

WT MYH7	CTGTGCCACCCTCGGGTGAAGTGGGCAATGAGTACGTCACC	SEQ ID NO: 162
	GACACGGTGGGAGCCCACTTTACCCCGTTACTCATGCAGTGG	
	400 402 404 406 408 410 412	
	L C H P R V K V G N E Y V T	SEQ ID NO: 97
MYH7-p.R403Q	CTGTGCCACCCTCGGGTGAAGTGGGCAATGAGTACGTCACC	SEQ ID NO: 157
	GACACGGTGGGAGCCCACTTTACCCCGTTACTCATGCAGTGG	
	400 402 404 406 408 410 412	
	L C H P Q V K V G N E Y V T	SEQ ID NO: 155

Fig. 1A

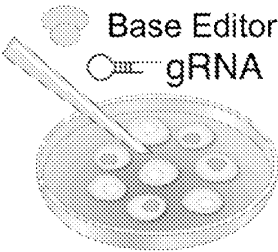


Fig. 1B

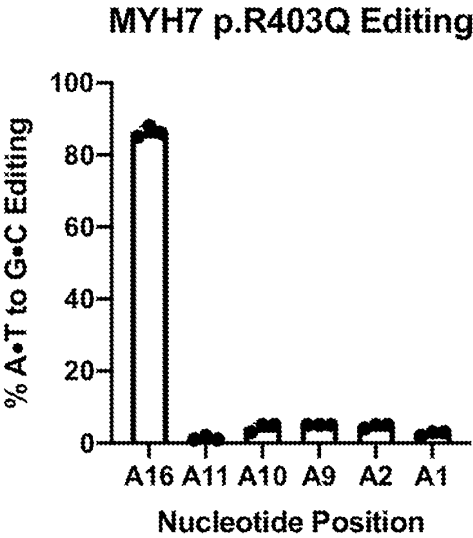
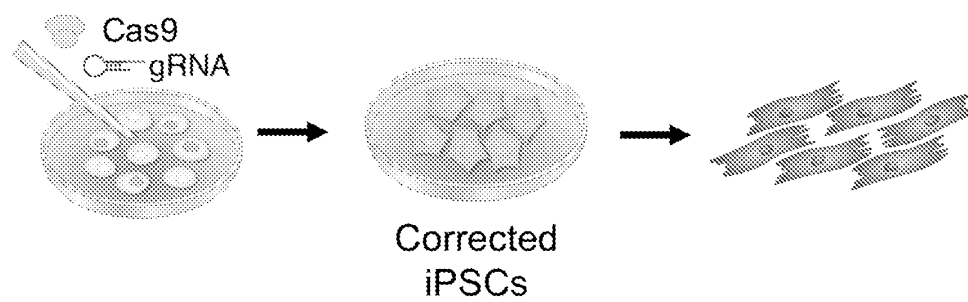
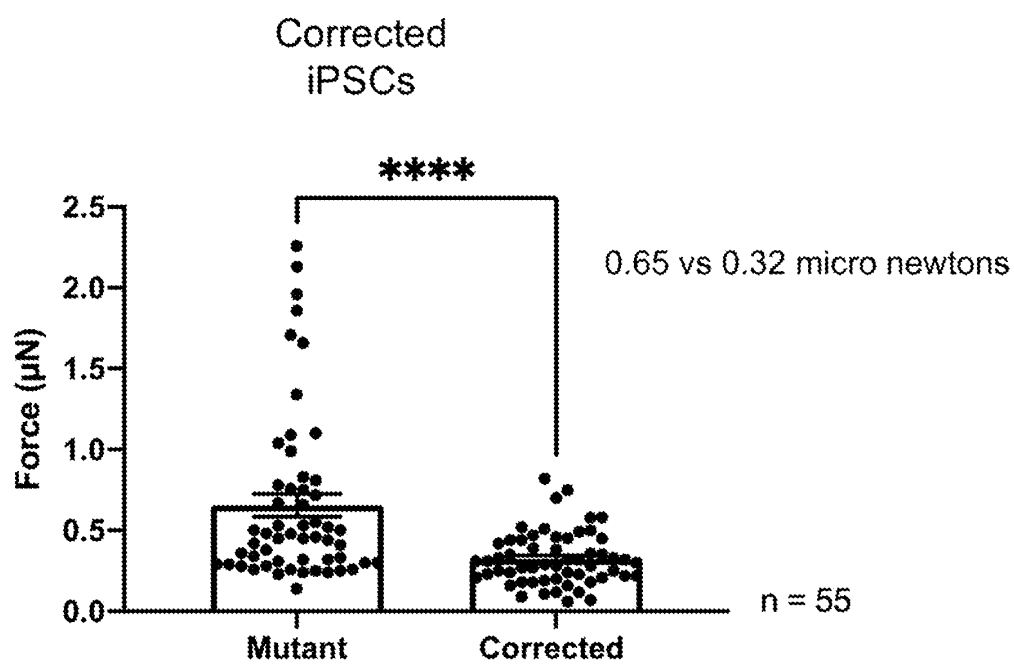


