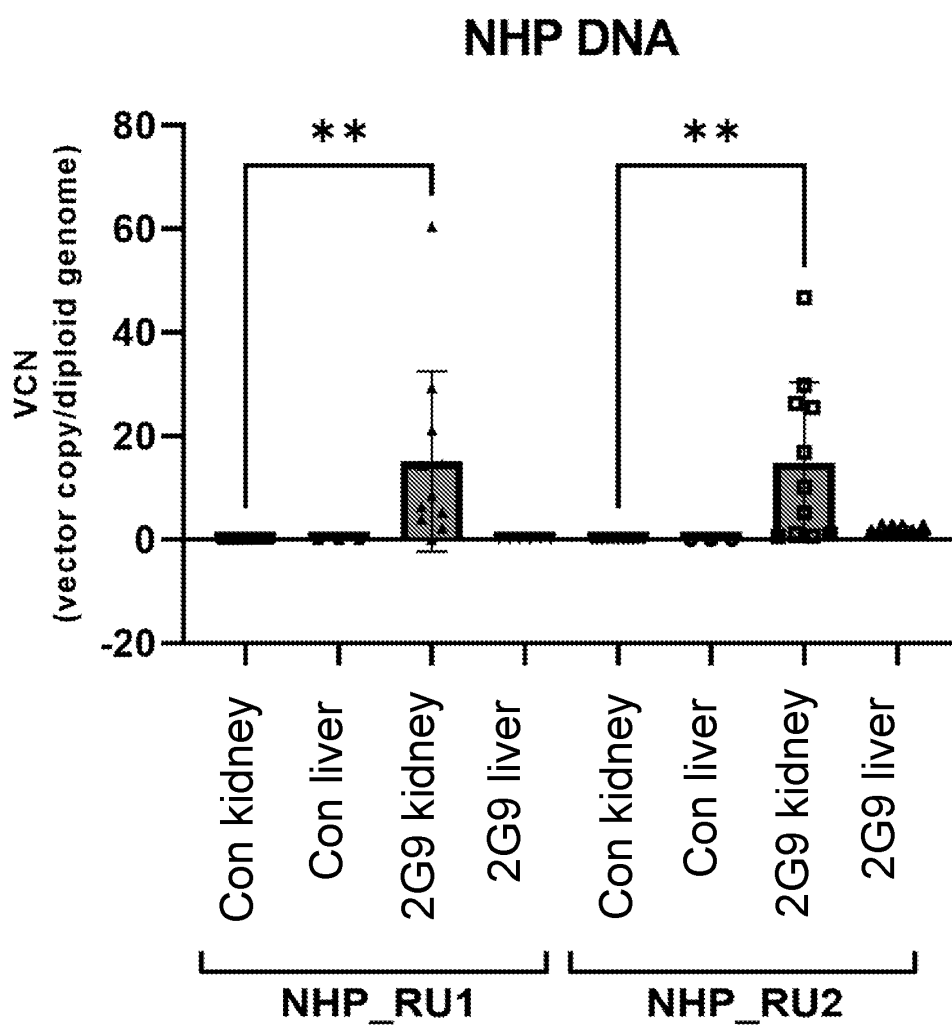


Fig. 7G

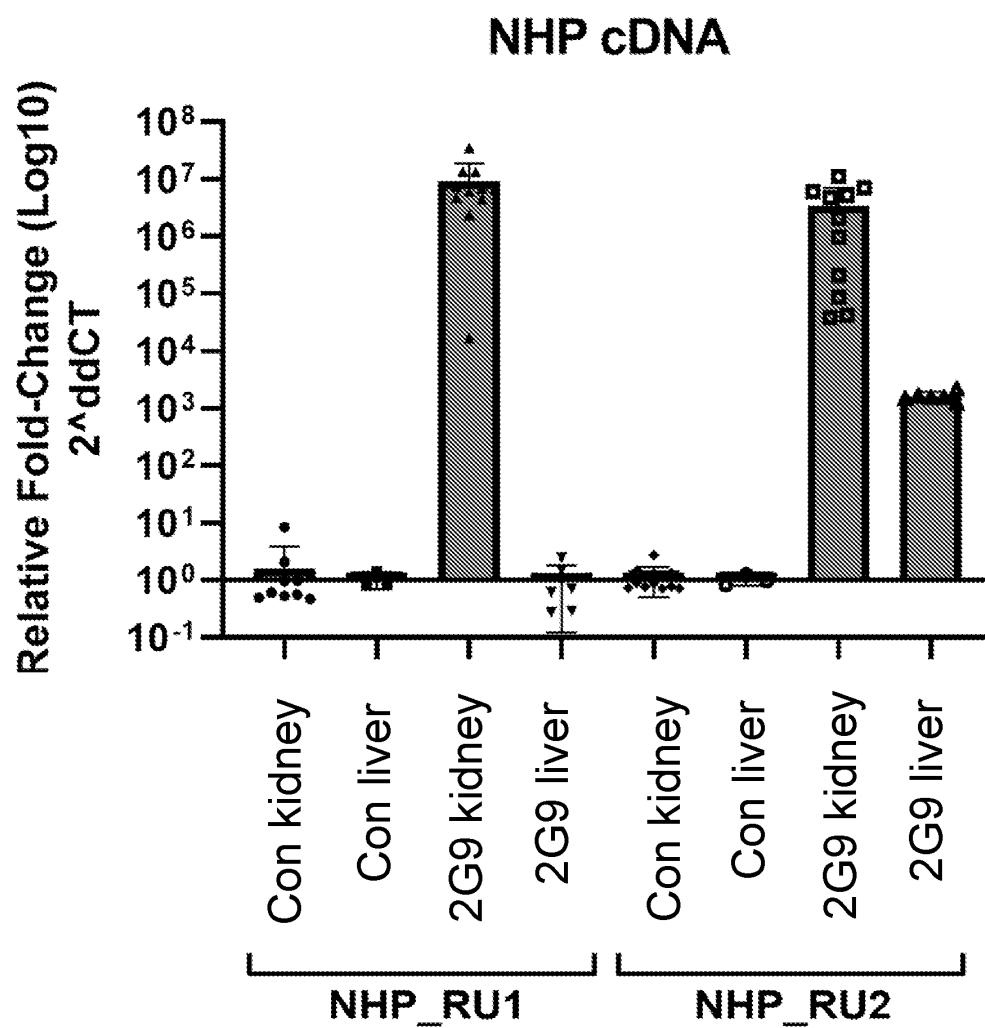
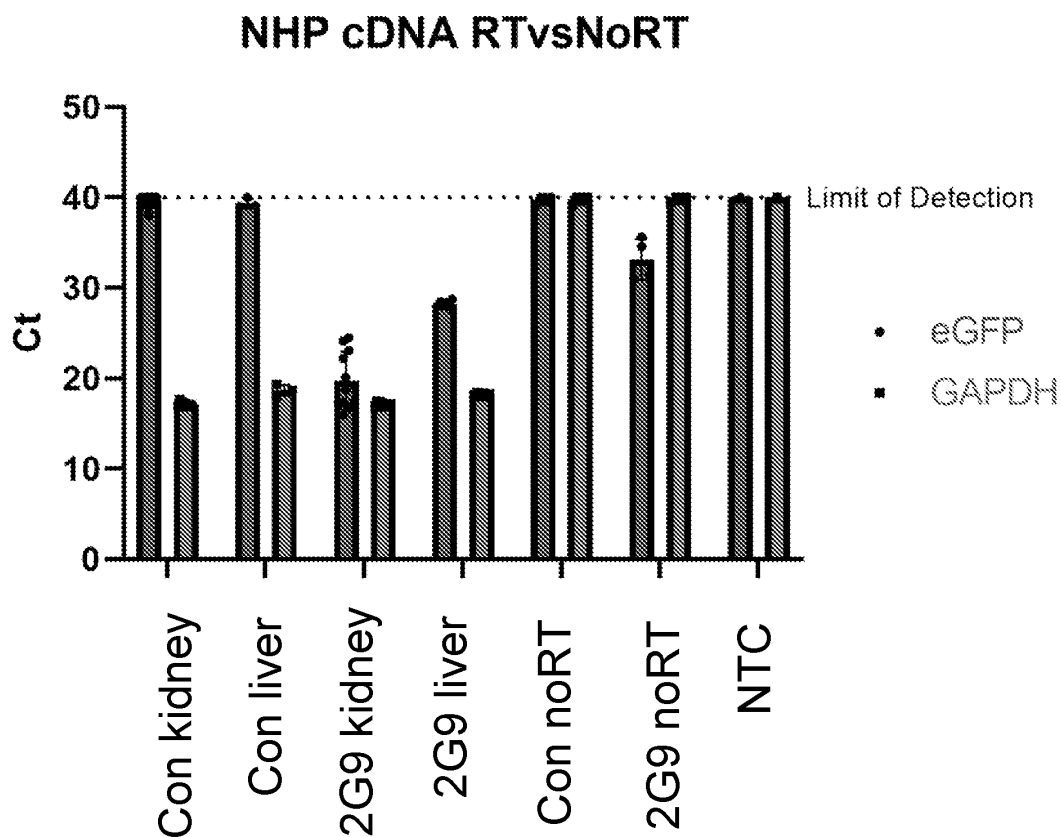


