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Fig. 1

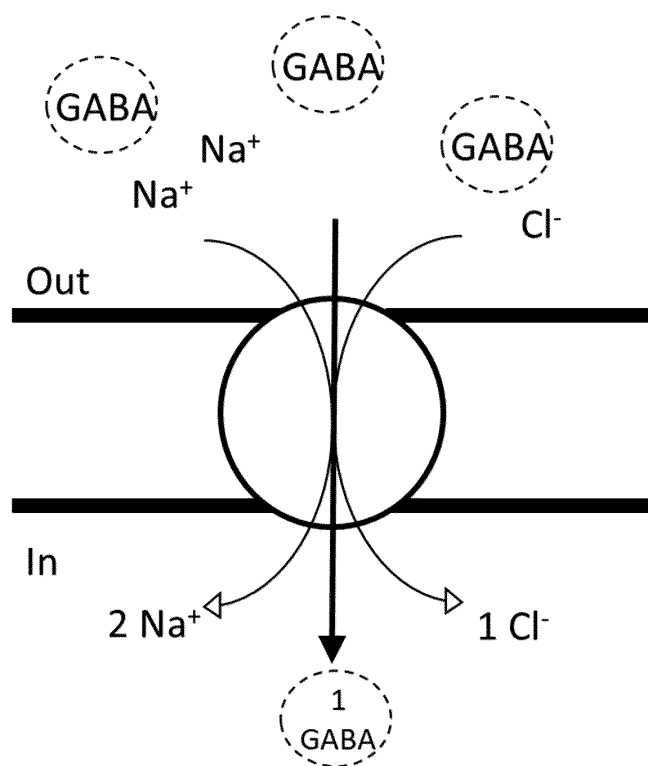


Fig. 2

Human_SLC6A1	60	MAITGSKVADGOISTEVSEAPVANDPKTLVVKVKQAADLPDRDTWKGRFDFLMSCVGY
RhesusMacaque_SLC6A1	60	MATNGSKVADGOISTEVSEAPVANDPKTLVVKVKQAADLPDRDTWKGRFDFLMSCVGY
Mouse_SLC6A1	60	MATNSKVADGOISTEVSEAPVADSKPKTLVVKVKQAADLPDRDTWKGRFDFLMSCVGY
		:**
Human_SLC6A1	120	AIGLGNWRFPYLCGKGGGAFLIPVFLILIFAGVPLFLECSLGQYTSIGGLGVWKIAP
RhesusMacaque_SLC6A1	120	AIGLGNWRFPYLCGKGGGAFLIPVFLILIFAGVPLFLECSLGQYTSIGGLGVWKIAP
Mouse_SLC6A1	120	AIGLGNWRFPYLCGKGGGAFLIPVFLILIFAGVPLFLECSLGQYTSIGGLGVWKIAP

Human_SLC6A1	180	MEKGVGLAAVLSFWLNIYIVLISWAIYLYNSFTTILPAKQCDNPNNTDRCSNYSMV
RhesusMacaque_SLC6A1	180	MEKGVGLAAVLSFWLNIYIVLISWAIYLYNSFTTILPAKQCDNPNNTDRCSNYSMV
Mouse_SLC6A1	180	MEKGVGLAAVLSFWLNIYIVLISWAIYLYNSFTTILPAKQCDNPNNTDRCSNYSLV
		*****;
Human_SLC6A1	240	NTNMTSAVVEWERNHOMTDLDPGQIRWPLAITAIANLIVYFCINKGVGNTGKVV
RhesusMacaque_SLC6A1	240	NTNMTSAVVEWERNHOMTDLDPGQIRWPLAITAIANLIVYFCINKGVGNTGKVV
Mouse_SLC6A1	240	NTNMTSAVVEWERNHOMTDLDPGQIRWPLAITAIANLIVYFCINKGVGNTGKVV
		*****;
Human_SLC6A1	300	YFSATPYIMLILFFRGVILPGAKGILFYITNFRKLSDESVWLDAAIQIFFSYGLGL
RhesusMacaque_SLC6A1	300	YFSATPYIMLILFFRGVILPGAKGILFYITNFRKLSDESVWLDAAIQIFFSYGLGL
Mouse_SLC6A1_IsoA	300	YFSATPYIMLILFFRGVILPGAKGILFYITNFRKLSDESVWLDAAIQIFFSYGLGL

Human_SLC6A1	360	GSLIALGSYNSFHNHVRDSIIVCCINSCISMFAGVIFSIIVGFMAHVTKRSIADVAASG
RhesusMacaque_SLC6A1	360	GSLIALGSYNSFHNHVRDSIIVCCINSCISMFAGVIFSIIVGFMAHVTKRSIADVAASG
Mouse_SLC6A1	360	GSLIALGSYNSFHNHVRDSIIVCCINSCISMFAGVIFSIIVGFMAHVTKRSIADVAASG

Human_SLC6A1	420	PGLAFLAYPEAVTQIPISPLMAILFFSMLLMGIDSQFCIVEGITAIIVDEYPRLLNRR
RhesusMacaque	420	PGLAFLAYPEAVTQIPISPLMAILFFSMLLMGIDSQFCIVEGITAIIVDEYPRLLNRR
Mouse_SLC6A1	420	PGLAFLAYPEAVTQIPISPLMAILFFSMLLMGIDSQFCIVEGITAIIVDEYPRLLNRR

Human_SLC6A1	480	ELFTRAVCIISYILGSLNITGGIYVVKLFDYISAGSMLLFLVFFECVYSIWFGYNRF
RhesusMacaque_SLC6A1	480	ELFTRAVCIISYILGSLNITGGIYVVKLFDYISAGSMLLFLVFFECVYSIWFGYNRF
Mouse_SLC6A1	480	ELFTRAVCIISYILGSLNITGGIYVVKLFDYISAGSMLLFLVFFECVYSIWFGYNRF

Human_SLC6A1	540	YDNIQEMVGRPCINWKLCHSFTPIIVAGVFISAVQMTPLTMGNVYFPPKGGGVGWLIM
RhesusMacaque_SLC6A1	540	YDNIQEMVGRPCINWKLCHSFTPIIVAGVFISAVQMTPLTMGNVYFPPKGGGVGWLIM
Mouse_SLC6A1	540	YDNIQEMVGRPCINWKLCHSFTPIIVAGVFISAVQMTPLTMGNVYFPPKGGGVGWLIM
		*****;
Human_SLC6A1	599	ALSMVLIIPGMAYMFLIKGSLKQRIQVMQPSDPIVRPENGPEQPGAGSSISKEAYI
RhesusMacaque_SLC6A1	599	ALSMVLIIPGMAYMFLIKGSLKQRIQVMQPSDPIVRPENGPEQPGAGSSISKEAYI
Mouse_SLC6A1	599	ALSMVLIIPGMAYMFLIKGSLKQRIQVMQPSDPIVRPENGPEQPGAGSSISKEAYI
		*****;