Fig. 1C

**Fig. 2A****Fig. 2B**

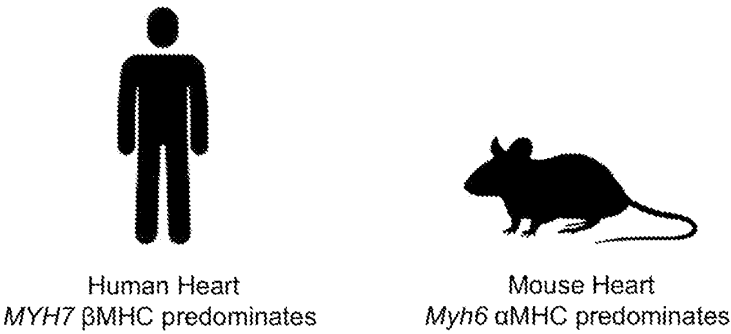


Fig. 3A

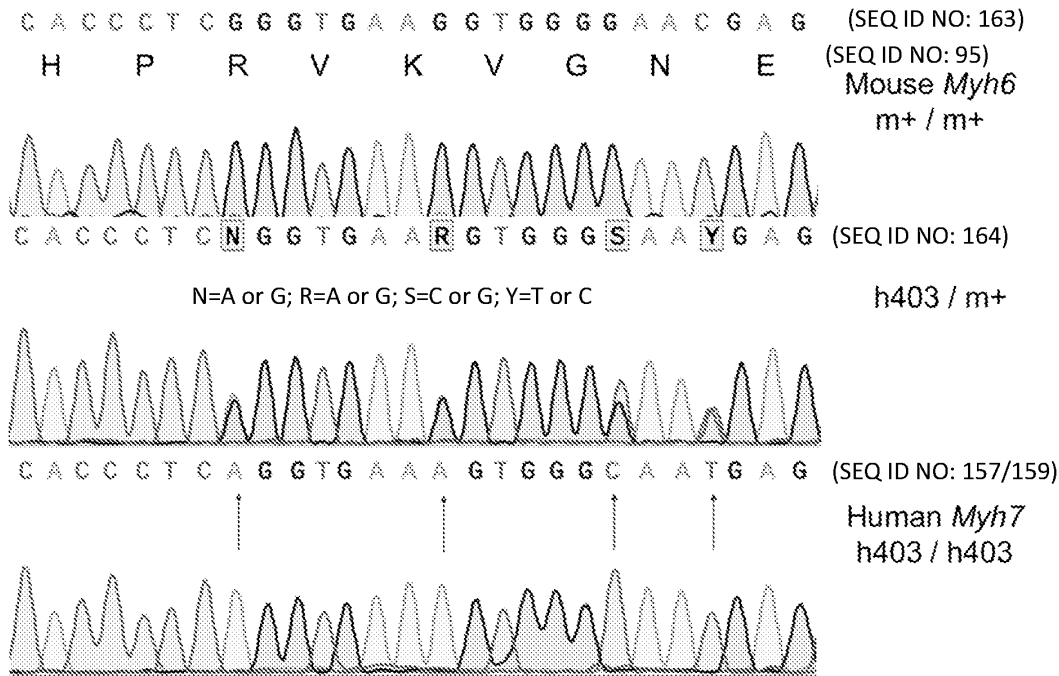


Fig. 3B

WT

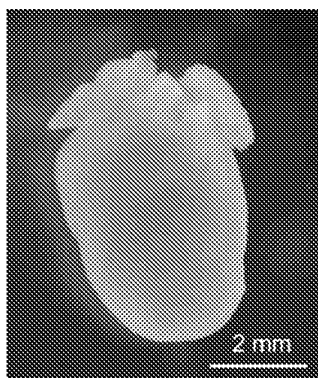


Fig. 4A

403/+

