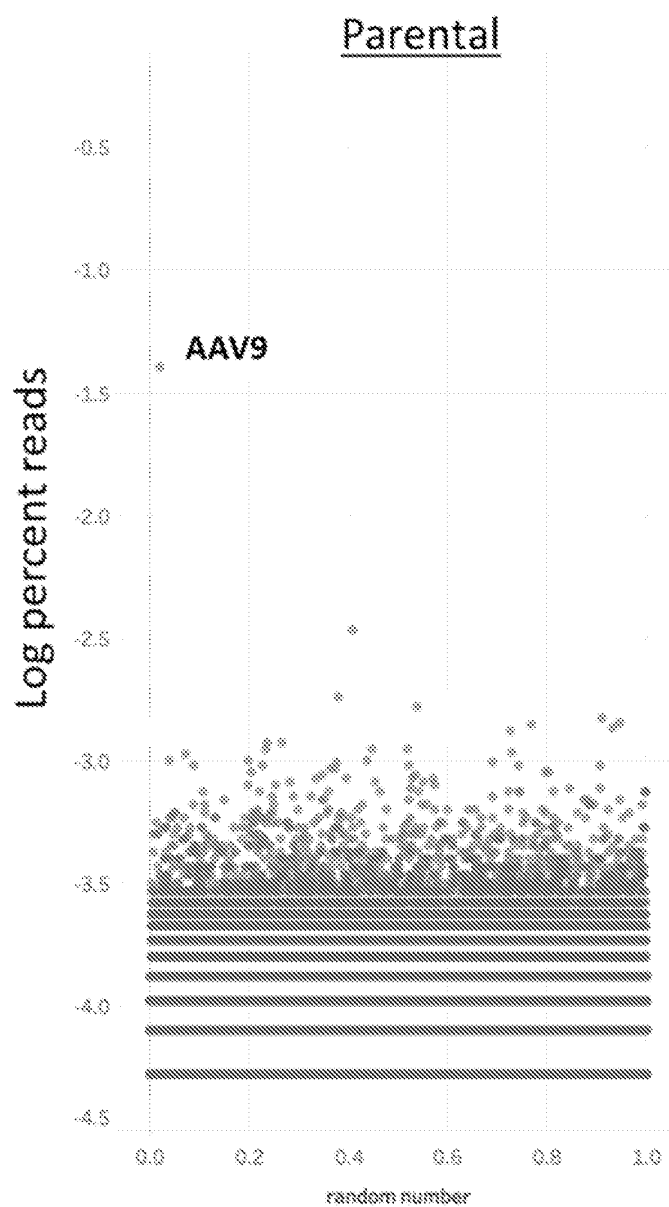
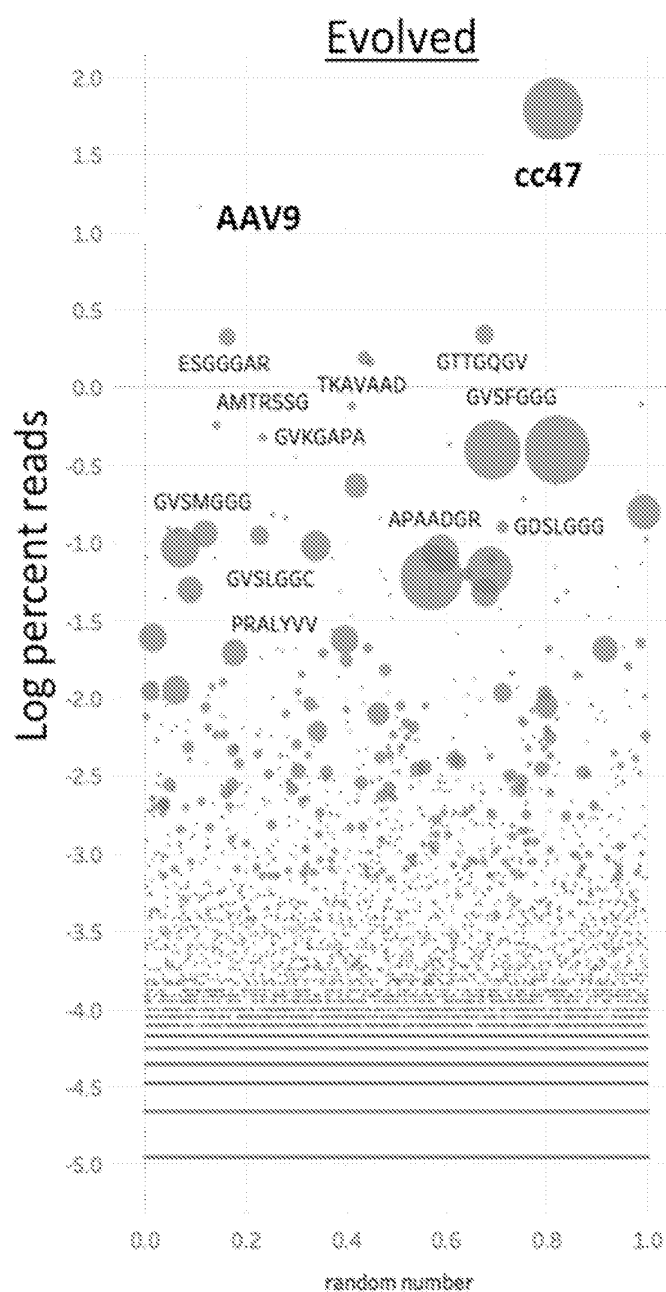
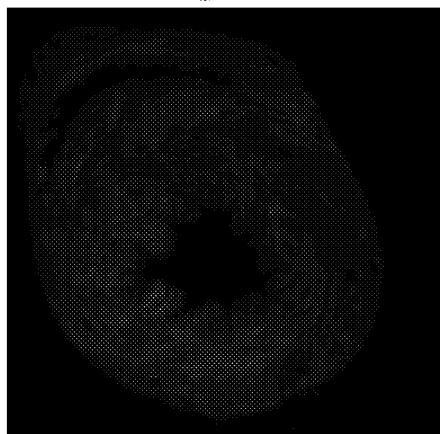
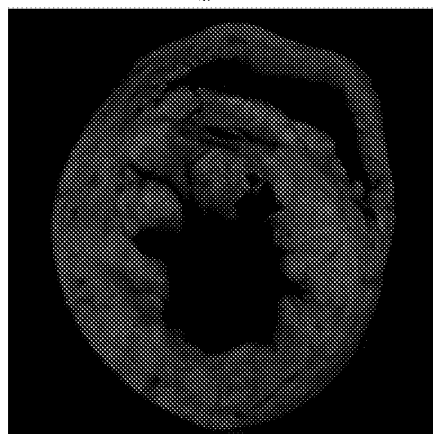
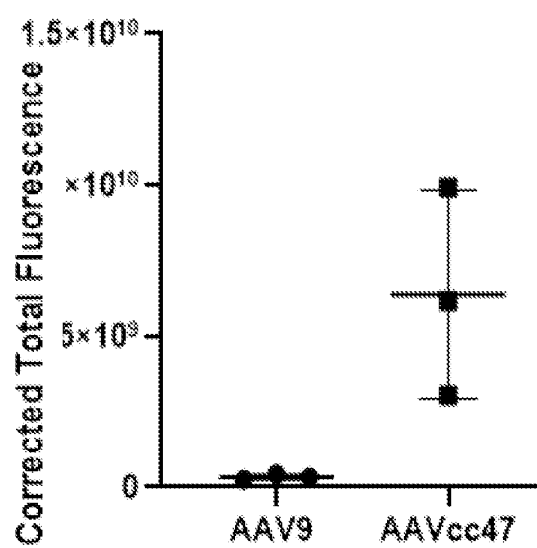
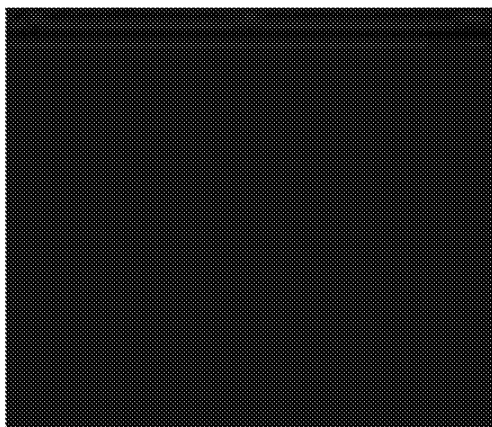
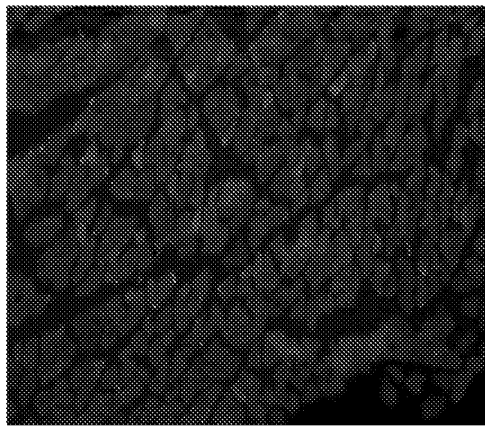
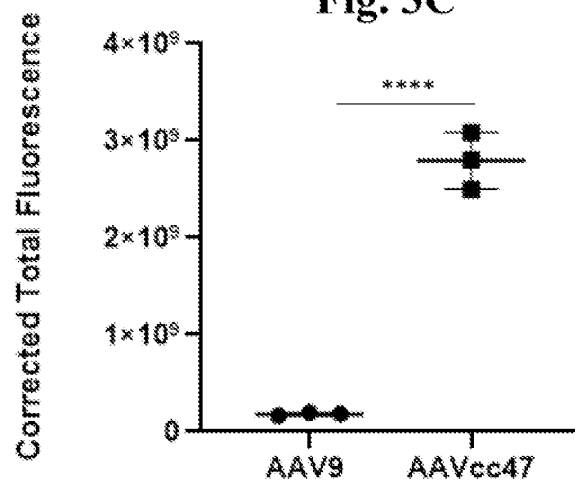
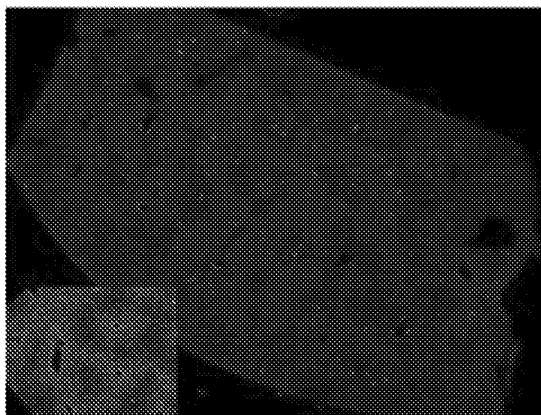
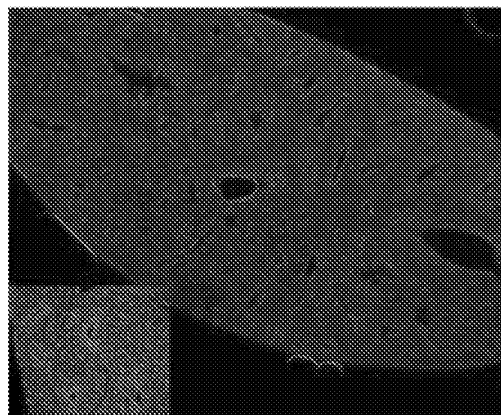
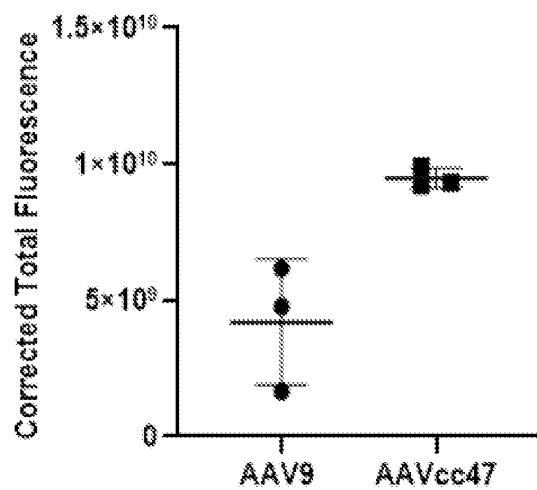
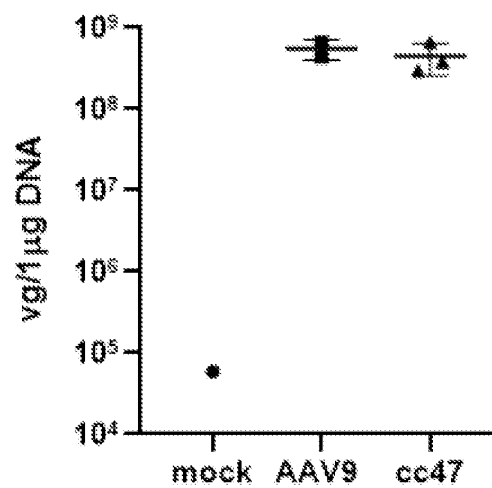