Fig. 3

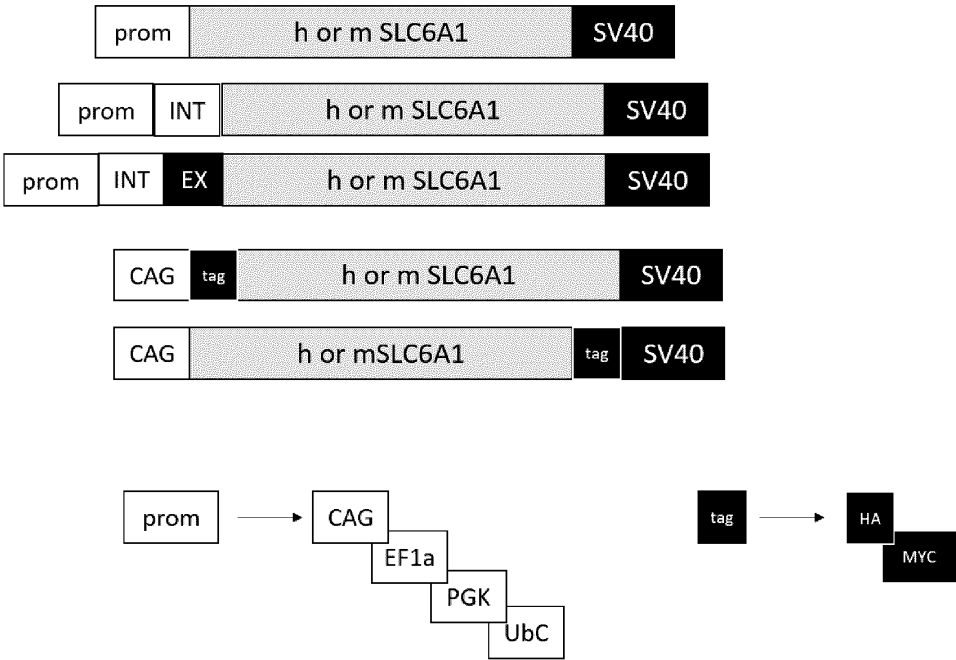


Fig. 4

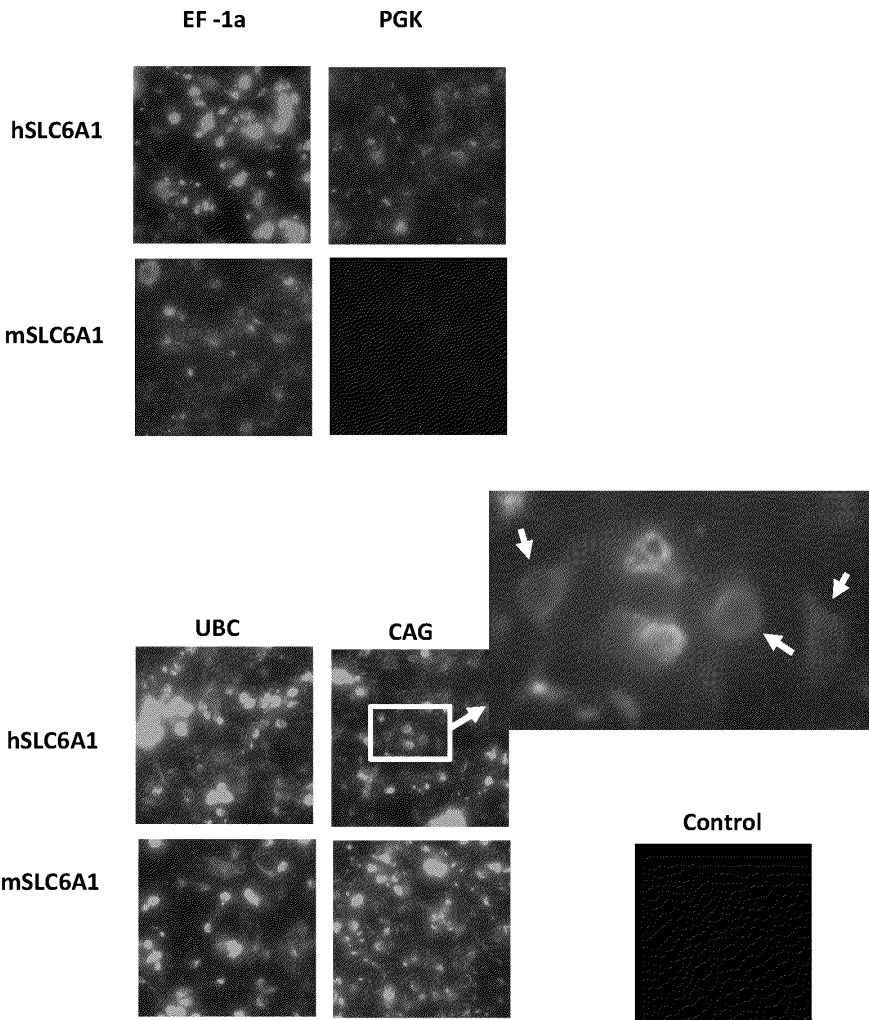


Fig. 5

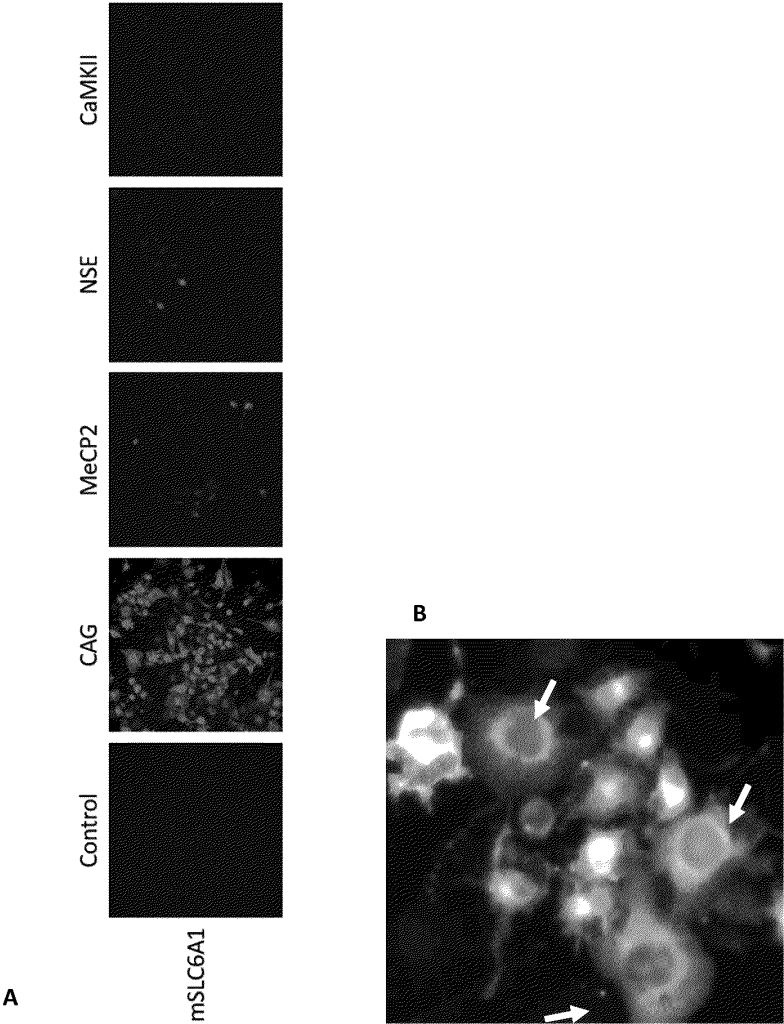


Fig. 6