Fig. 7H



NHP_RU2 CT		
Sample:	eGFP CT	GAPDH CT
NHP_Con_RU2 Kidney	39.64	17.12
NHP_Con_RU2 Liver	39.36	18.71
NHP_2G9_RU2 Kidney	19.76	17.12
NHP_2G9_RU2 Liver	28.27	18.23
NHP_Con_RU2 NoRT	39.78	39.80
NHP_2G9_RU2 NoRT	33.18	39.88
NTC	40	40

Fig. 7I

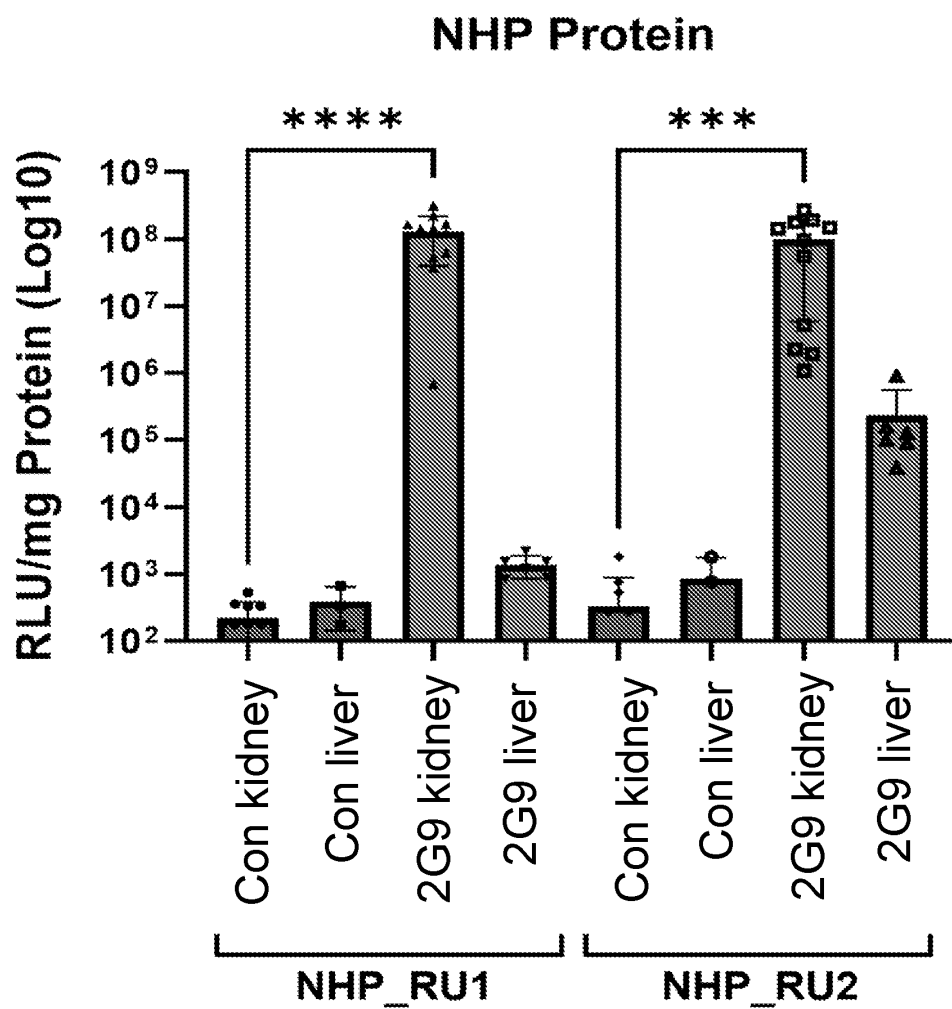


Fig. 7J

	NHP_2G9_RU1			
Biopsy #	DNA (vg/dg)	RNA (cDNA Relative Fold- Change)	Protein (RLU/mg)	% GFP+ PCT
Kidney 1	8.44E+00	6.79E+06	1.68E+08	8.49E+01
Kidney 2	1.44E+01	1.35E+07	1.43E+08	
Kidney 3	2.93E+01	1.36E+07	2.23E+08	
Kidney 4	6.25E+00	4.72E+06	5.31E+07	
Kidney 5	1.46E+01	6.67E+06	1.44E+08	
Kidney 6	2.12E+01	7.45E+06	1.67E+08	
Kidney 7	3.95E+00	4.51E+06	3.77E+07	6.73E+01
Kidney 8	5.28E+00	6.11E+06	1.22E+08	
Kidney 9	1.75E-02	1.68E+04	6.85E+05	
Kidney 10	6.05E+01	3.53E+07	3.18E+08	8.49E+01
Kidney 11	2.17E+00	2.36E+06	6.33E+07	6.73E+01

	NHP_2G9_RU2			
Biopsy #	DNA (vg/dg)	RNA (cDNA Relative Fold- Change)	Protein (RLU/mg)	% GFP+ PCT
Kidney 1	4.63E+01	1.10E+07	2.71E+08	4.15E+01
Kidney 2	1.05E+00	2.09E+05	5.29E+06	
Kidney 3	1.24E+00	3.81E+04	1.08E+06	
Kidney 4	1.69E+01	5.20E+06	1.50E+08	
Kidney 5	1.02E+01	9.71E+05	9.71E+07	
Kidney 6	6.52E-01	4.20E+04	1.92E+06	
Kidney 7	2.99E+01	7.01E+06	1.43E+08	6.31E+01
Kidney 8	2.56E+01	6.02E+06	1.93E+08	
Kidney 9	5.24E+00	2.08E+06	5.55E+07	
Kidney 10	7.12E-01	8.69E+04	2.25E+06	4.15E+01
Kidney 11	2.63E+01	4.72E+06	1.81E+08	6.31E+01

Lowest  Highest

Fig. 7K

NHP_2G9_RU1			NHP_2G9_RU2		
RANK	Biopsy #	DNA (vg/dg)	RANK	Biopsy #	DNA (vg/dg)
1	Kidney 10	6.05E+01		1 Kidney 1	4.63E+01
2	Kidney 3	2.93E+01		2 Kidney 7	2.99E+01
3	Kidney 6	2.12E+01		3 Kidney 11	2.63E+01
4	Kidney 5	1.46E+01		4 Kidney 8	2.56E+01
5	Kidney 2	1.44E+01		5 Kidney 4	1.69E+01
6	Kidney 1	8.44E+00		6 Kidney 5	1.02E+01
7	Kidney 4	8.25E+00		7 Kidney 9	5.24E+00
8	Kidney 8	5.28E+00		8 Kidney 3	1.24E+00
9	Kidney 7	3.95E+00		9 Kidney 2	1.05E+00
10	Kidney 11	2.17E+00		10 Kidney 10	7.12E-01
11	Kidney 9	1.76E-02		11 Kidney 6	6.52E-01

vg/dg>1.00E+01
1.00E+01>vg/dg>1.00E+00
1.00E+00>vg/dg>1.00E-01
1.00E-01>vg/dg>1.00E-02
1.00E-02>vg/dg>1.00E-03