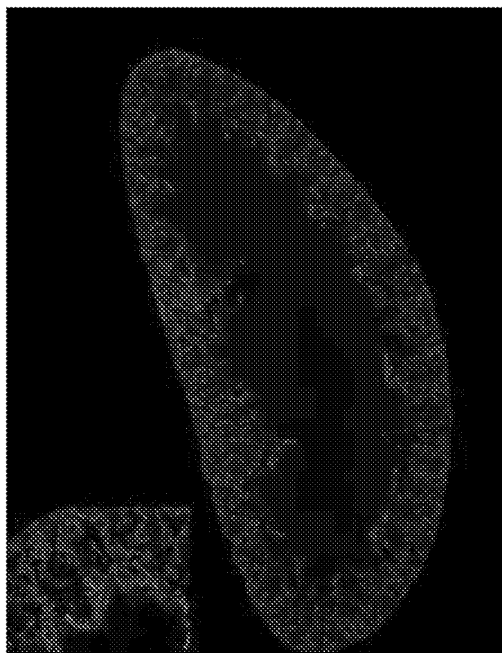
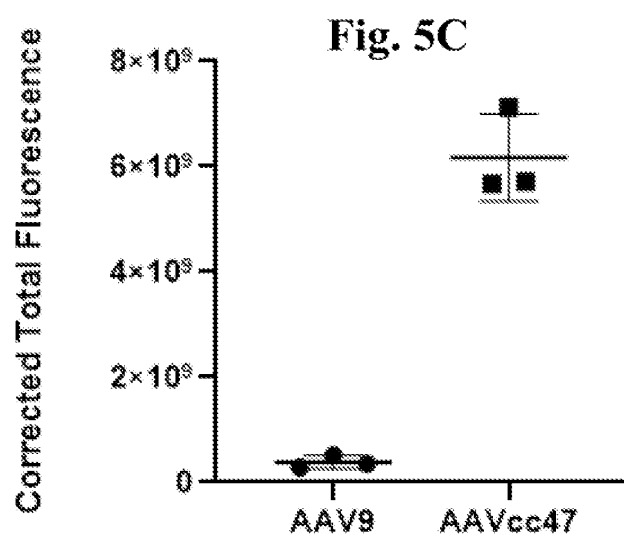
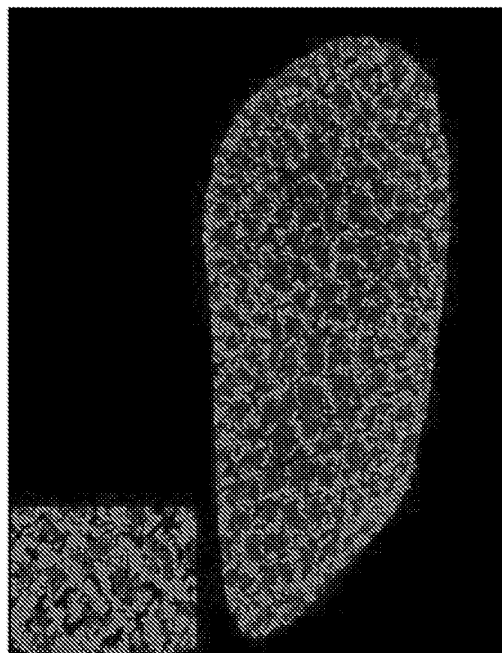
1/34**Fig. 1A**

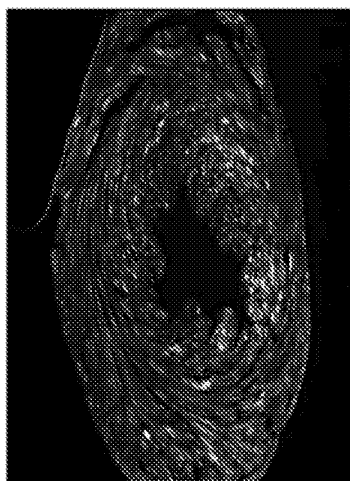
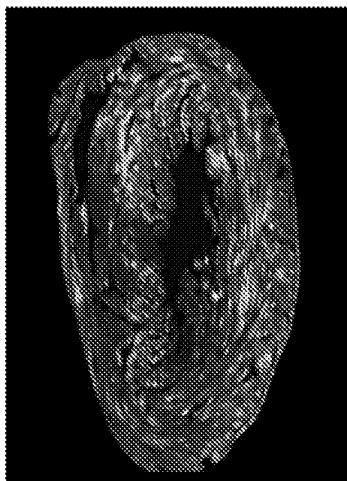
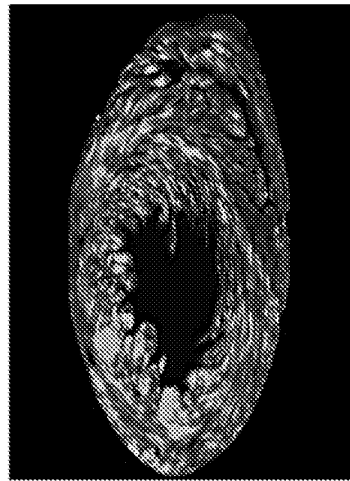
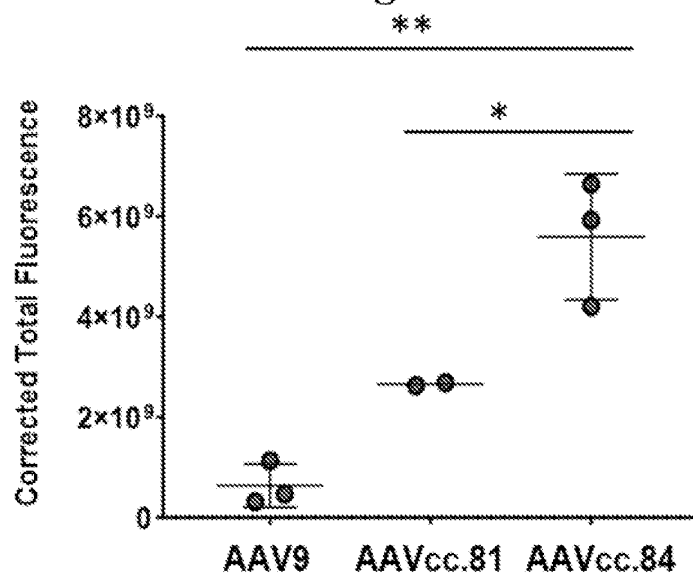
2/34**Fig. 1B**

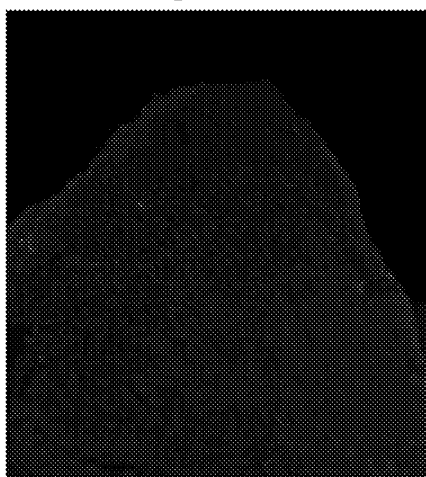
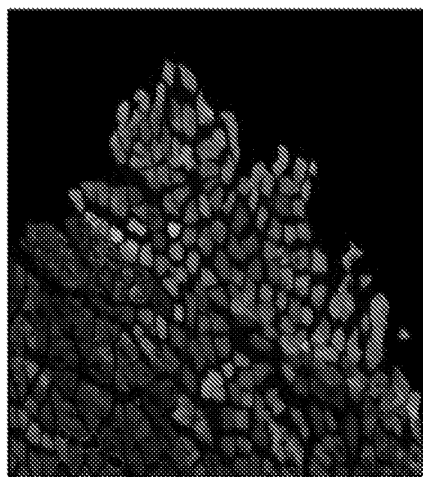
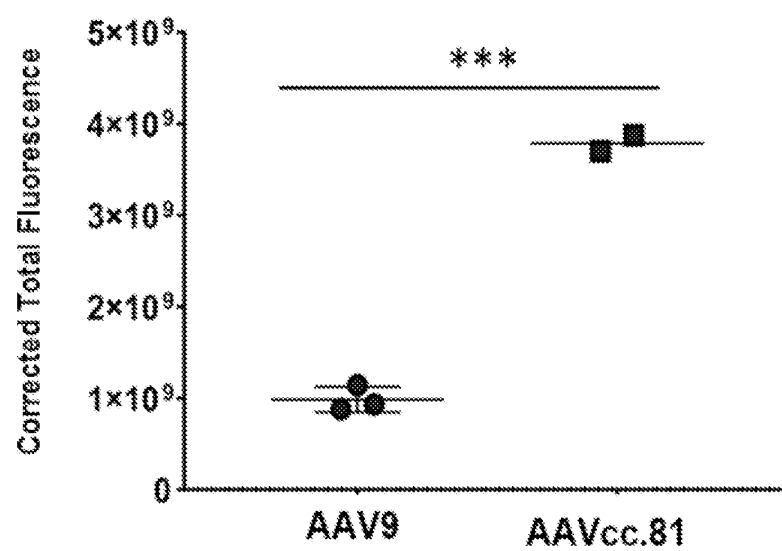
3/34**Fig. 2A****Fig. 2B****Fig. 2C**

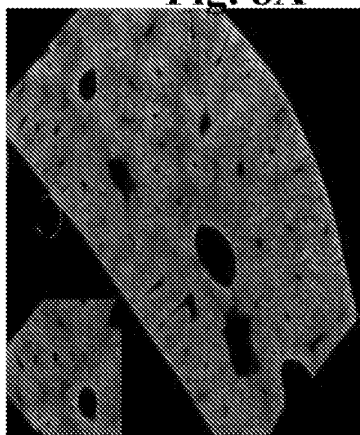
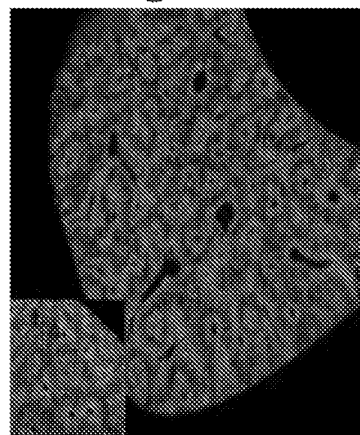
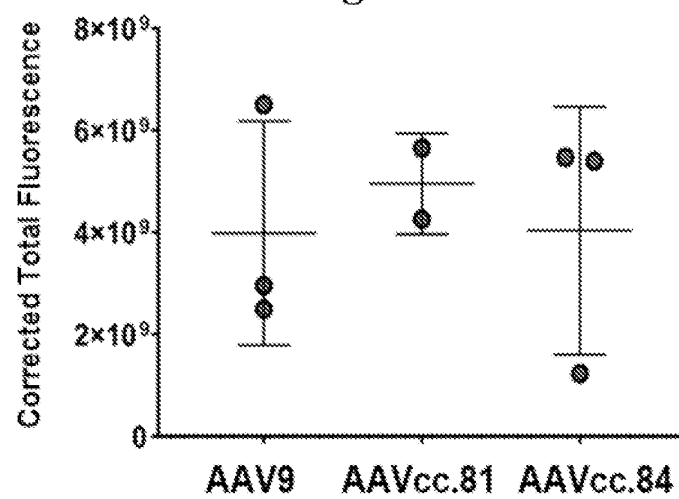
4/34**Fig. 3A****Fig. 3B****Fig. 3C**