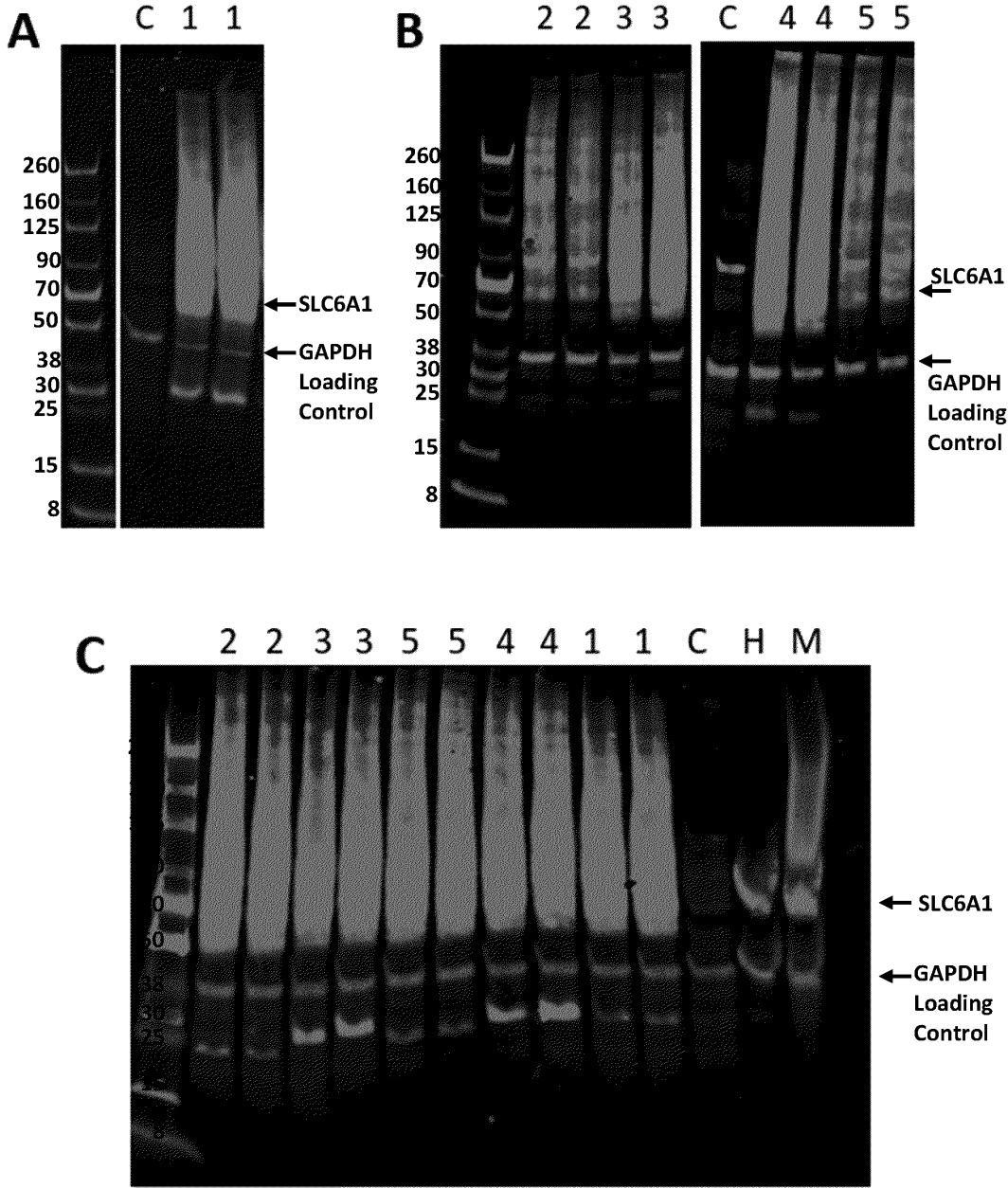


Fig. 7

A

CAG	hSLC6A1 WT	IRES	tagRFP	SV40
CAG	hSLC6A1 p.A288V	IRES	tagRFP	SV40
CAG	hSLC6A1 p.F270S	IRES	tagRFP	SV40
CAG	hSLC6A1 p.S295L	IRES	tagRFP	SV40