Fig. 7L

NHP_2G9_RU1			NHP_2G9_RU2		
RANK	Biopsy #	Protein (RLU/mg)	RANK	Biopsy #	Protein (RLU/mg)
1	Kidney 10	3.18E+08	1	Kidney 1	2.71E+08
2	Kidney 3	2.23E+08	2	Kidney 8	1.93E+08
3	Kidney 1	1.68E+08	3	Kidney 11	1.81E+08
4	Kidney 6	1.67E+08	4	Kidney 4	1.50E+08
5	Kidney 5	1.44E+08	5	Kidney 7	1.43E+08
6	Kidney 2	1.43E+08	6	Kidney 5	9.71E+07
7	Kidney 8	1.22E+08	7	Kidney 9	5.55E+07
8	Kidney 11	6.33E+07	8	Kidney 2	5.29E+06
9	Kidney 4	5.31E+07	9	Kidney 10	2.25E+06
10	Kidney 7	3.77E+07	10	Kidney 6	1.92E+06
11	Kidney 9	6.85E+05	11	Kidney 3	1.08E+06

RLU > 1.00E+08
1.00E+08 > RLU > 1.00E+07
1.00E+07 > RLU > 1.00E+06
1.00E+06 > RLU > 1.00E+05
1.00E+05 > RLU > 1.00E+04

Fig. 7M

WO 2024/249692

PCT/US2024/031768

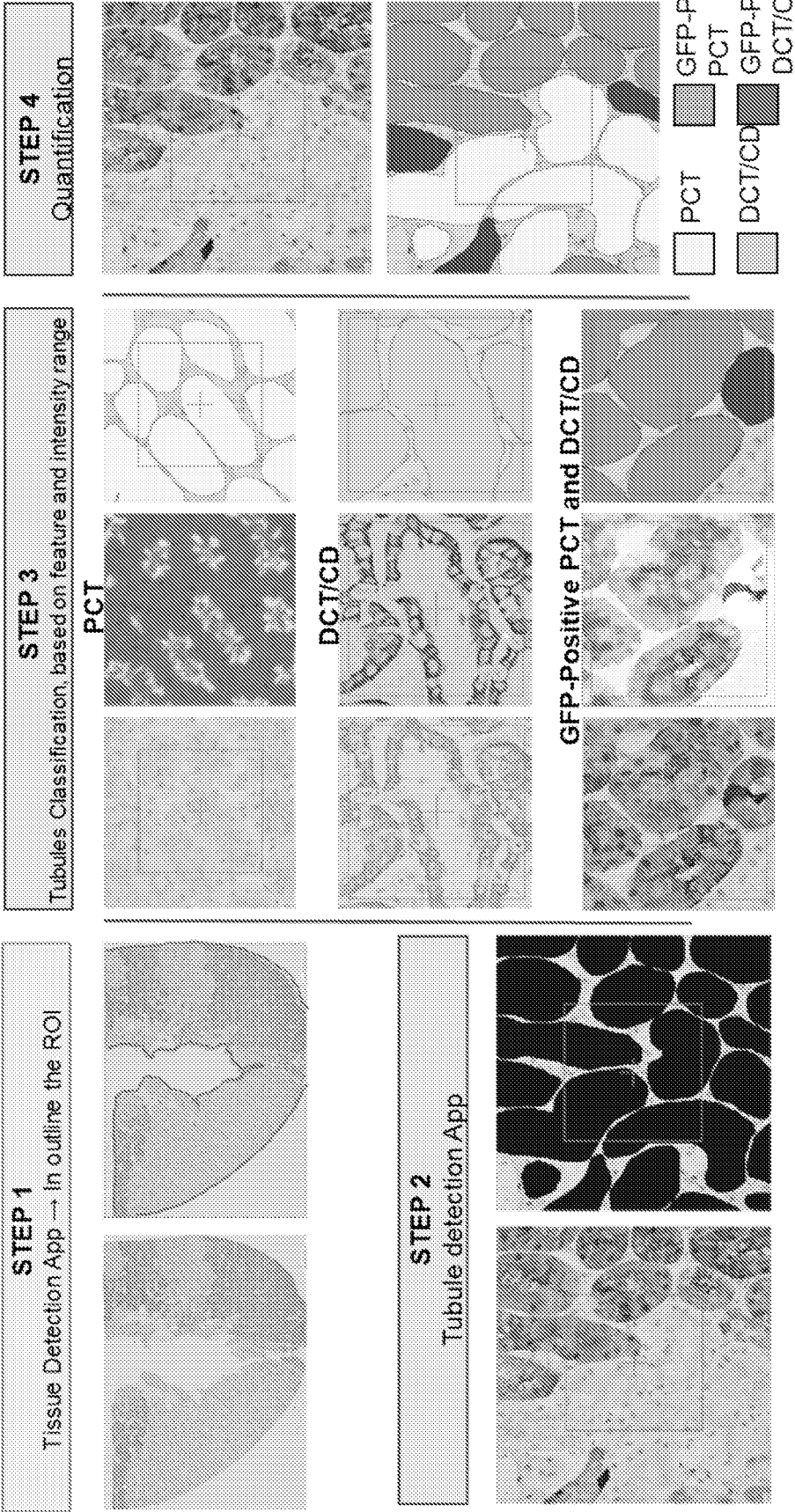
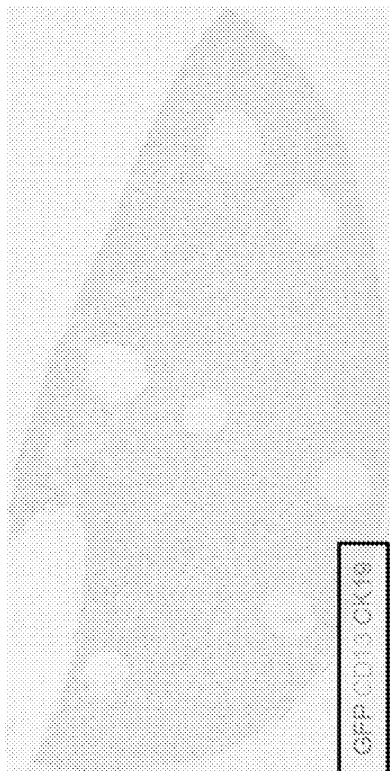