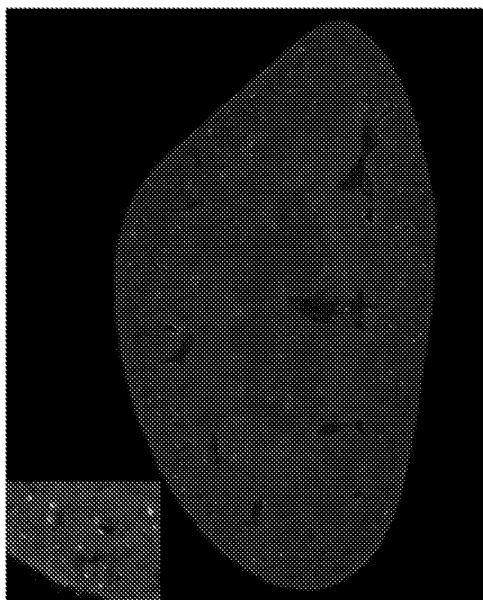
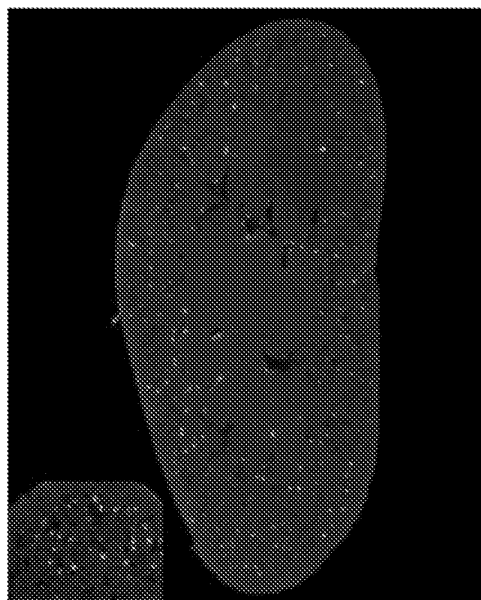
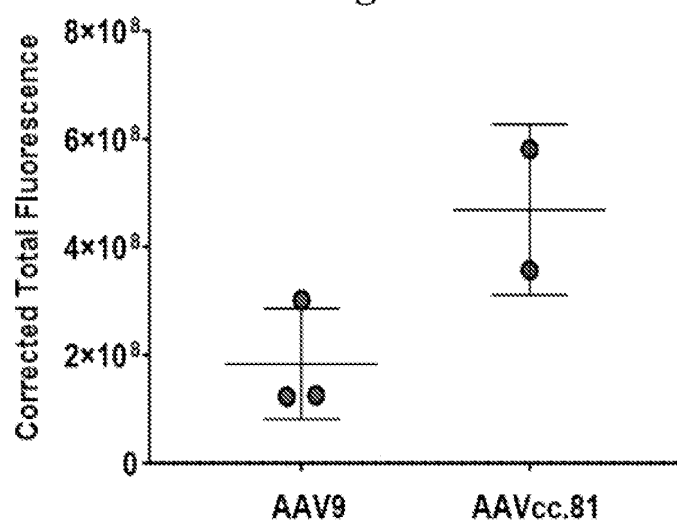
5/34**Fig. 4A****Fig. 4B****Fig. 4C****Fig. 4D**

6/34**Fig. 5A****Fig. 5B**

7/34**Fig. 6A****Fig. 6B****Fig. 6C****Fig. 6D**

8/34**Fig. 7A****Fig. 7B****Fig. 7C**

9/34**Fig. 8A****Fig. 8B****Fig. 8C****Fig. 8D**

10/34**Fig. 9A****Fig. 9B****Fig. 9C**

11/34

Fig. 10A

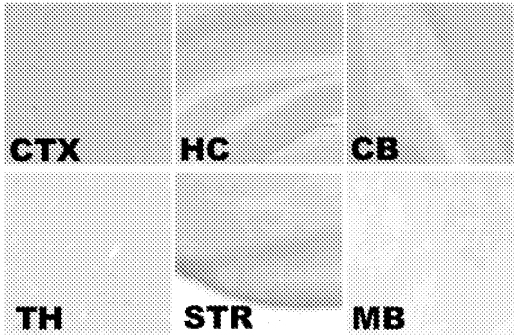


Fig. 10B

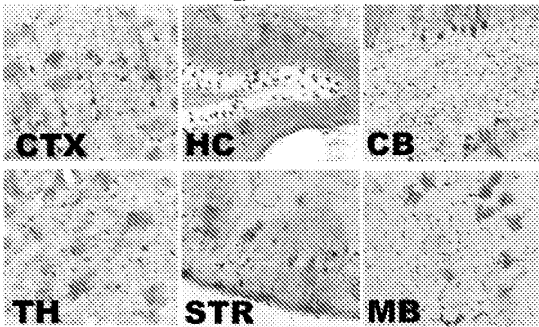


Fig. 10C

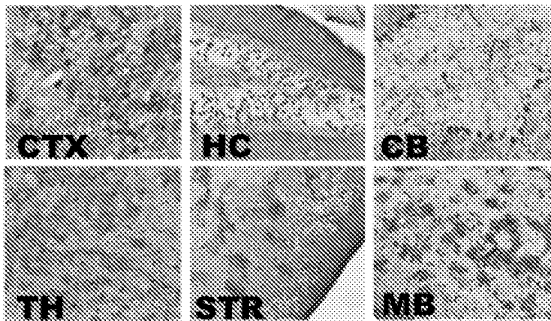


Fig. 10D

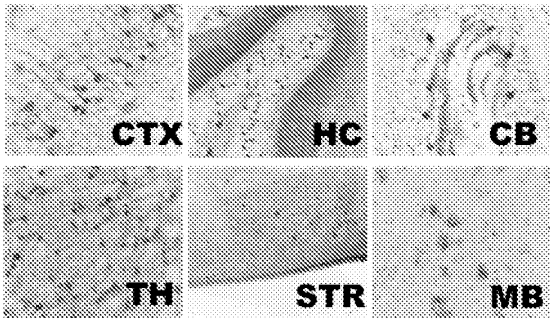
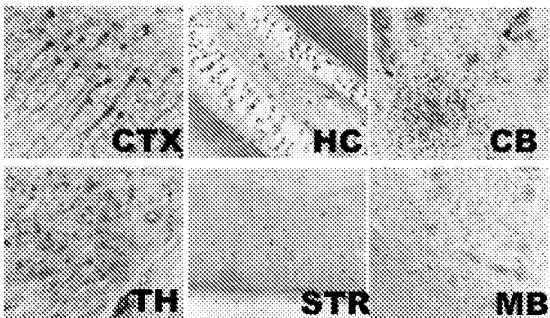
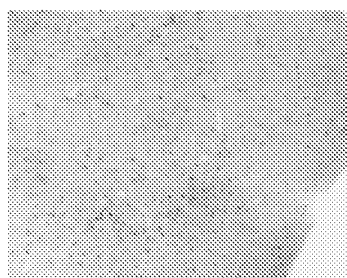