B

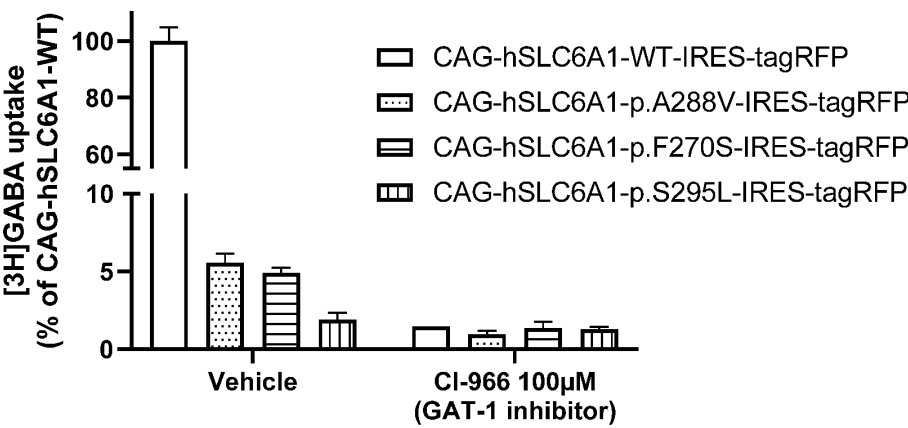


Fig. 8

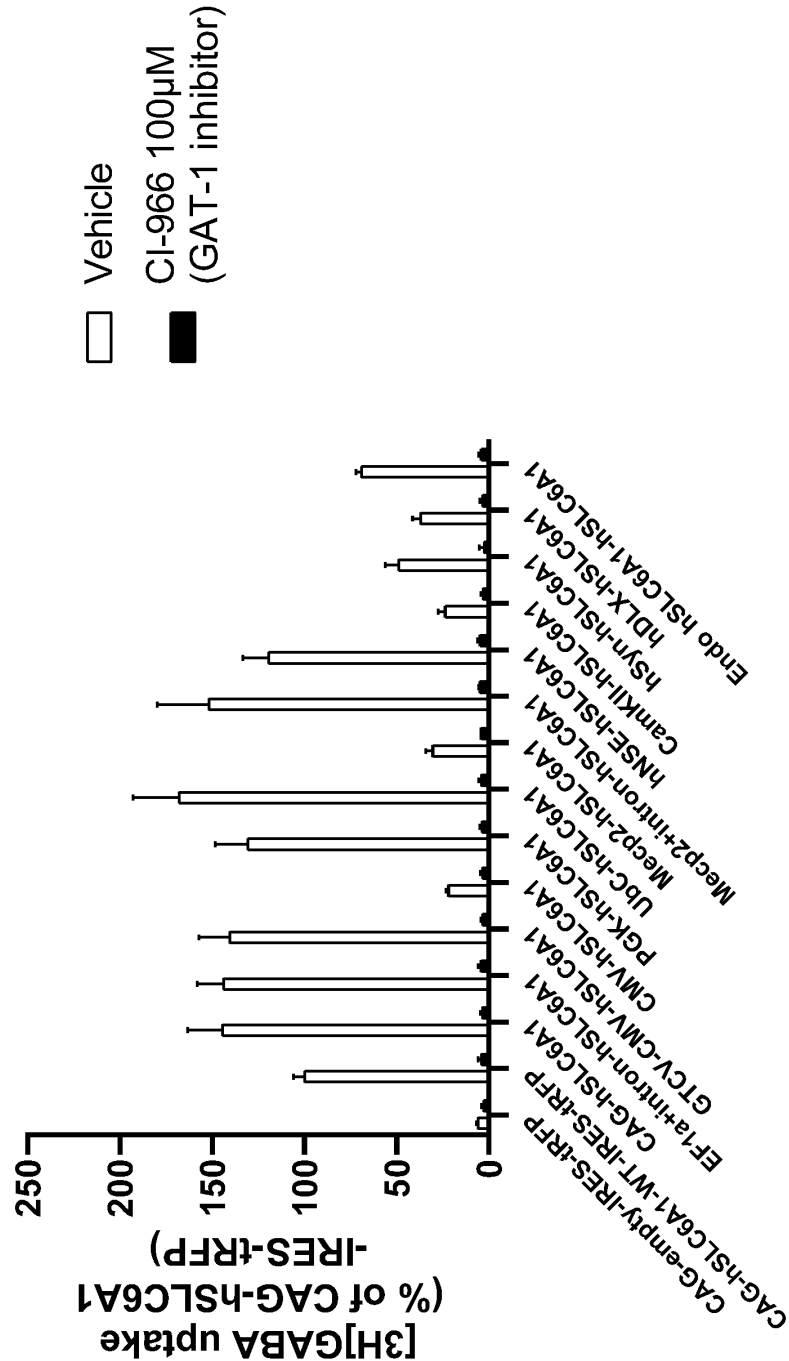
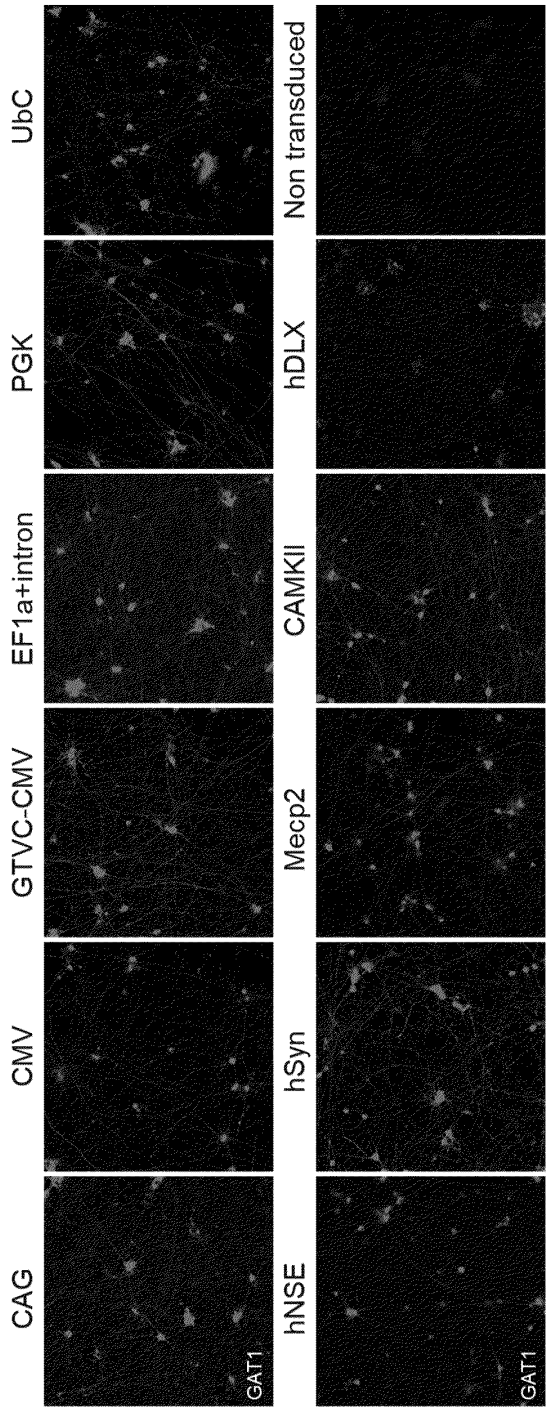