Fig. 8A

NHP-Con-RU1

Anterior-Superior



Anterior-Inferior



Posterior-Superior



* Staining Artifact

Posterior-Inferior



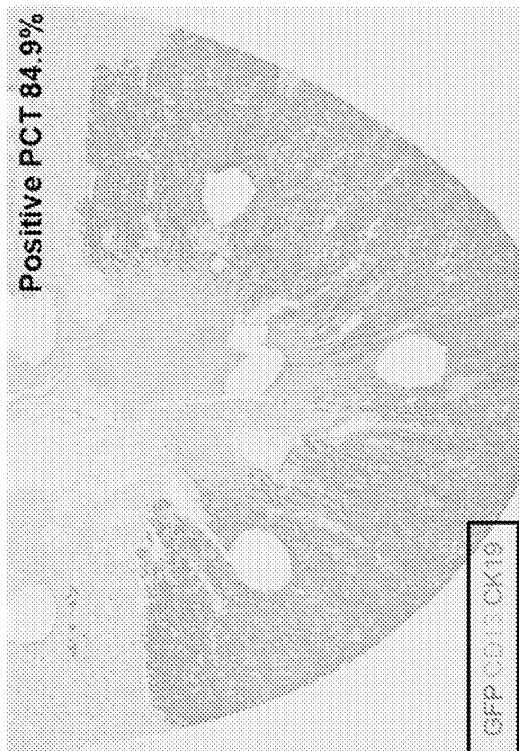
Fig. 8B

WO 2024/249692

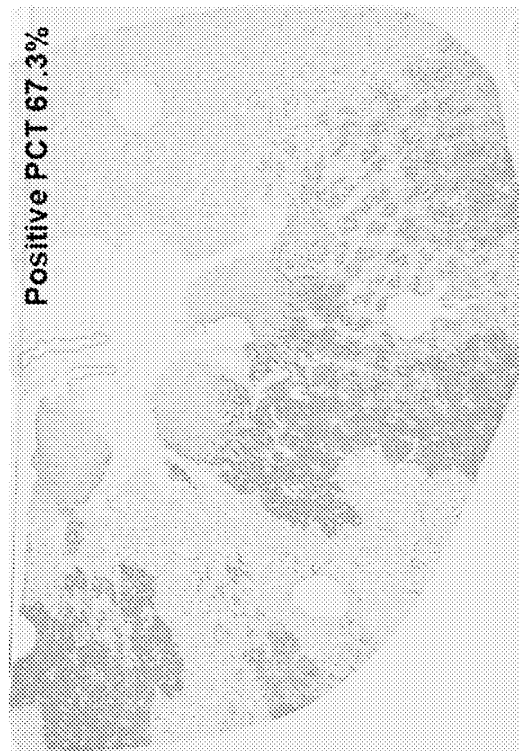
PCT/US2024/031768

NHP-2G9-RU1

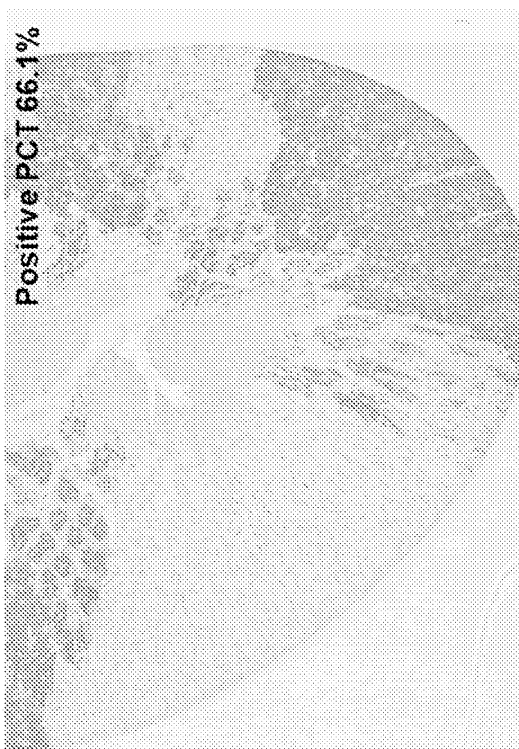
Anterior-Superior



Anterior-Inferior



Posterior-Superior



Posterior-Inferior

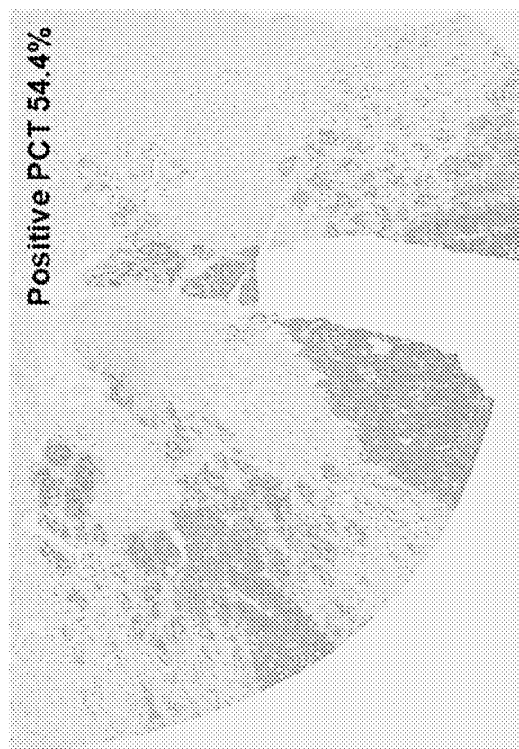


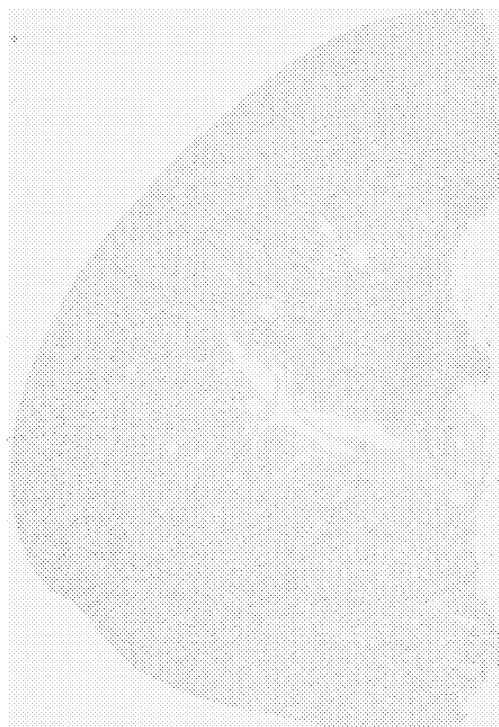
Fig. 8C

NHP-Con-RU2

Anterior-Superior



Posterior-Superior



Anterior-Inferior



Posterior-Inferior

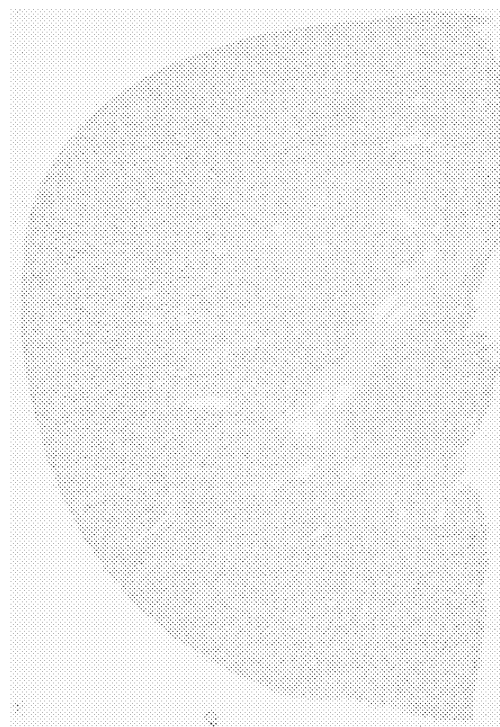
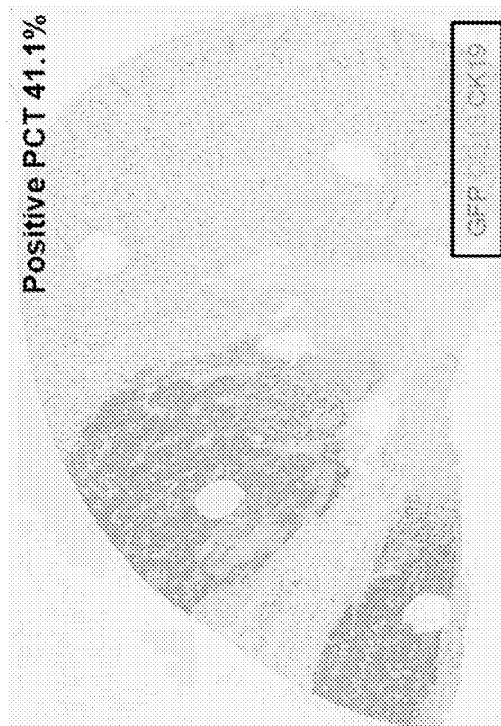