Fig. 10E



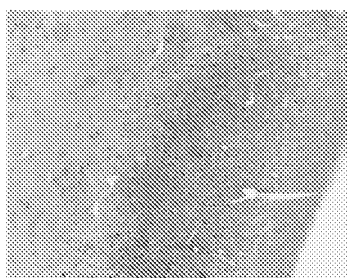
12/34

Fig. 11A



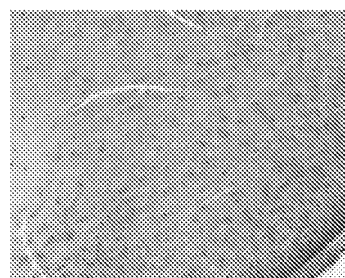
Frontal Cortex

Fig. 11B



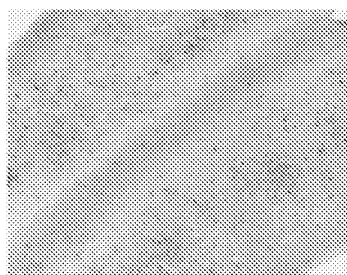
Parietal Cortex

Fig. 11C



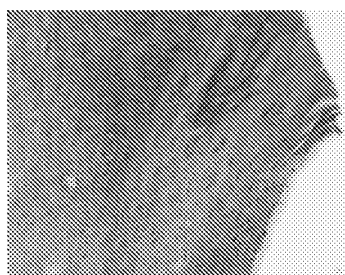
Thalamus

Fig. 11D



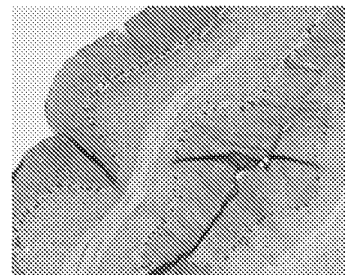
Occipital Cortex

Fig. 11E



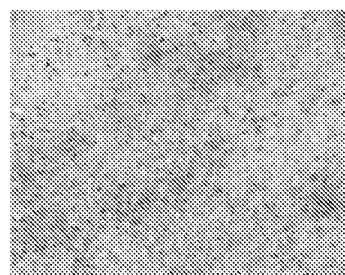
Brainstem

Fig. 11F



Cerebellum

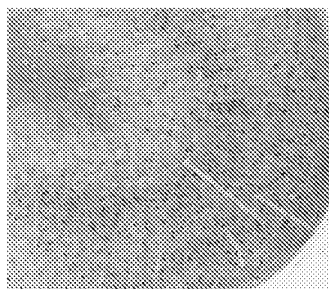
Fig. 11G



Midbrain

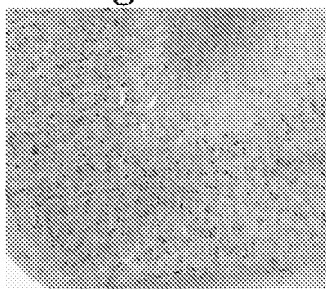
13/34

Fig. 12A



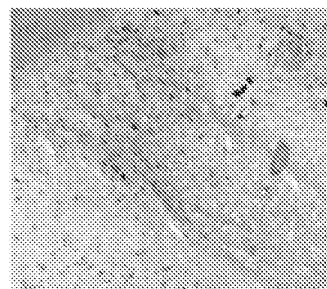
Frontal Cortex

Fig. 12B



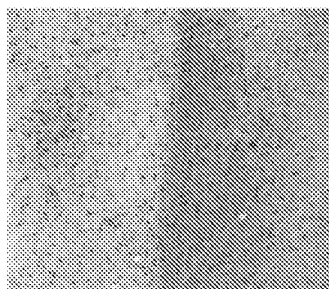
Parietal Cortex

Fig. 12C



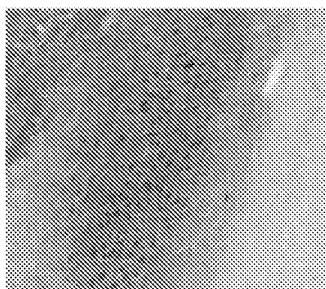
Thalamus

Fig. 12D



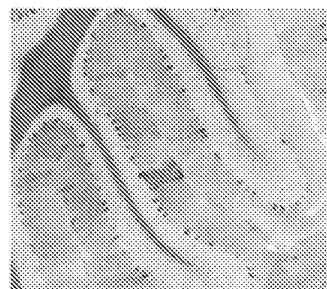
Occipital Cortex

Fig. 12E



Brainstem

Fig. 12F



Cerebellum

Fig. 12G



Midbrain

14/34

Fig. 13A



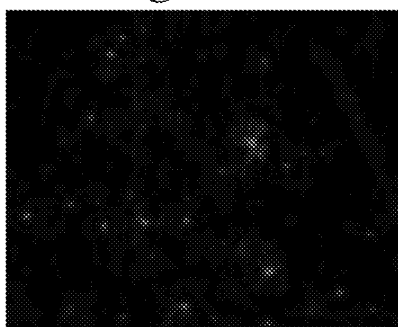
AAVcc.47

Fig. 13B



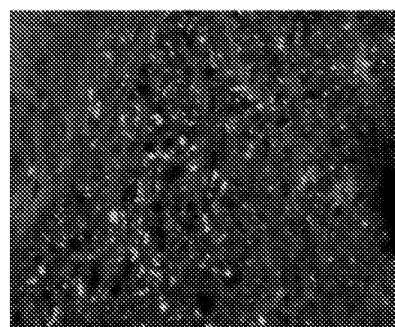
AAVcc.84

Fig. 13C



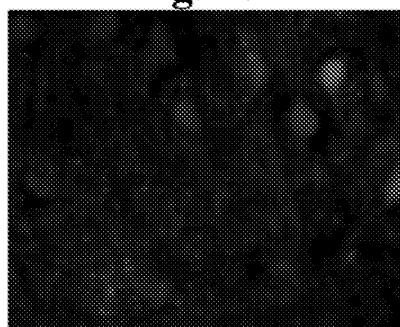
White matter

Fig. 13D



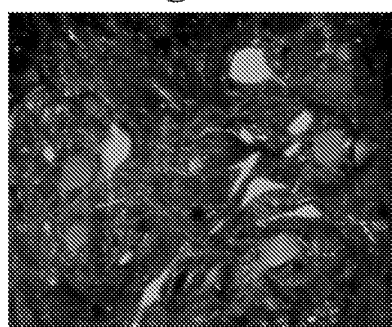
White matter

Fig. 13E



Grey matter

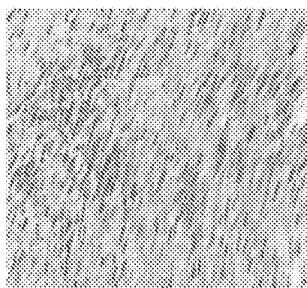
Fig. 13F



Grey matter

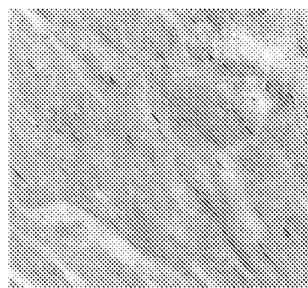
15/34

Fig. 14A



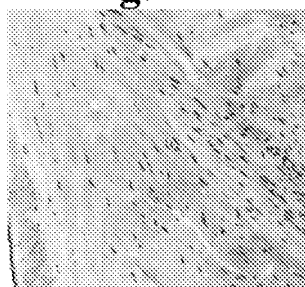
Left Ventricle

Fig. 14D



Left Ventricle

Fig. 14B



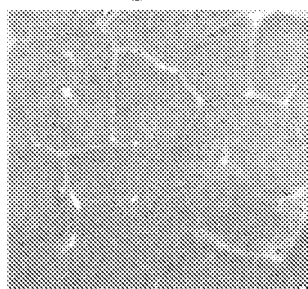
Right Ventricle

Fig. 14E



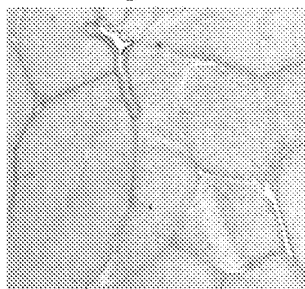
Right Ventricle

Fig. 14C

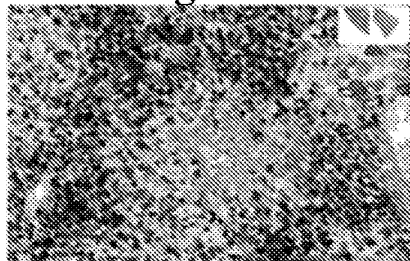
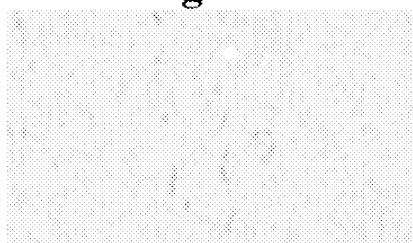
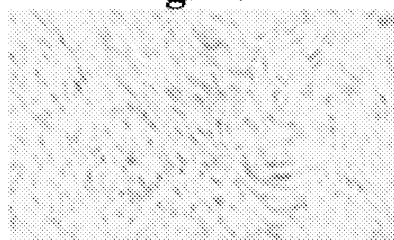
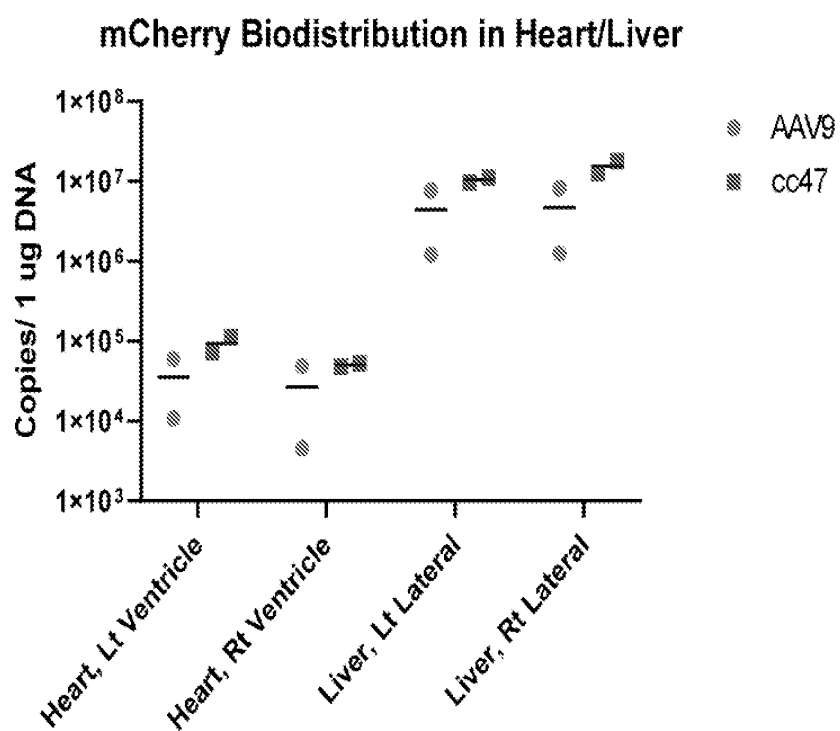


Liver

Fig. 14F



Liver

16/34**Fig. 15A****Fig. 15B****Fig. 15C****Fig. 15D****Fig. 15E**

17/34

Fig. 16A

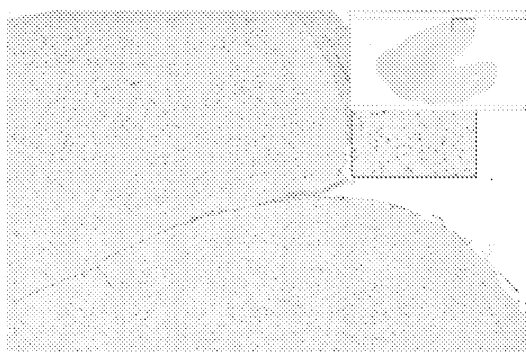


Fig. 16B

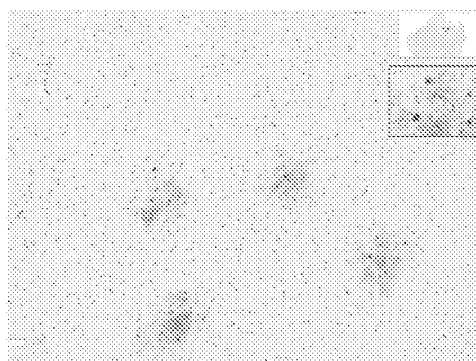


Fig. 16C

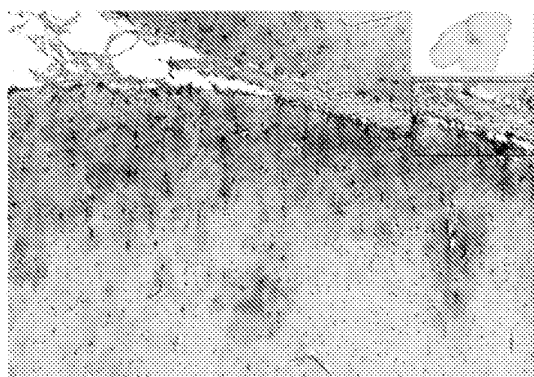
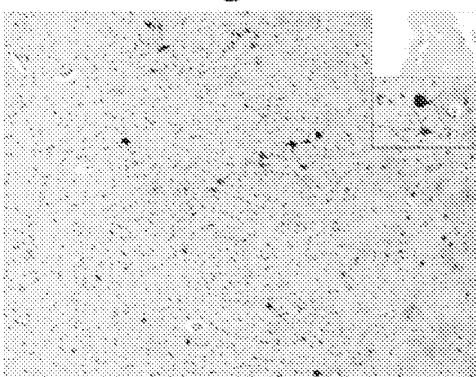


Fig. 16D



18/34

Fig. 17A

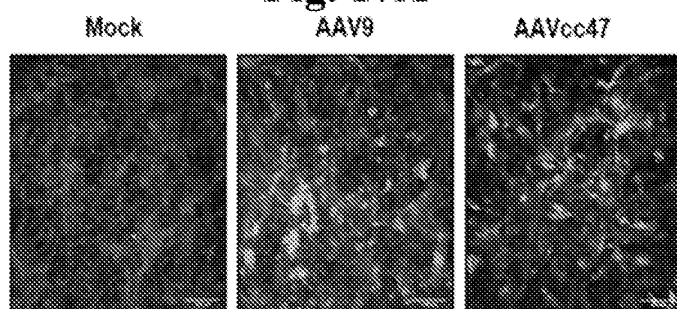


Fig. 17B

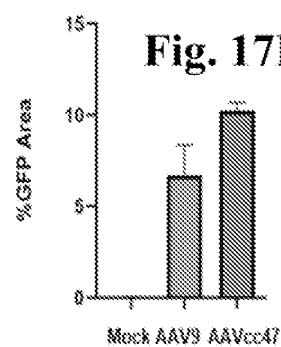


Fig. 17C

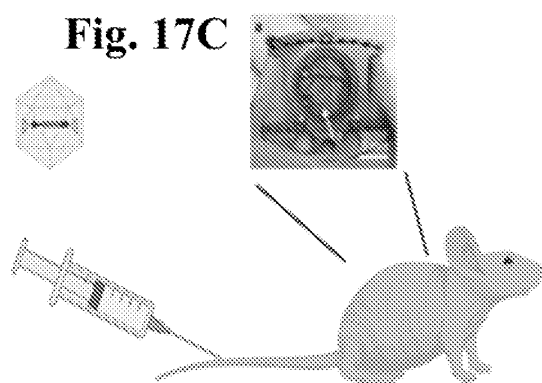
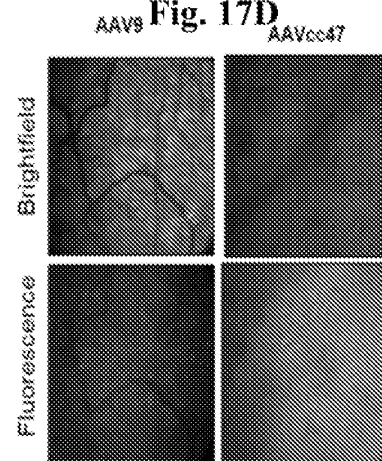