Fig. 9



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Fig. 10

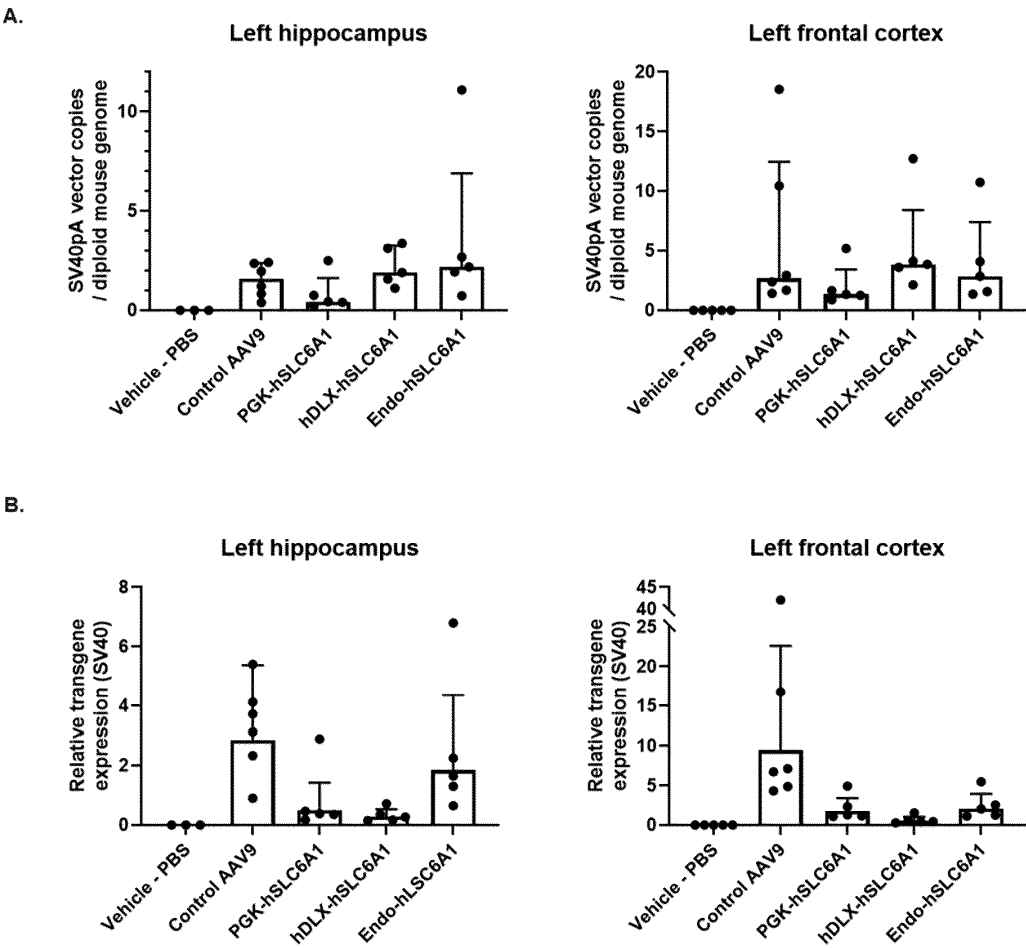
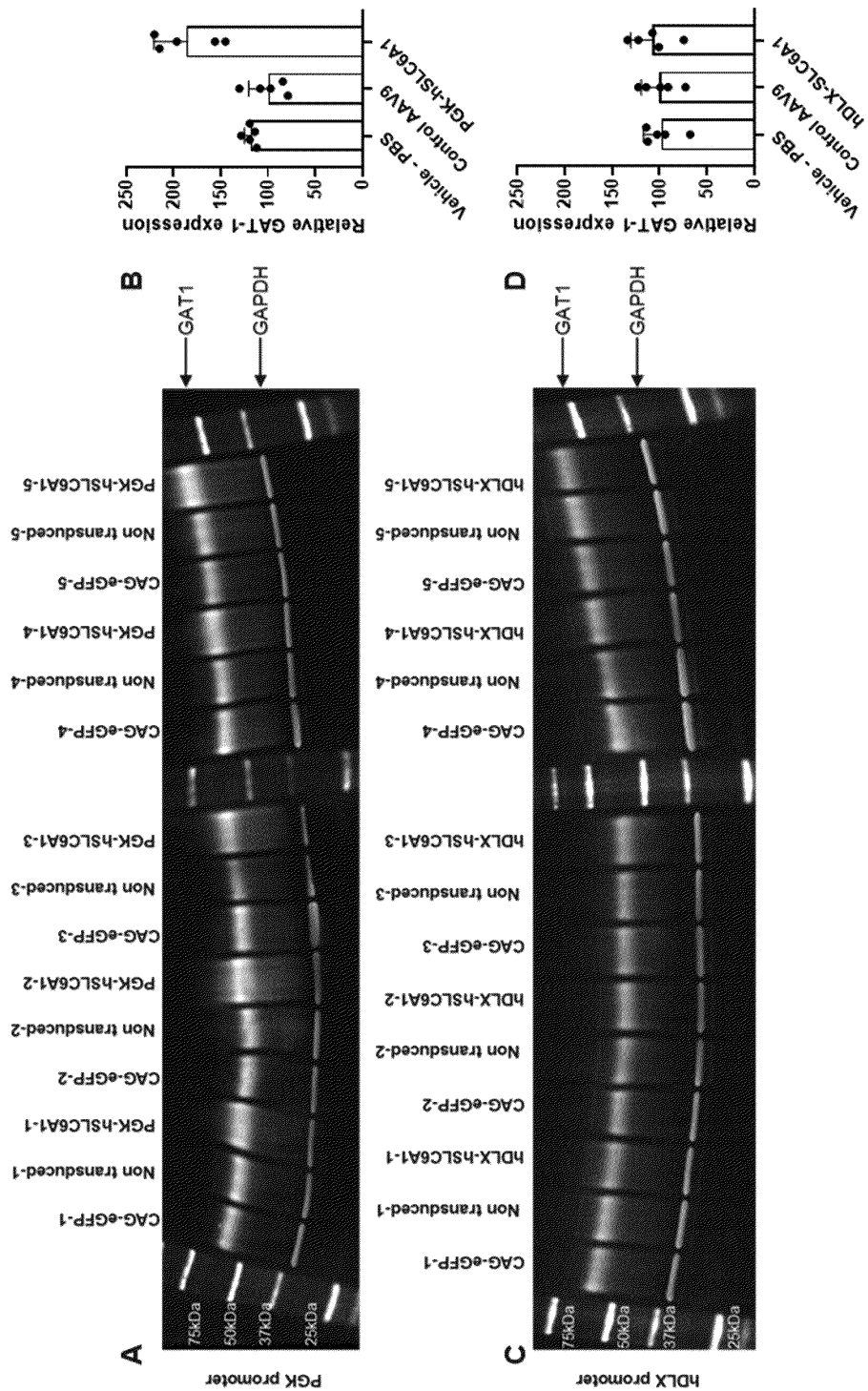