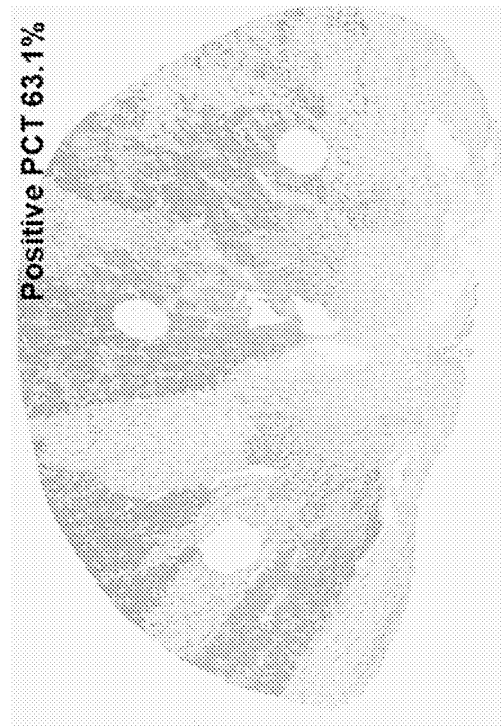
Fig. 8D

NHP-2G9-RU2

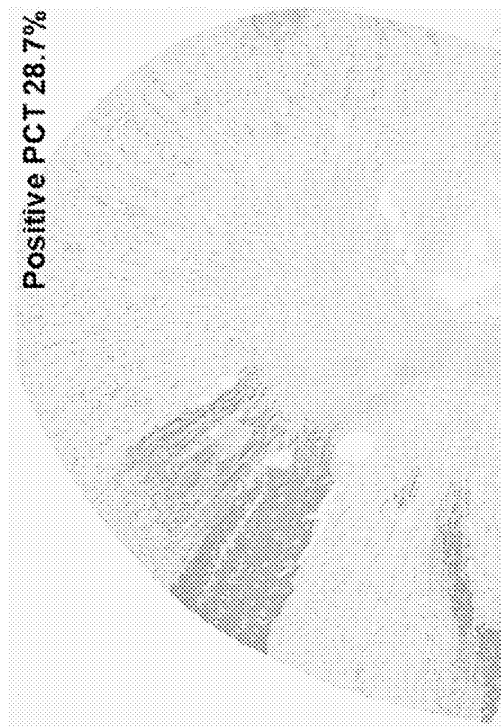
Anterior-Superior



Anterior-Inferior



Posterior-Superior



Posterior-Inferior

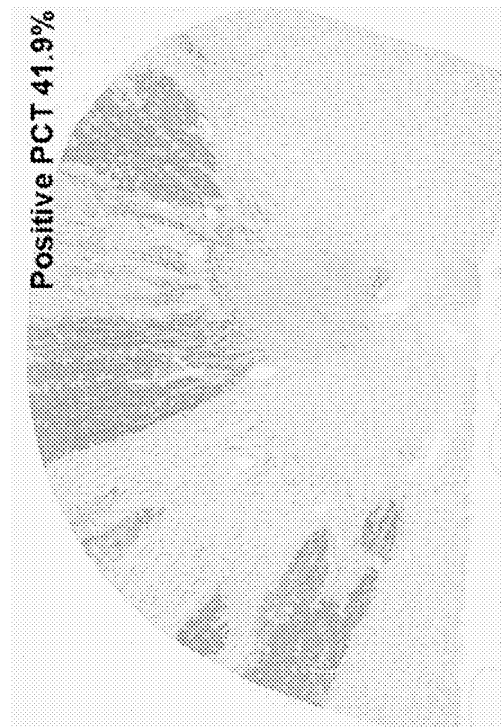


Fig. 8E

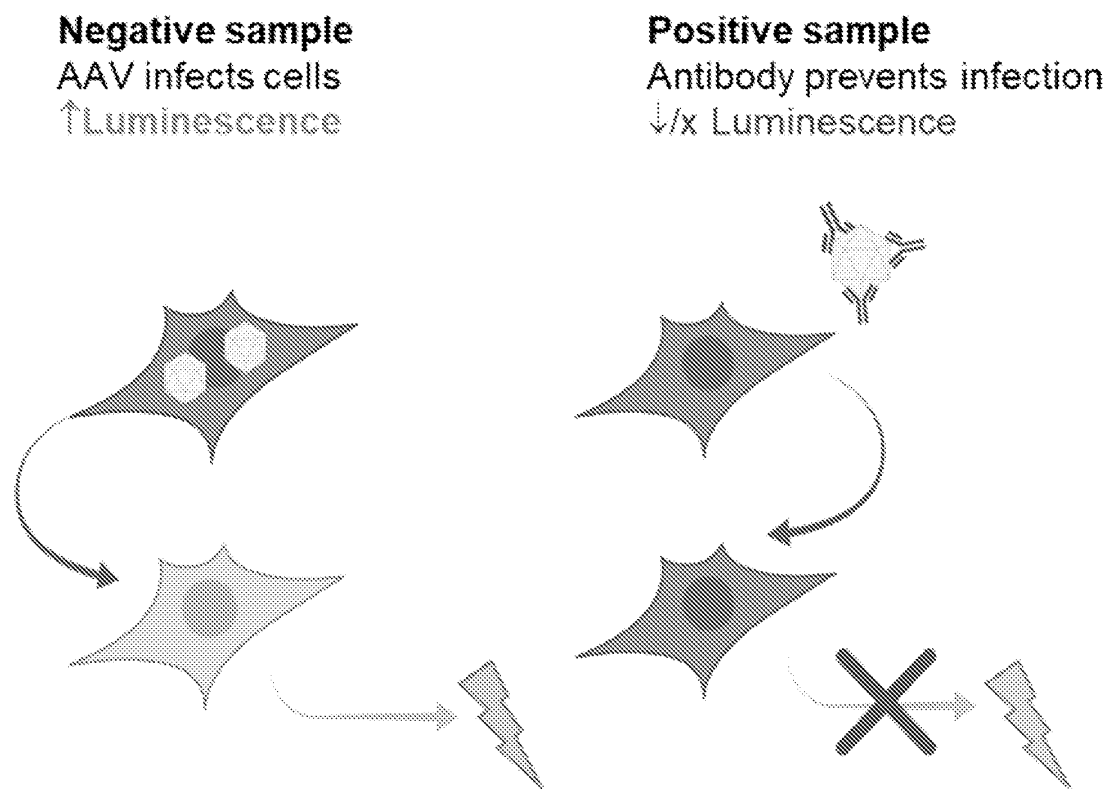
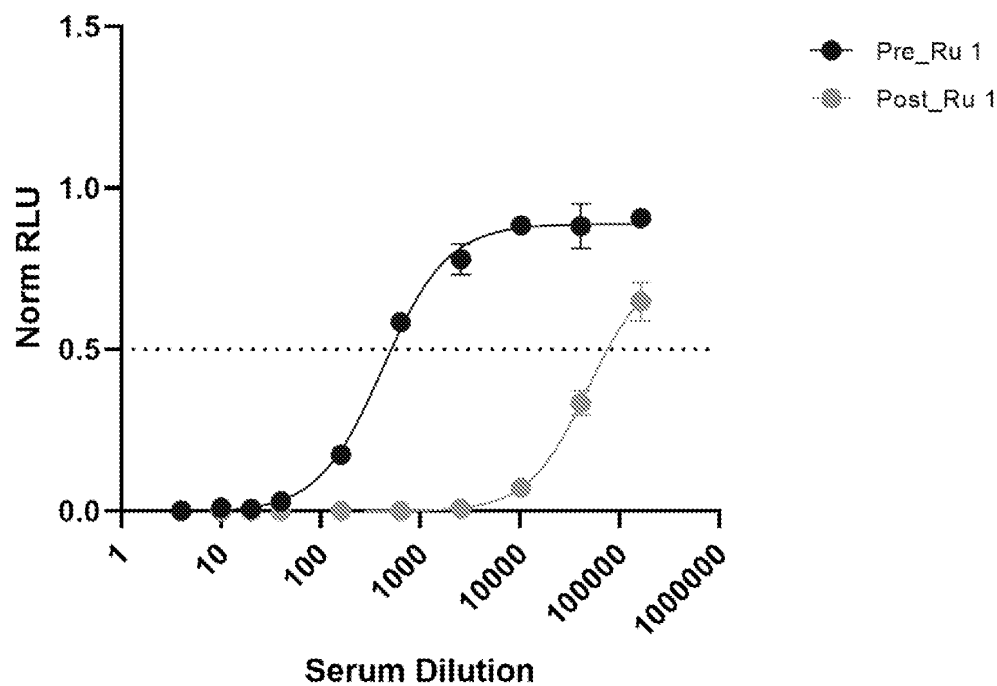