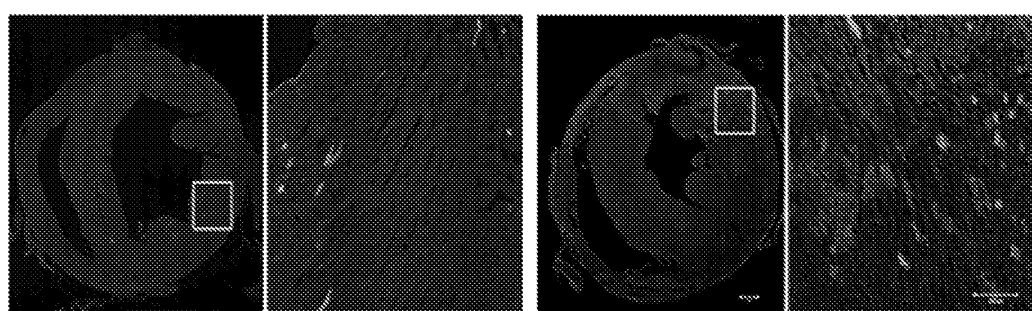
Fig. 17D



AAV9

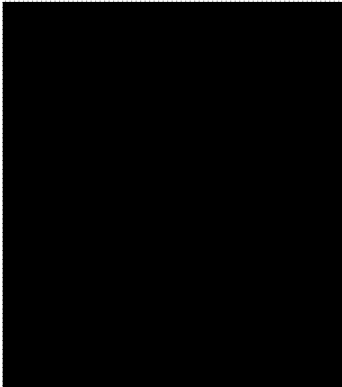
Fig. 17E

AAVcc47



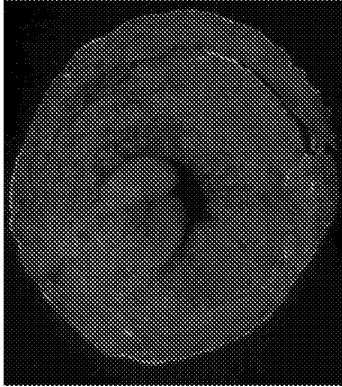
19/34

Fig. 18A



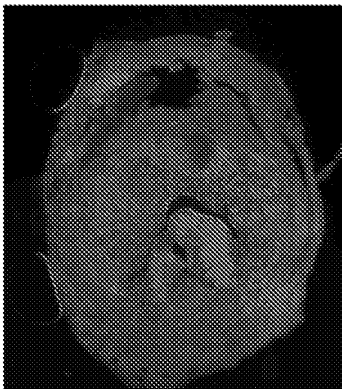
Mock

Fig. 18B



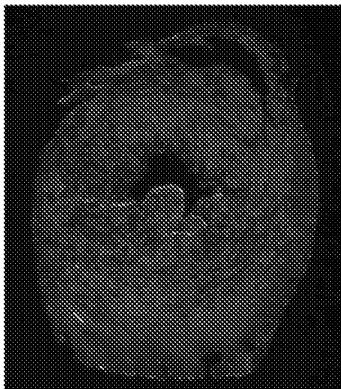
AAV9

Fig. 18C



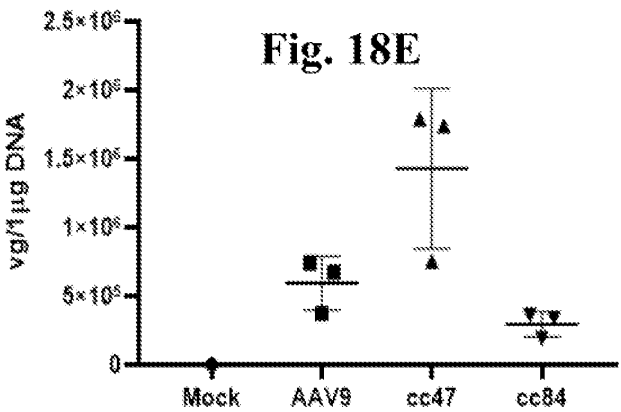
cc47

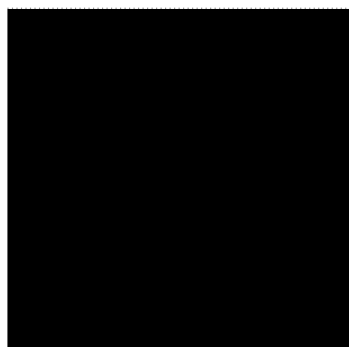
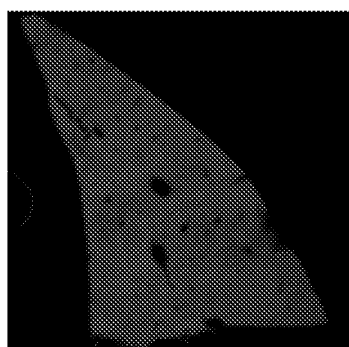
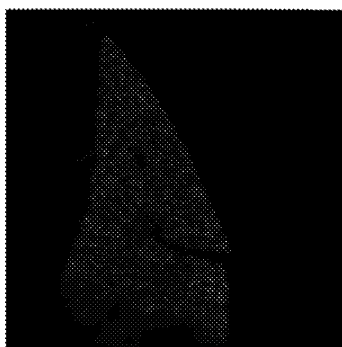
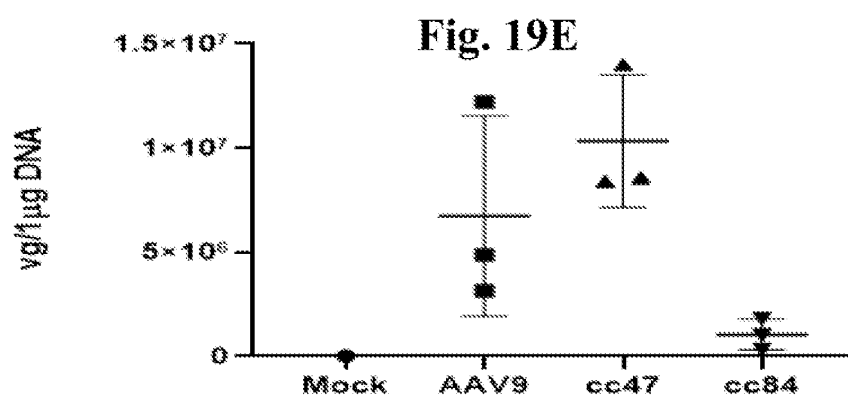
Fig. 18D



cc84

Fig. 18E



20/34**Fig. 19A****Mock****Fig. 19B****AAV9****Fig. 19C****cc47****Fig. 19D****cc84**

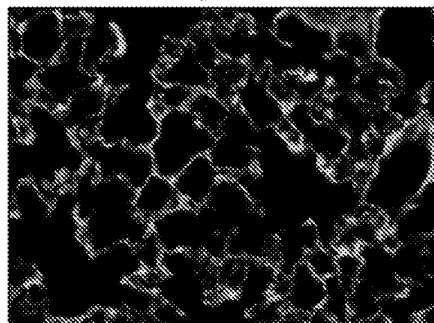
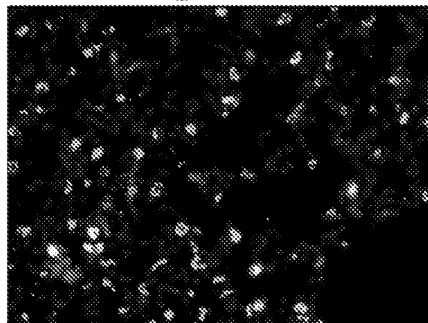
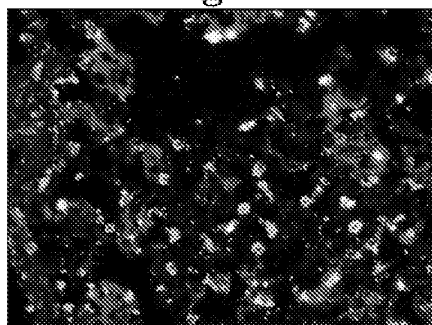
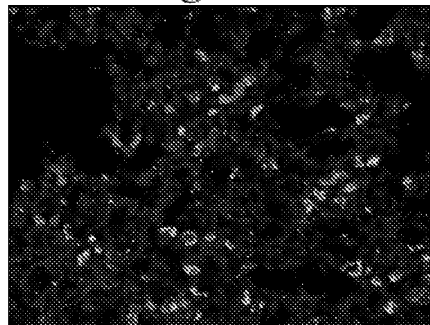
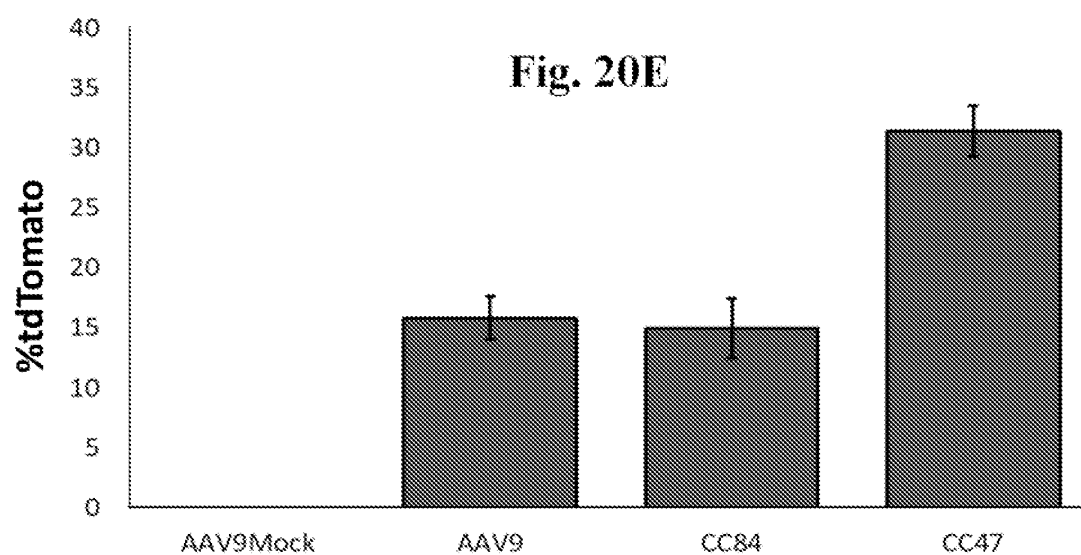
21/34**Fig. 20A****Mock****Fig. 20B****AAV9****Fig. 20C****cc47****Fig. 20D****cc84**