Fig. 11



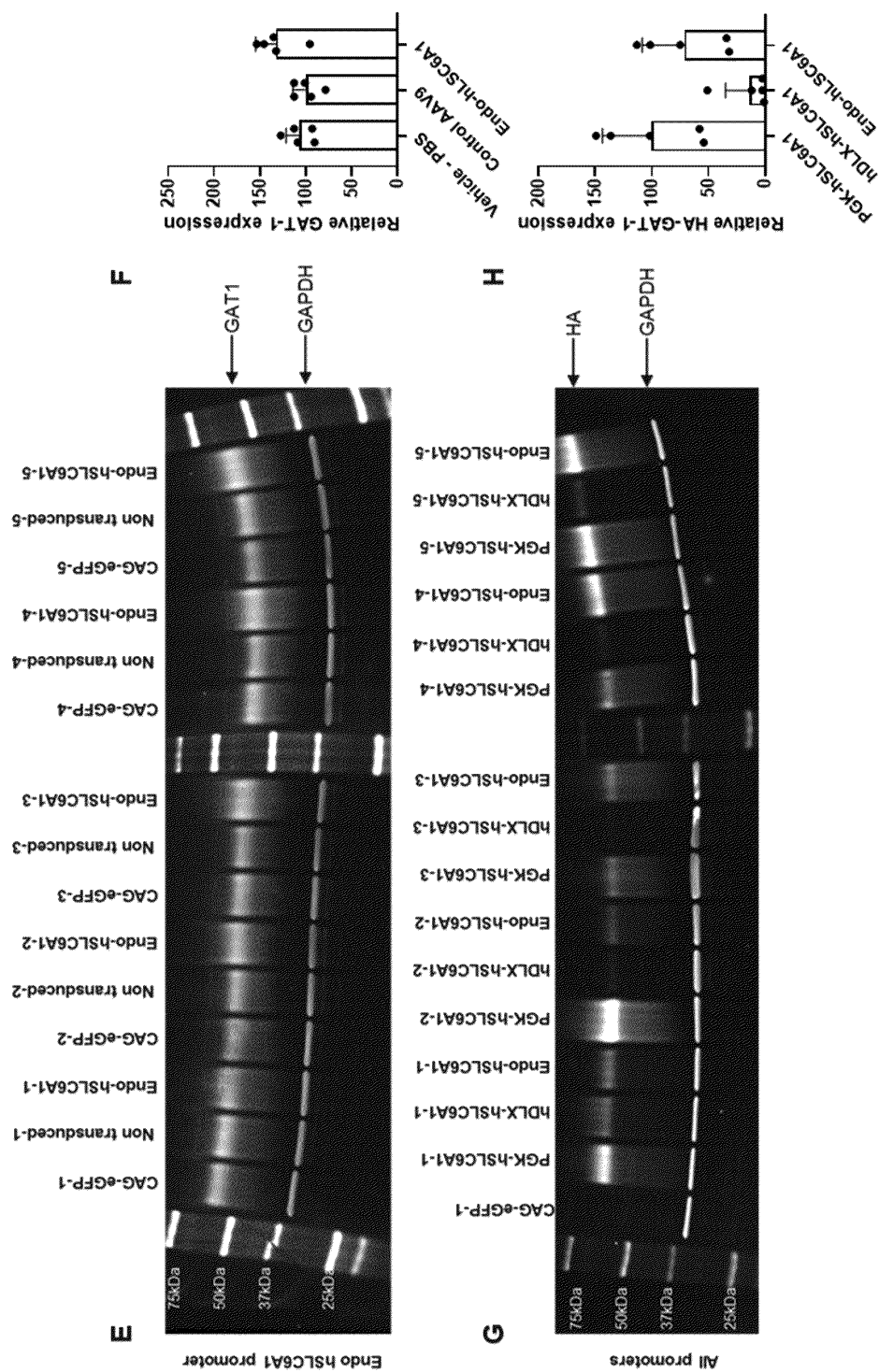


Fig. 12

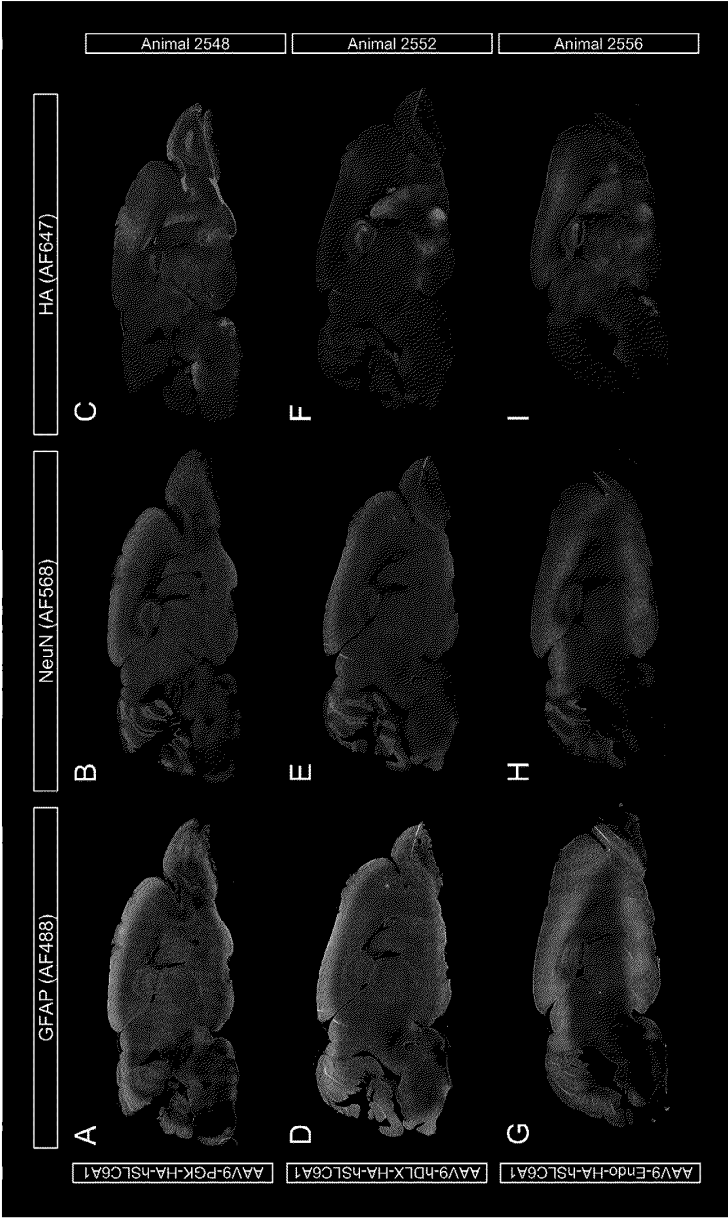
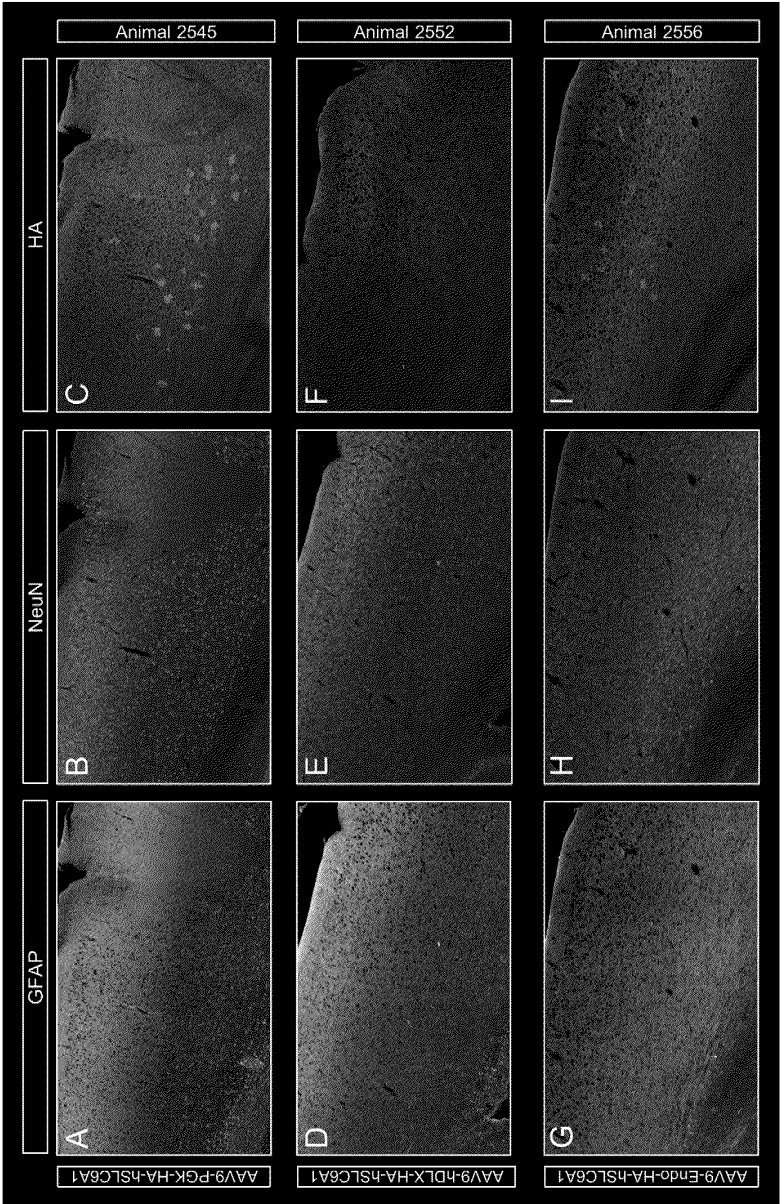


Fig. 13



Fig. 14