Fig. 9A

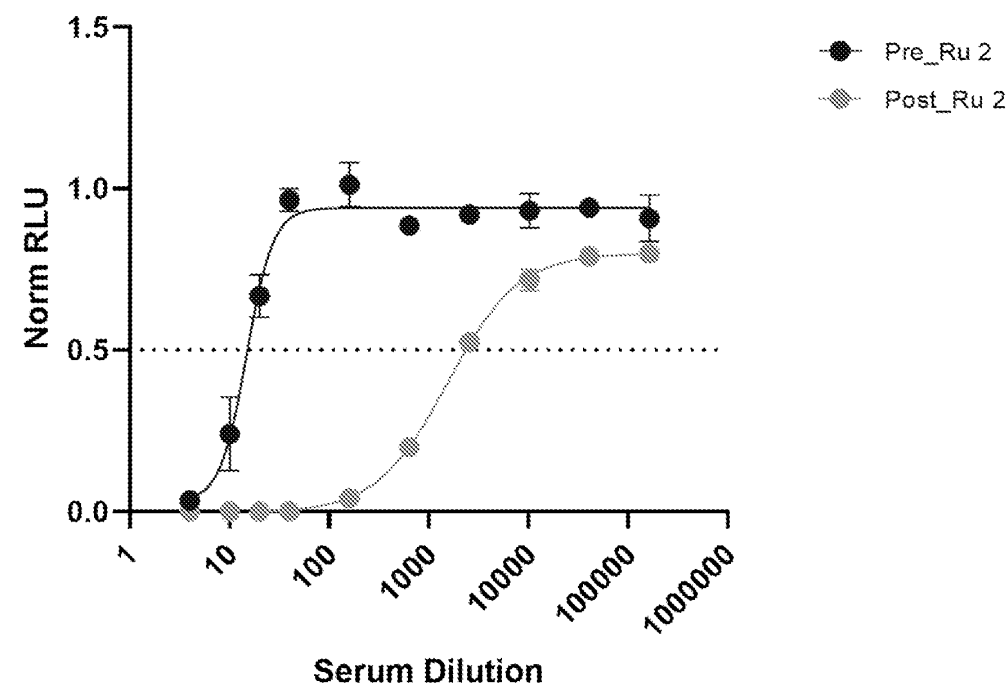
NHP Serum_Pre_Post_Serum



Serum Dilution (Interpolated)	Pre_Ru 1 (Entered)	Post_Ru 1 (Entered)
512.375	0.500	
75885.430		0.500

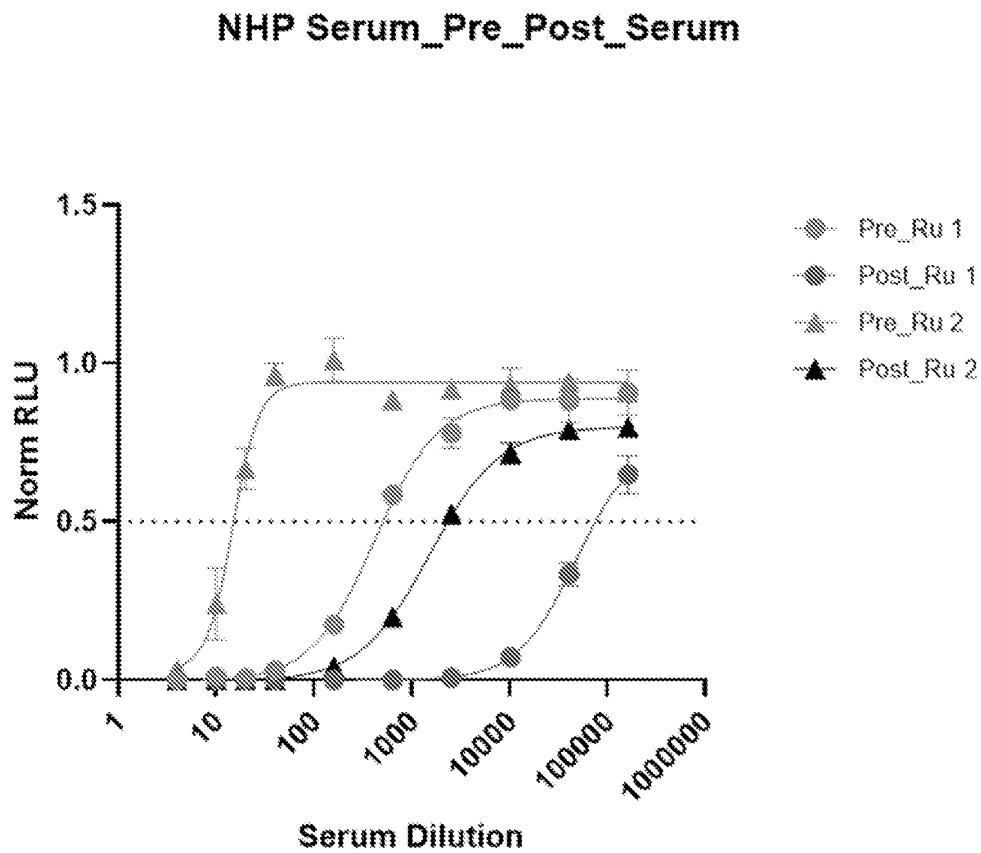
Fig. 9B

NHP Serum_Pre_Post_Serum



Serum Dilution (Interpolated)	Pre_Ru 2 (Entered)	Post_Ru 2 (Entered)
15.160	0.500	
2360.453		0.500