Fig. 21A

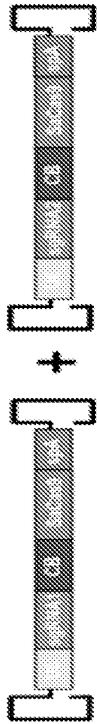


Fig. 21C

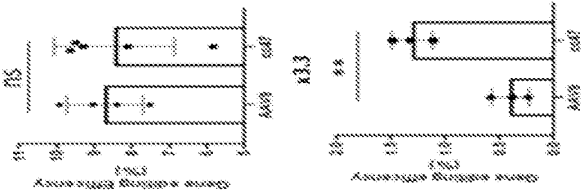


Fig. 21D

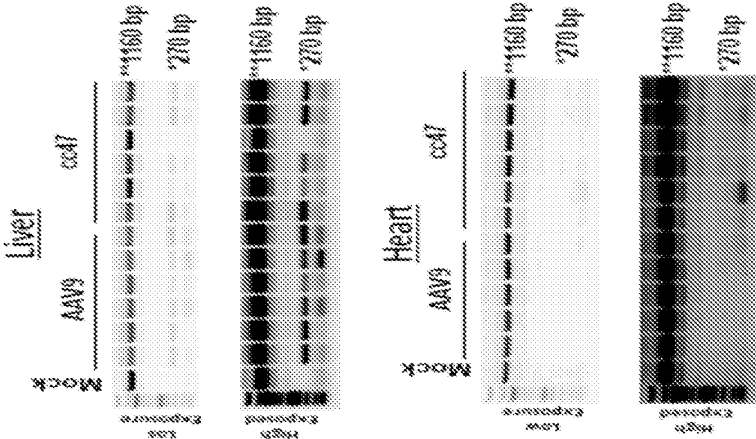


Fig. 21B

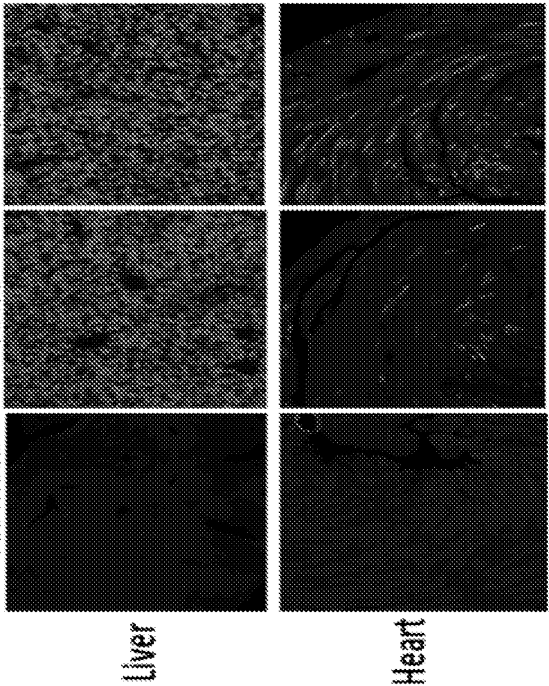


Fig. 22C

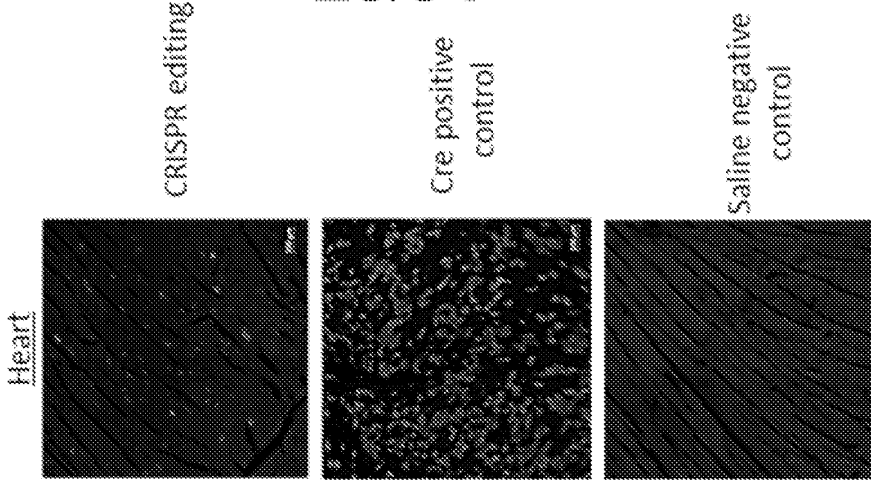


Fig. 22B

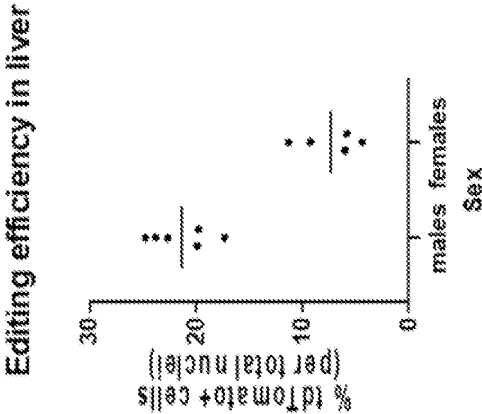
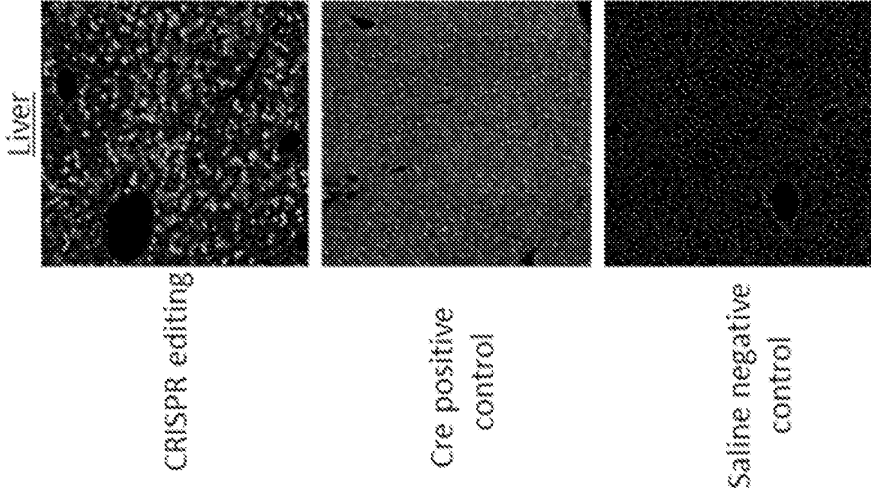