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Fig. 15

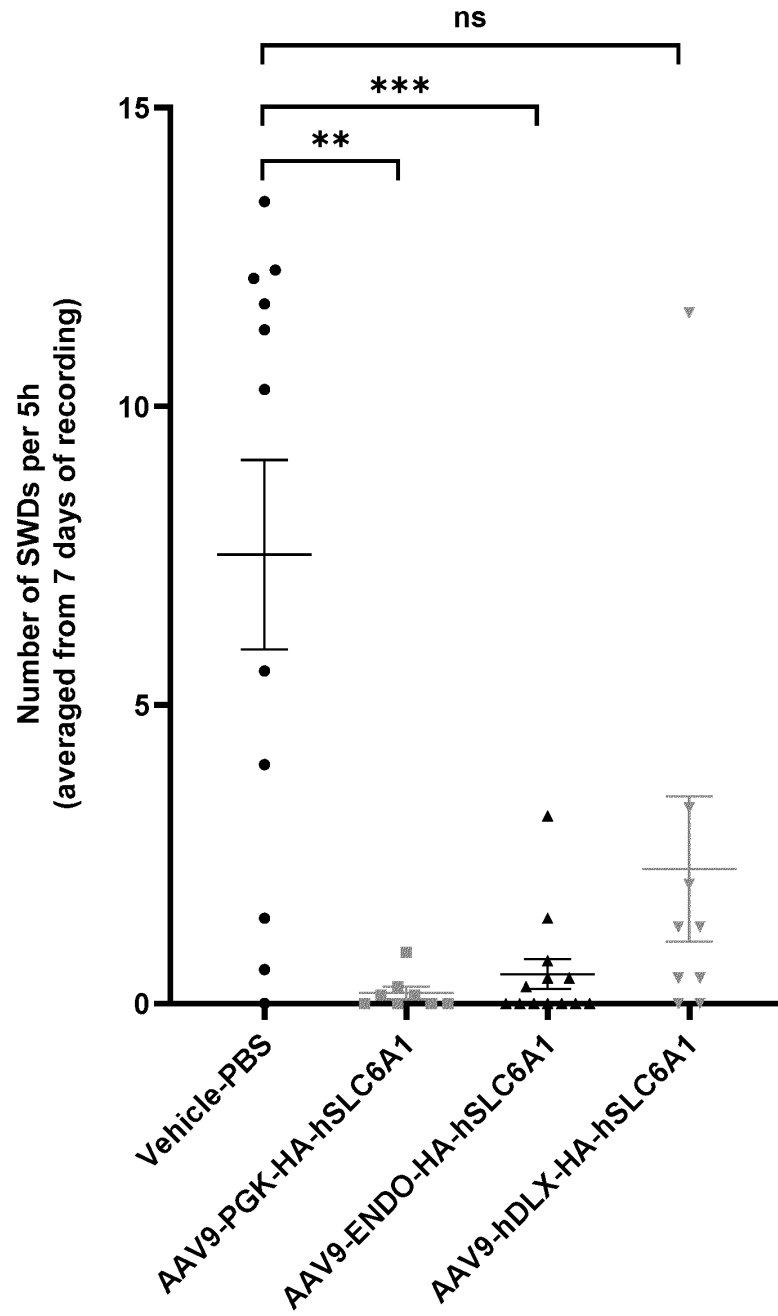
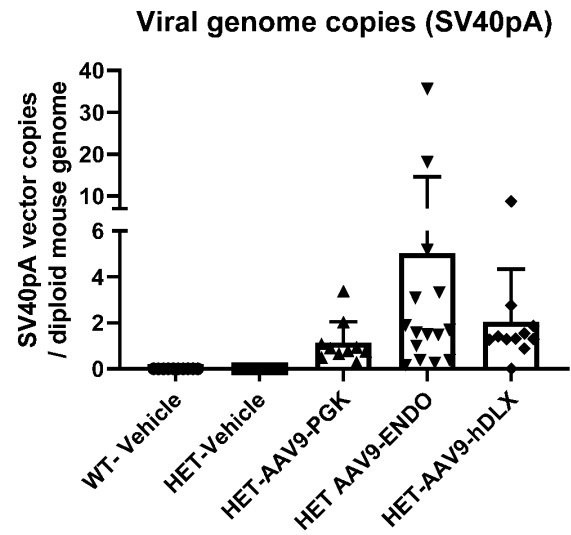
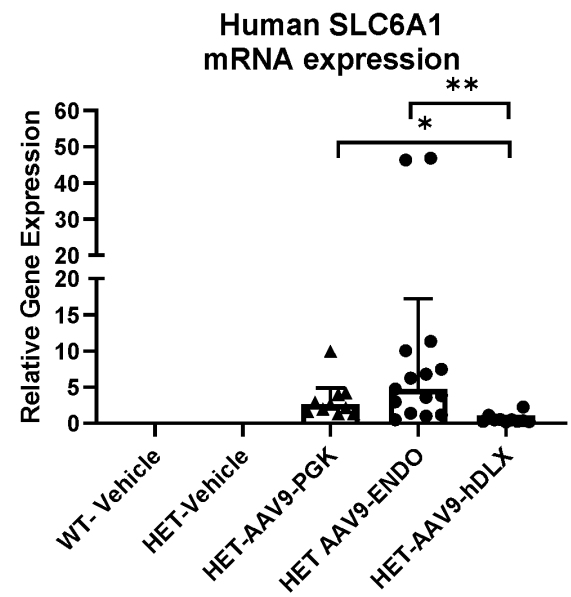