Fig. 9C



Sample	Titer
Ru1- Pre	1: 512
Ru1-Post	1: 75,885
Ru2-Pre	1: 15
Ru2-Post	1: 2360

Fig. 9D

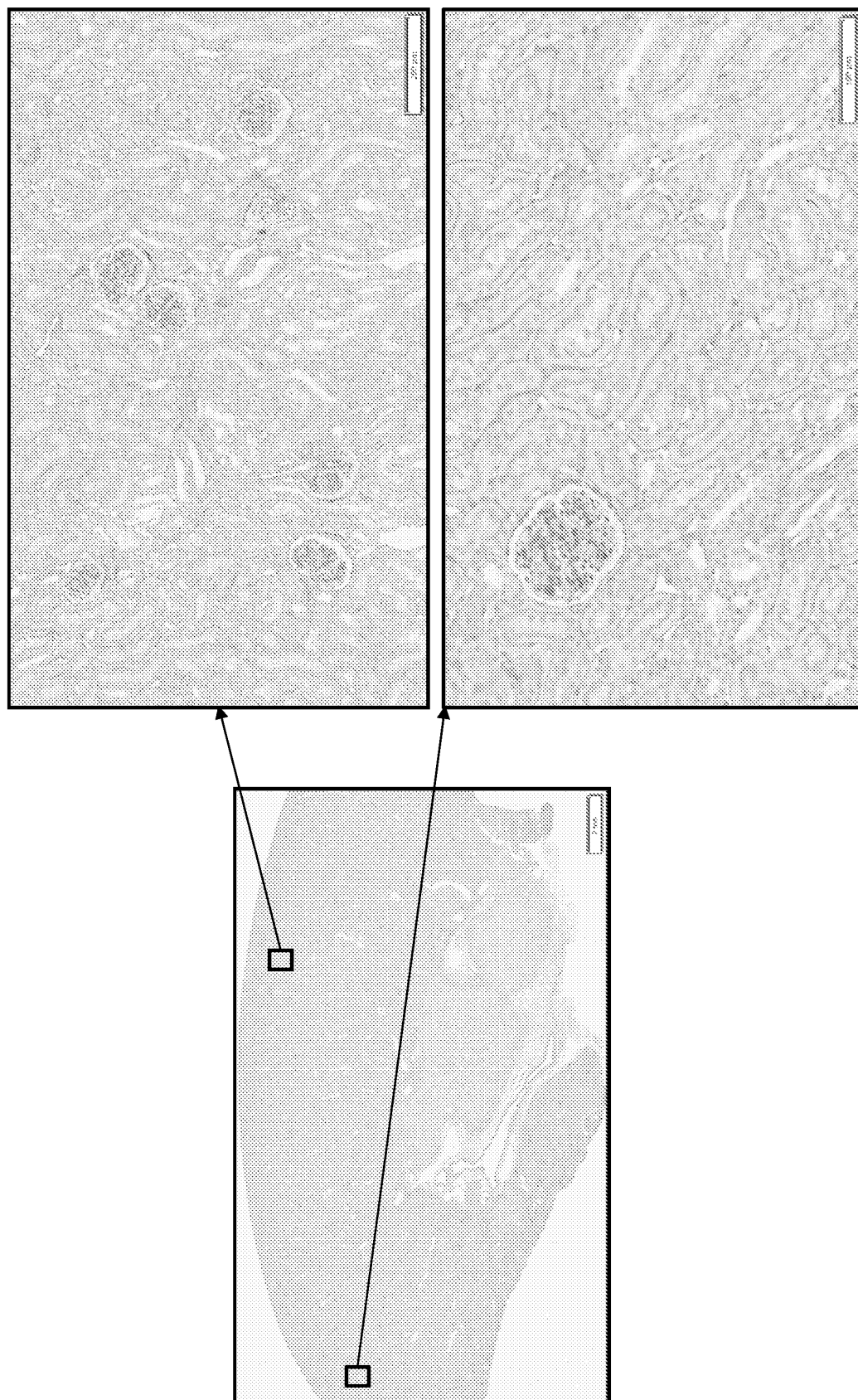


Fig. 10A

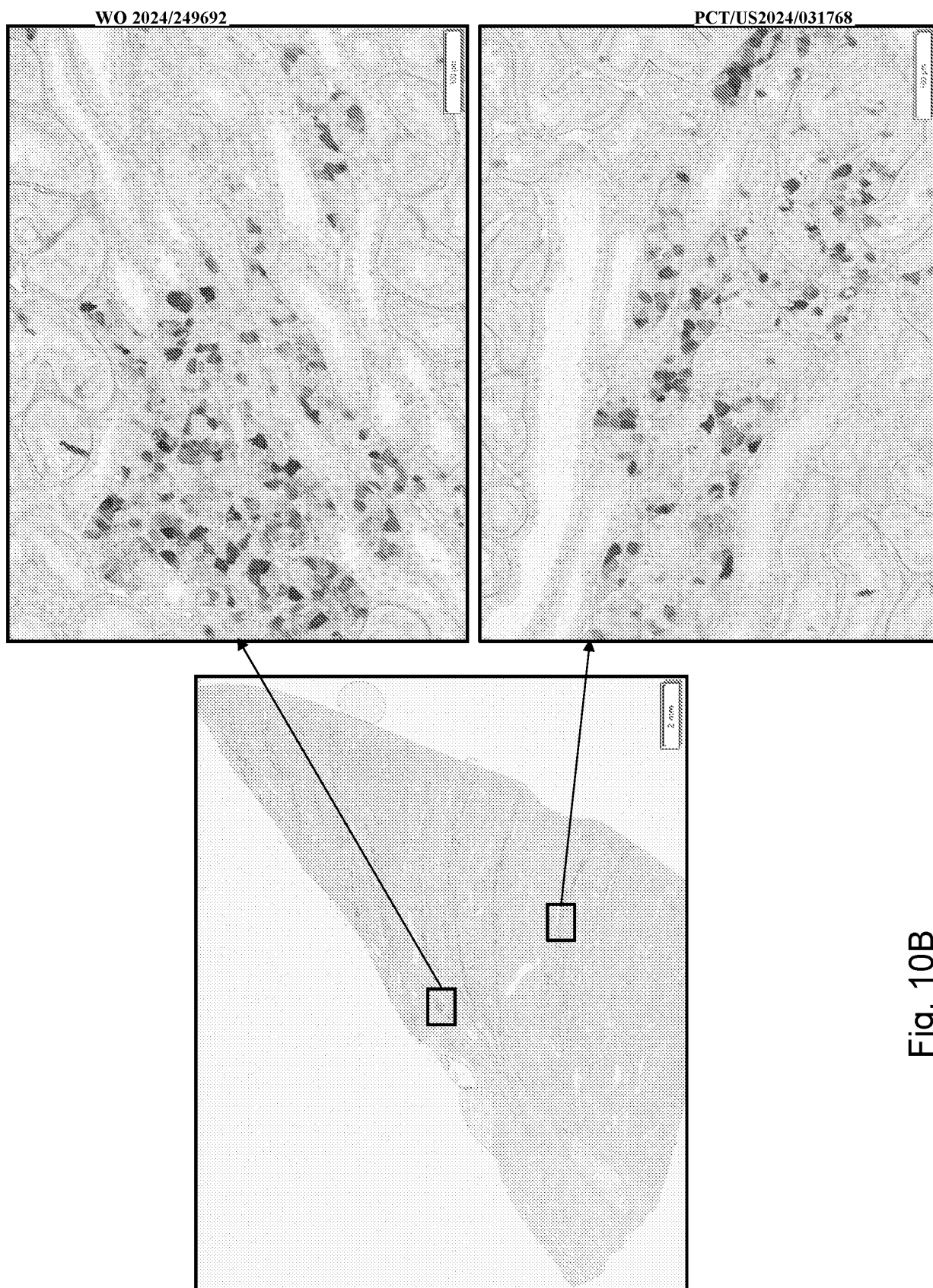


Fig. 10B

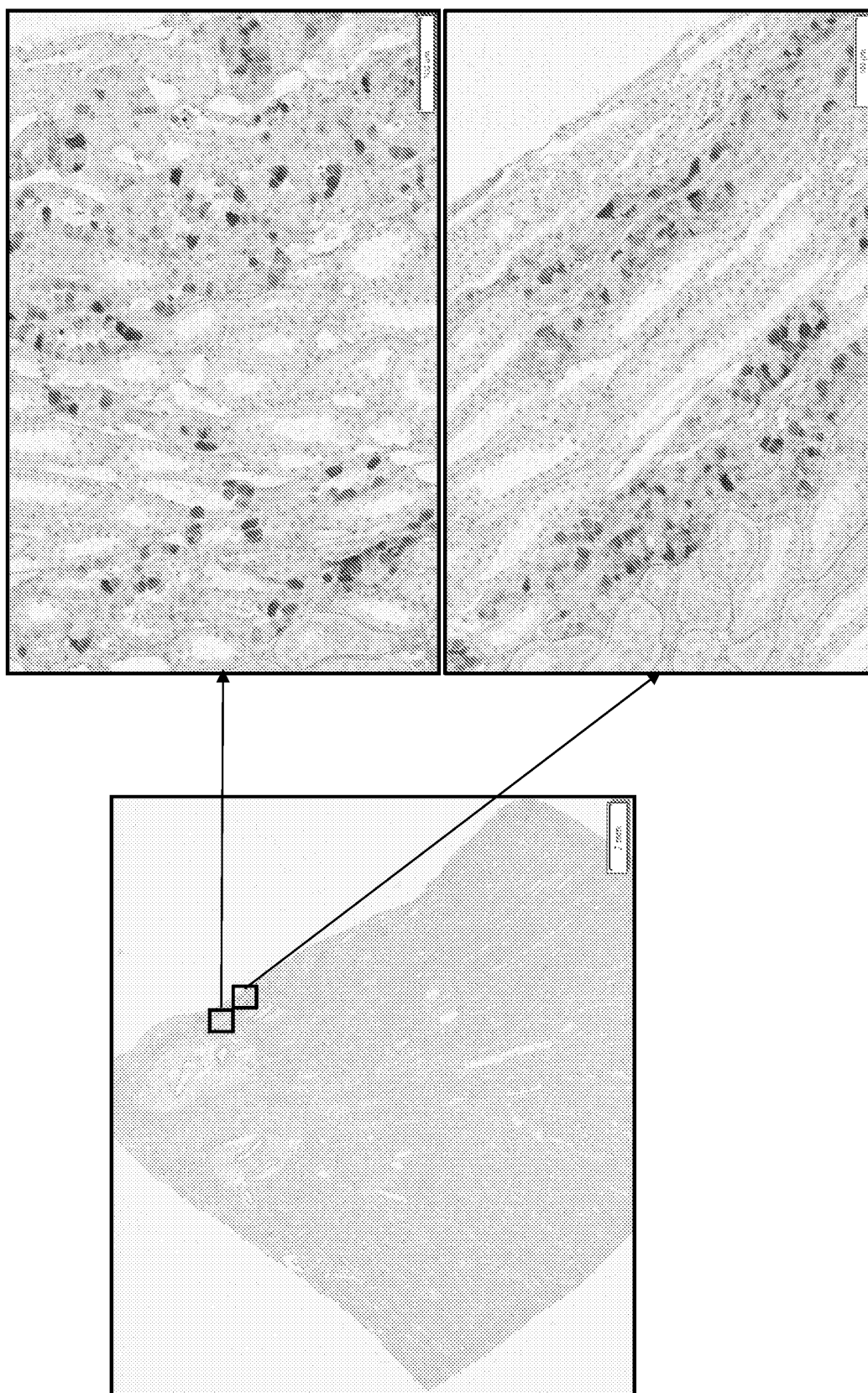