Fig. 22A



24/34

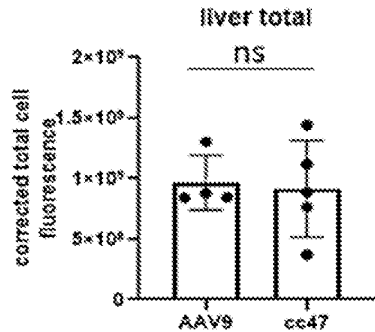


Fig. 23A

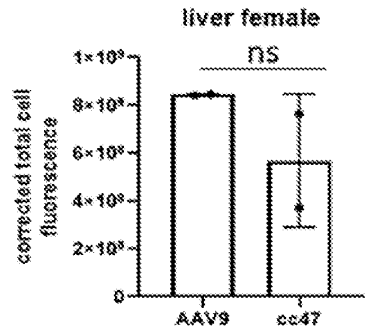


Fig. 23B

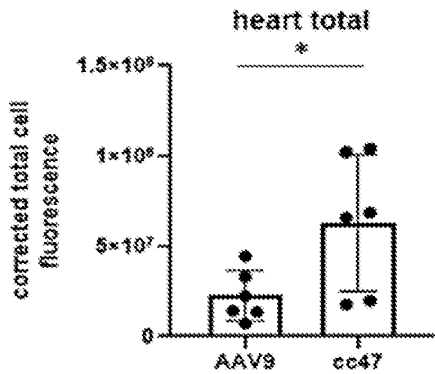


Fig. 23C

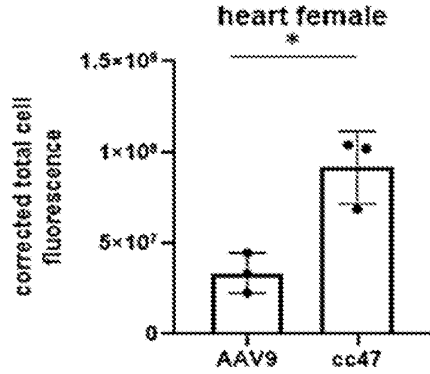


Fig. 23D

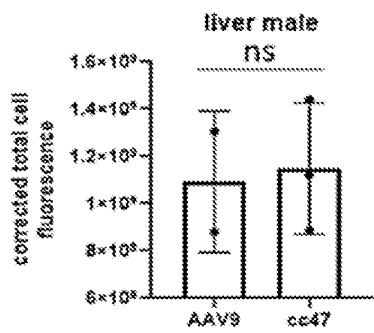


Fig. 23E

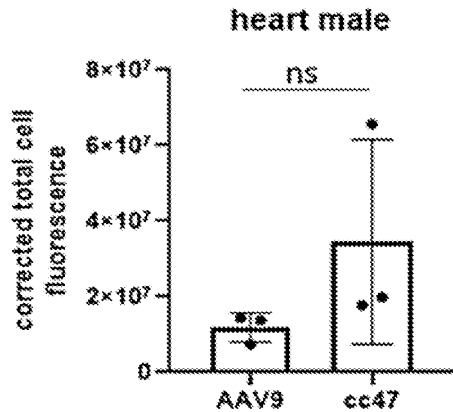


Fig. 23F

25/34

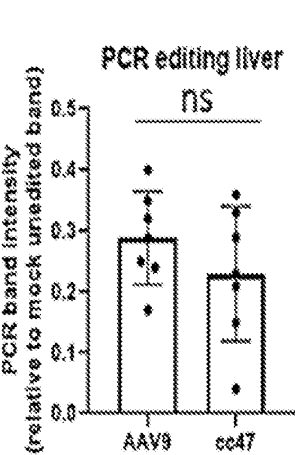


Fig. 24A

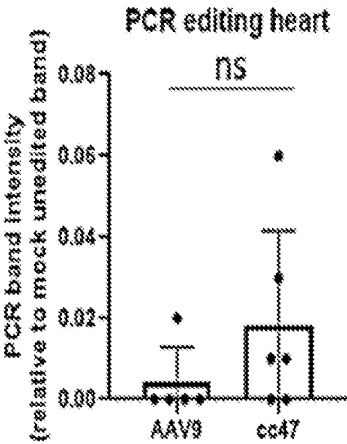


Fig. 24B

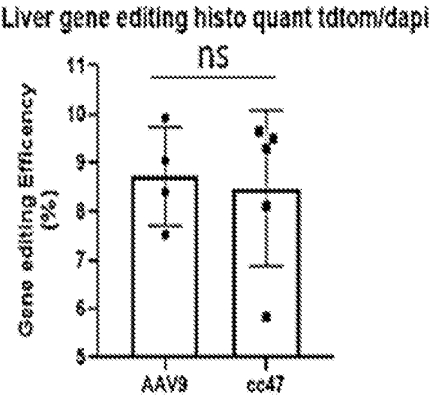


Fig. 25A

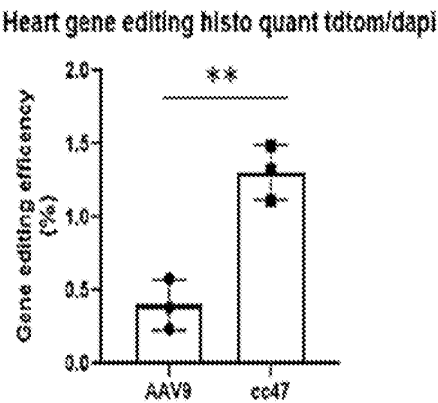


Fig. 25B

26/34

Fig. 26A

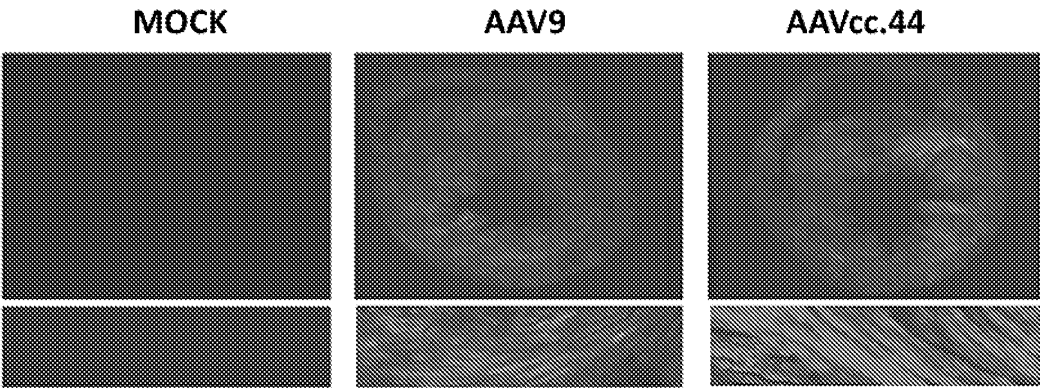


Fig. 26B

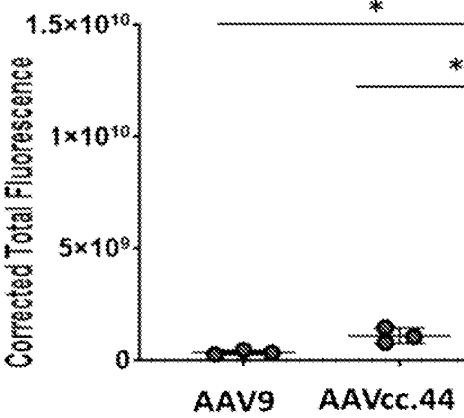


Fig. 26D

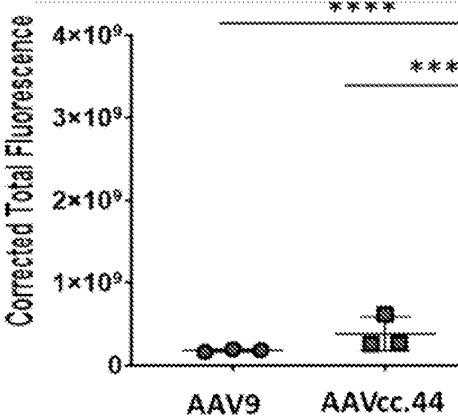
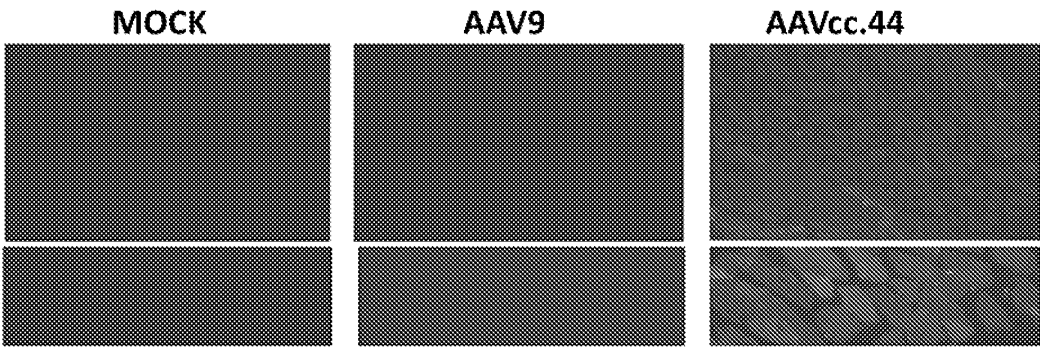


Fig. 26C



27/34

Fig. 27A

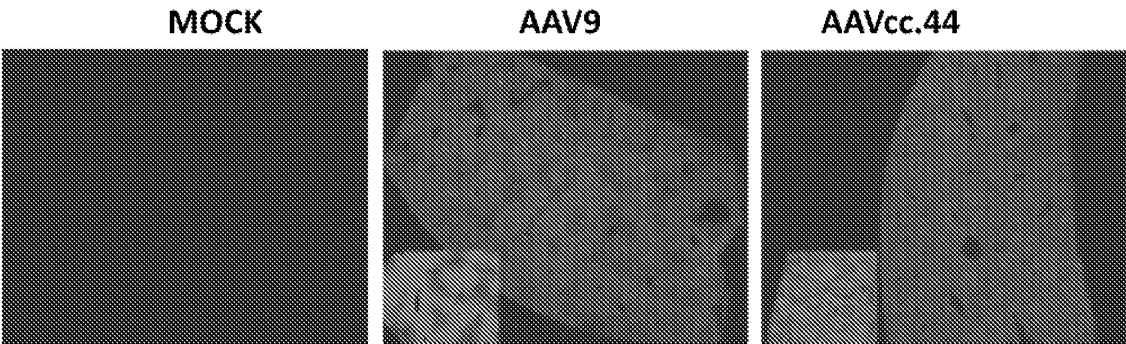


Fig. 27B

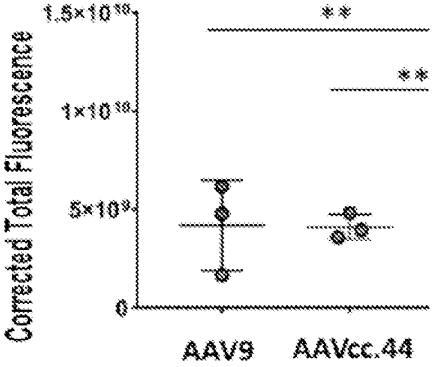


Fig. 27D

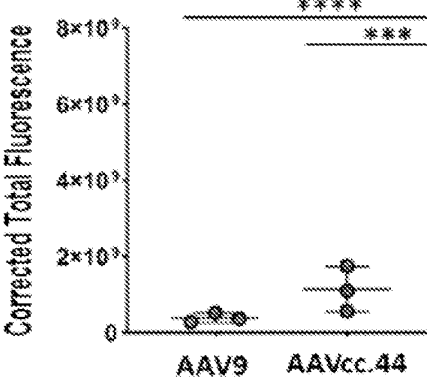


Fig. 27C

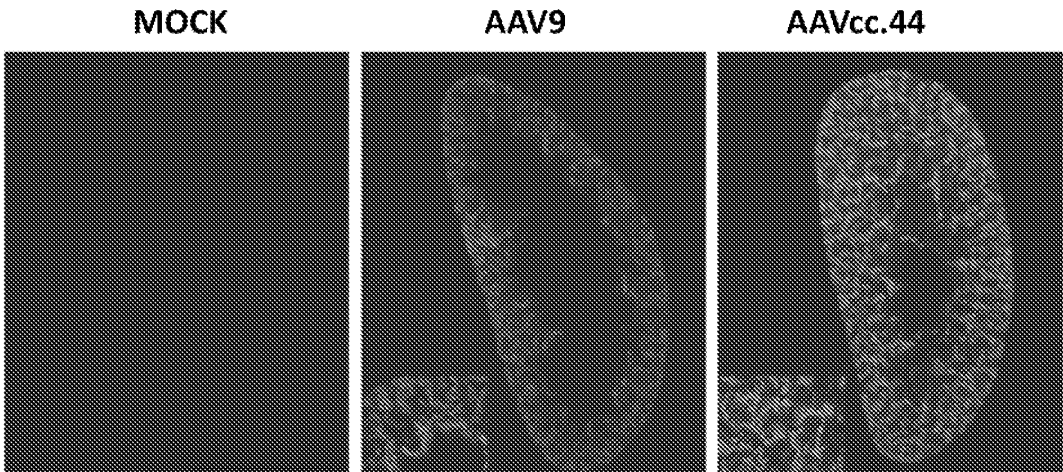


Fig. 28A

Mock

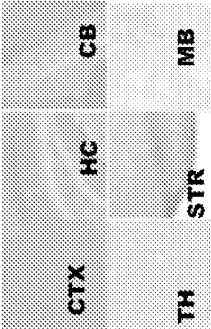


Fig. 28B

AAV9

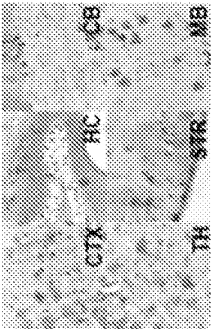
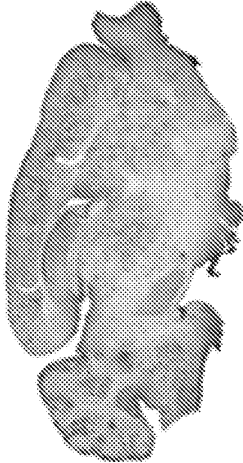
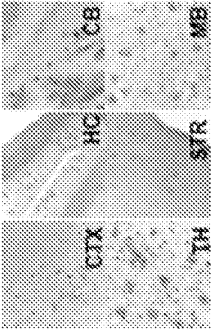
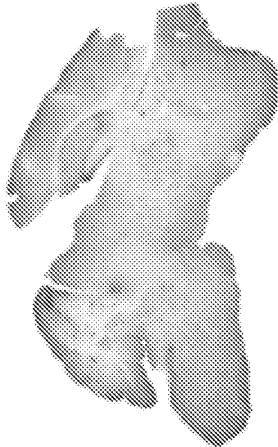


Fig. 28C

AAVcc.44



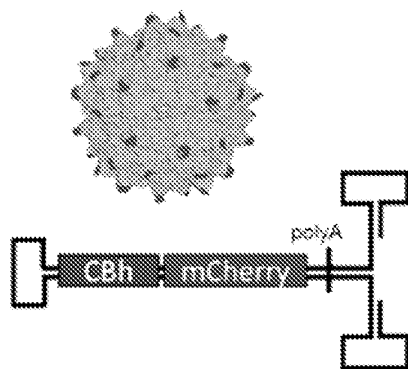
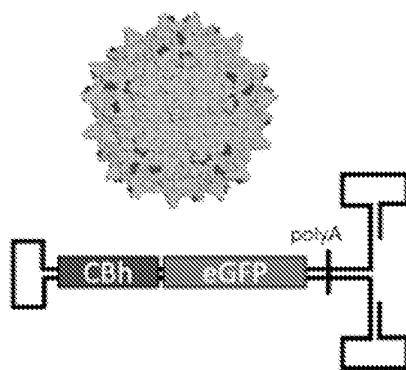
29/34**Fig. 29A****Fig. 29B**