Fig. 16

A.



B.



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Fig. 17

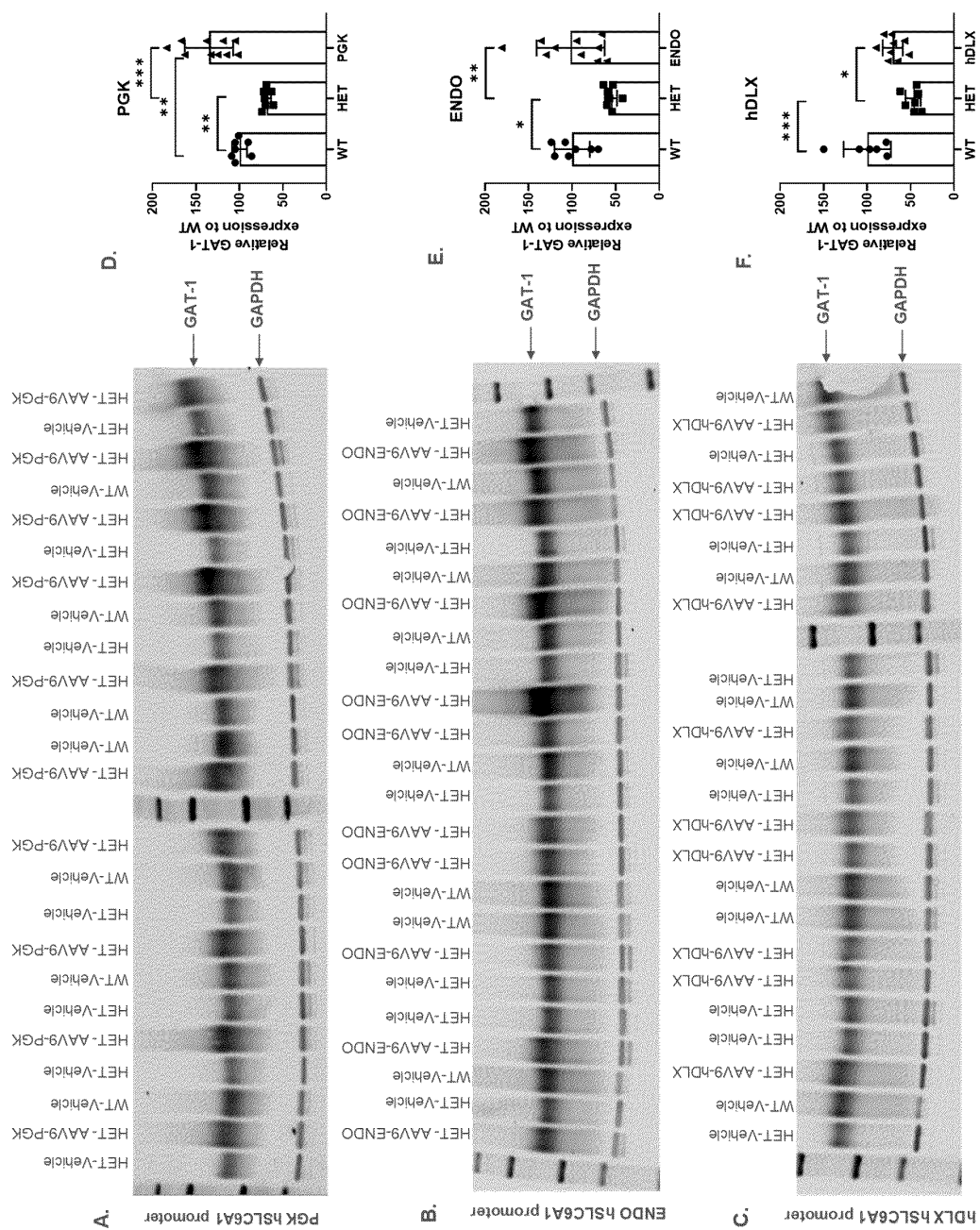


Fig 17 (cont.)