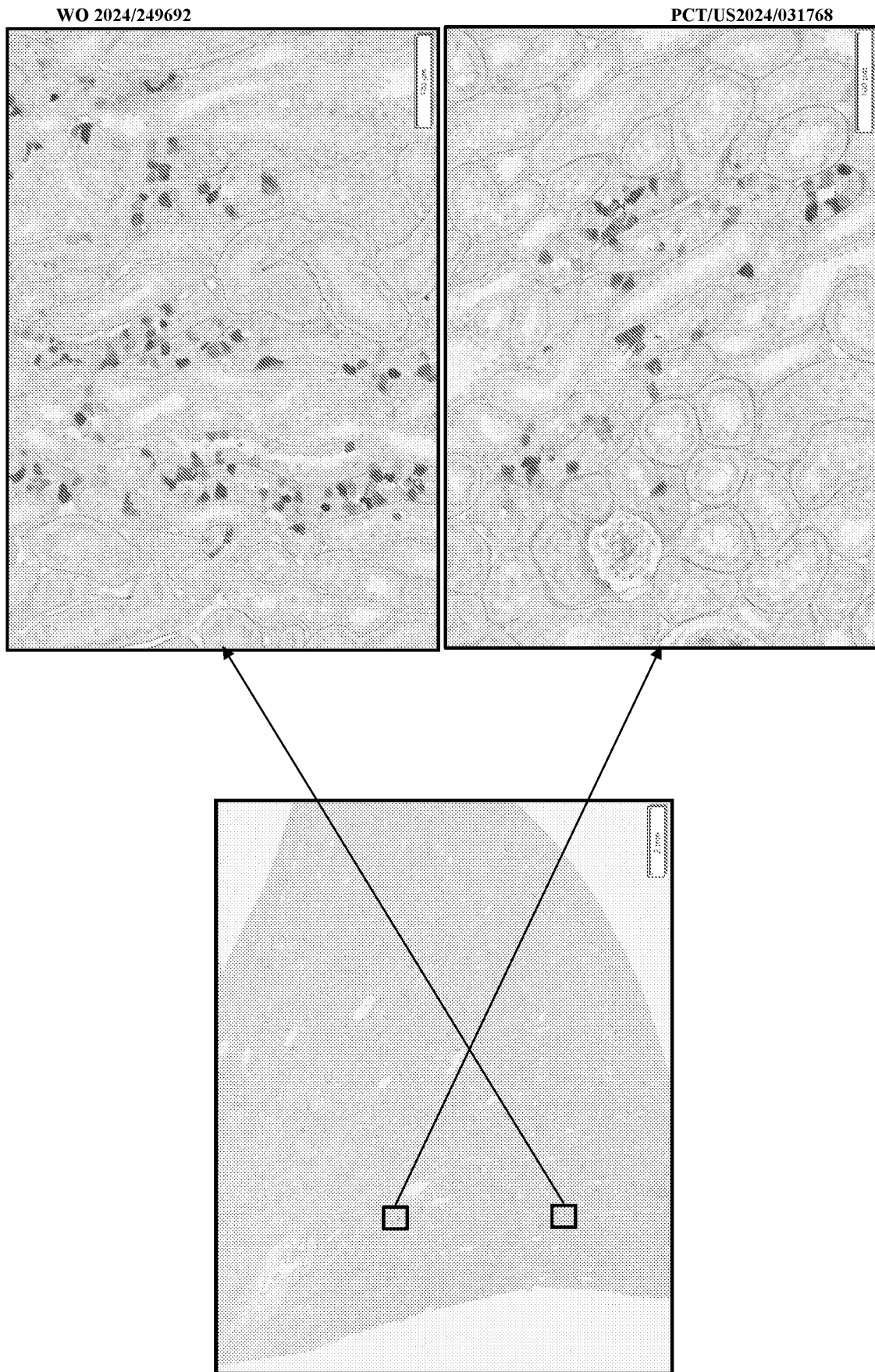
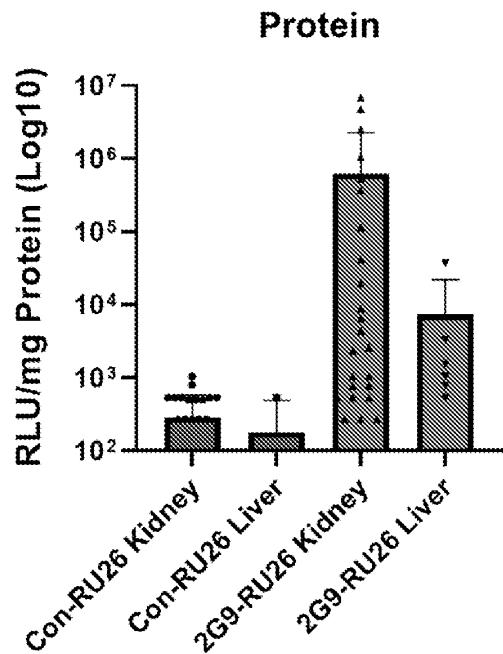


Fig. 10C





Sample:	Average RLU/mg
Con-RU26 Kidney	2.82E+02
Con-RU26 Liver	1.78E+02
2G9-RU26 Kidney	6.20E+05
2G9-RU26 Liver	7.34E+03

Fig. 10E