Fig. 30A
AAV9

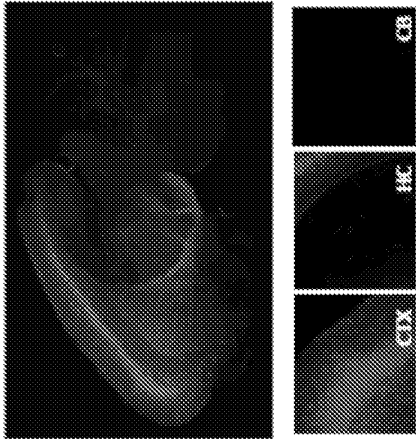


Fig. 30B
AAVcc.44

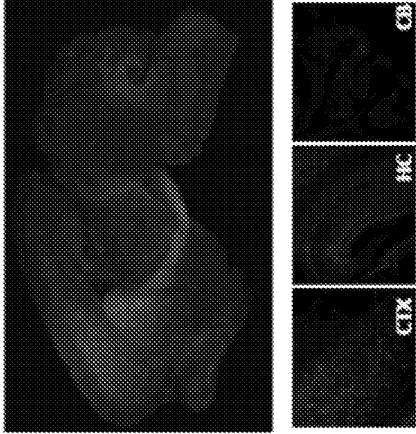


Fig. 30C
AAVcc.47

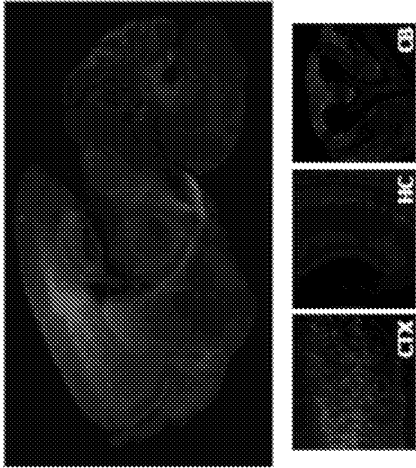


Fig. 30D
AAV9

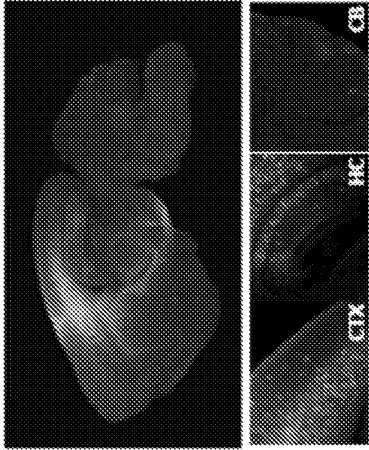


Fig. 30E
AAVcc.81

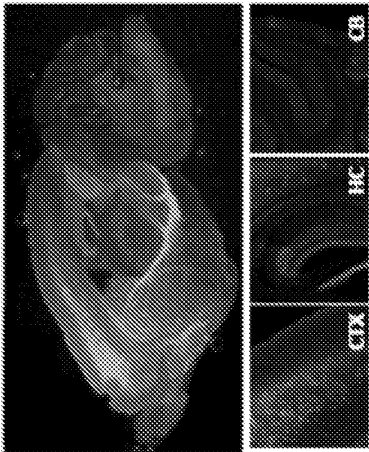
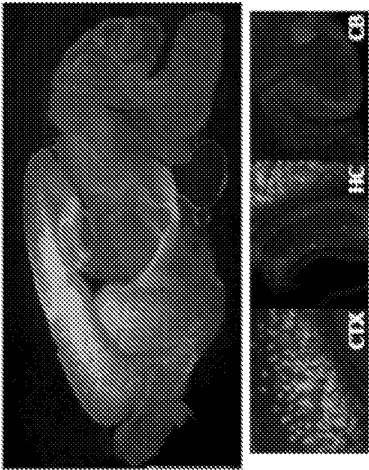
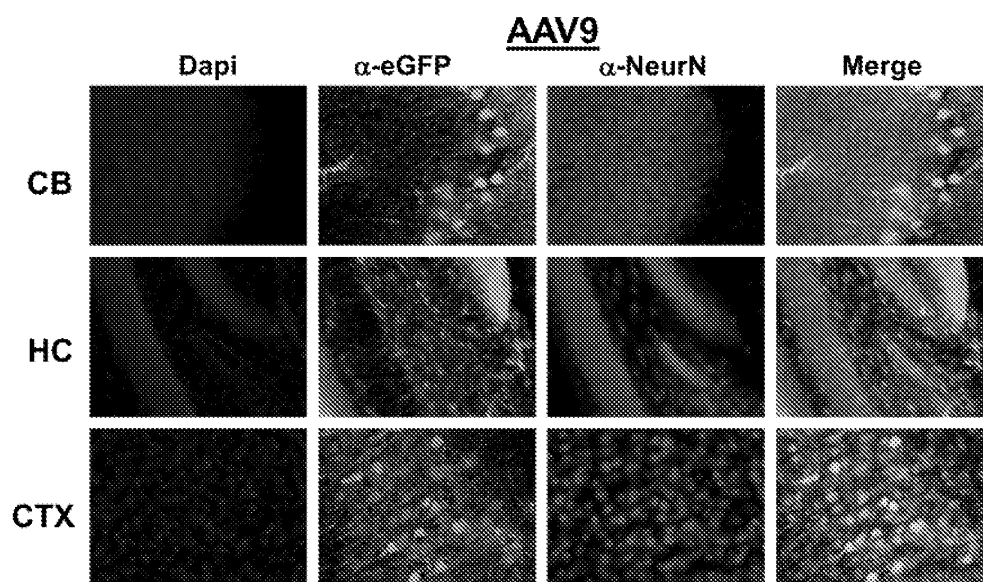
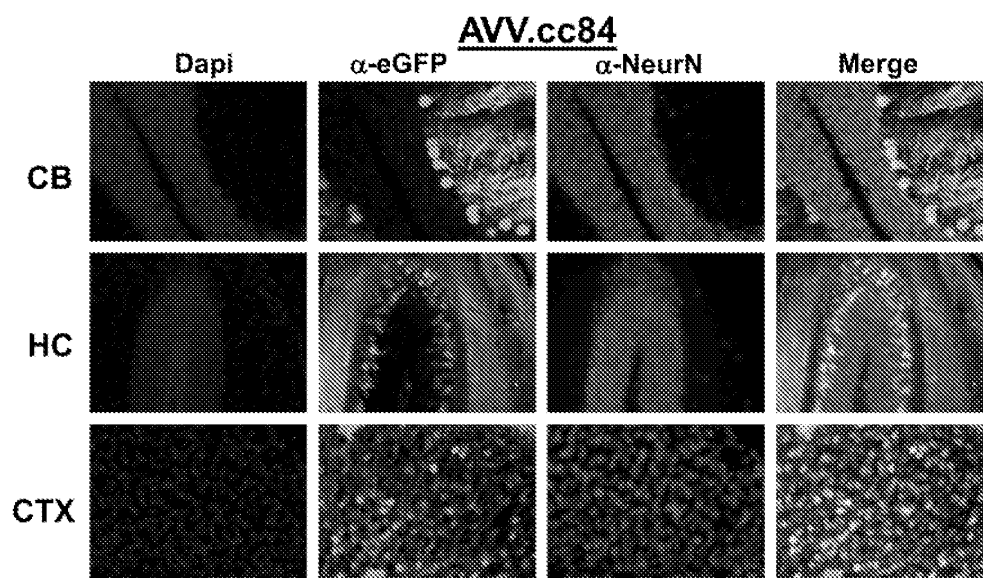
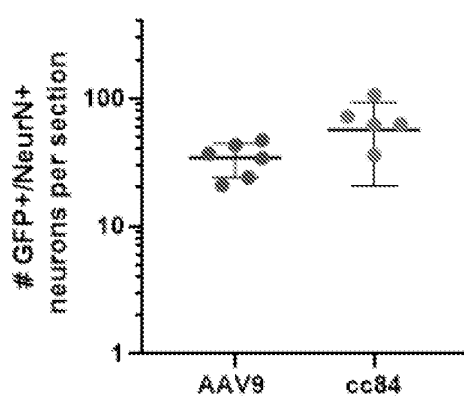
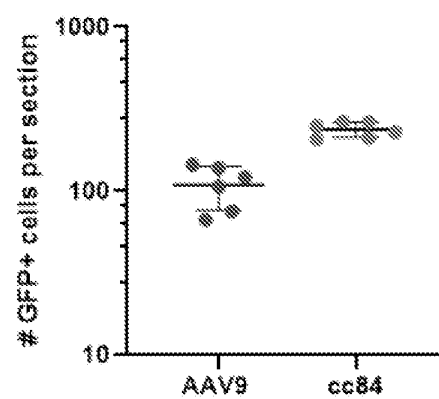
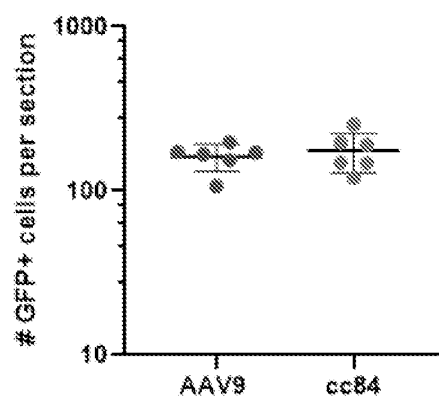
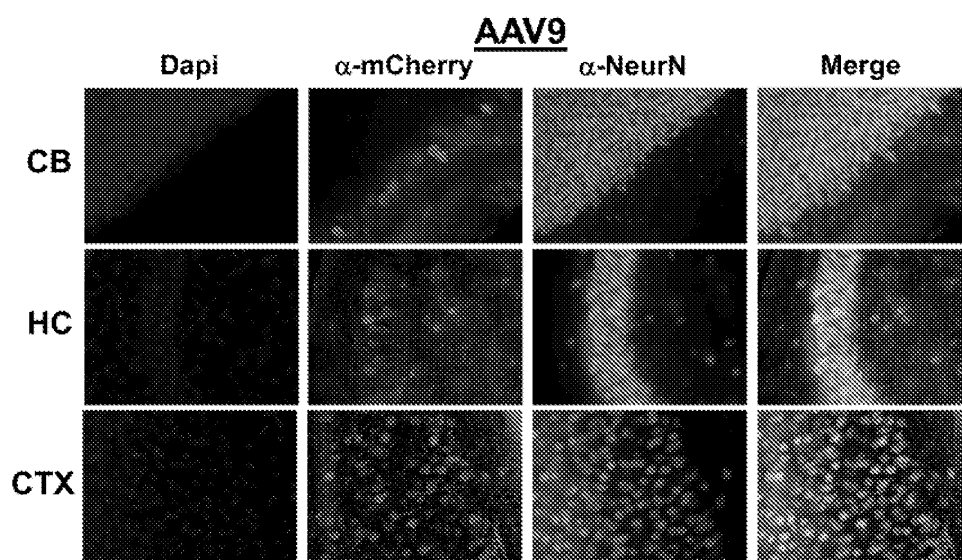
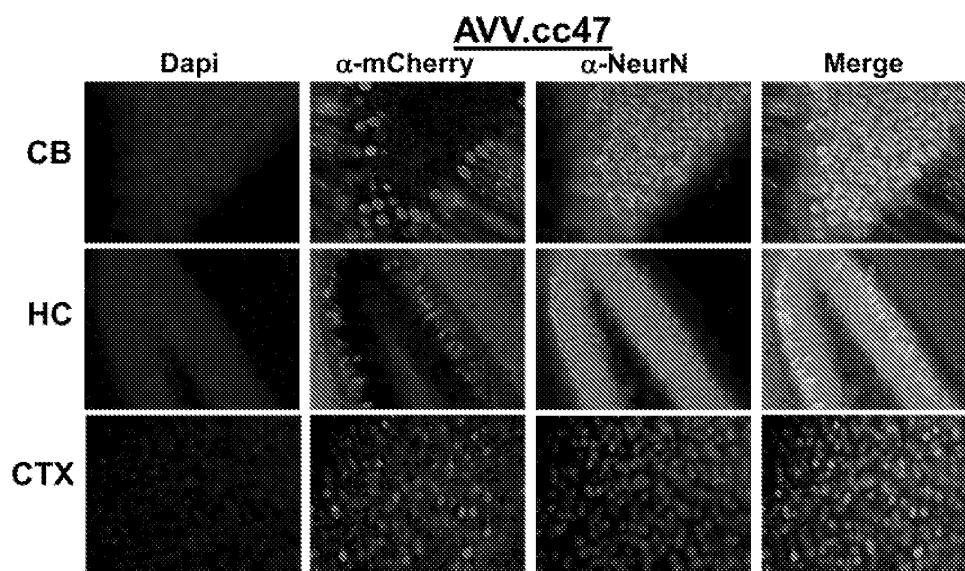


Fig. 30F
AAVcc.84



31/34**Fig. 31A****Fig. 31B**

32/34**Fig. 31C****CB****Fig. 31D****HC****Fig. 31E****CTX**

33/34**Fig. 32A****Fig. 32B**

34/34