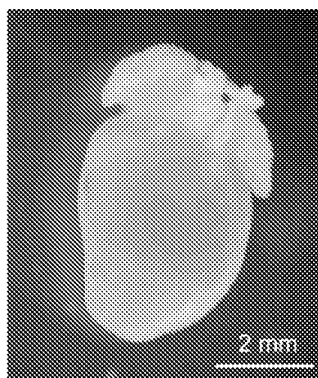


Fig. 4B

403/403

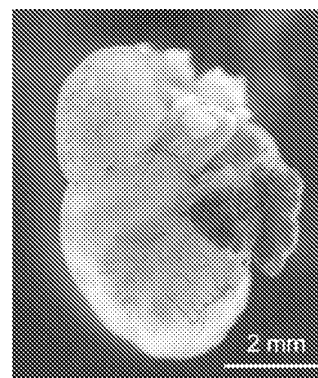


Fig. 4C



Fig. 4D

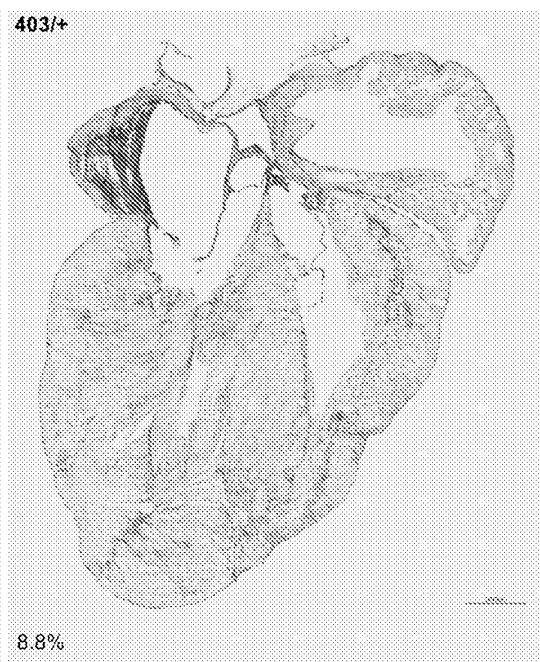
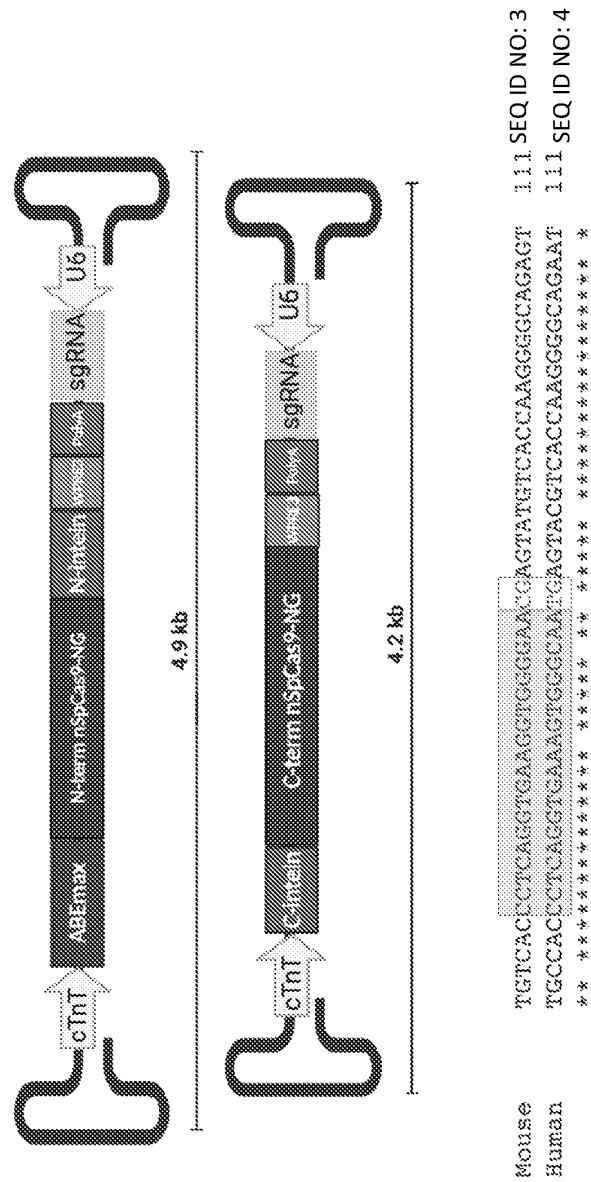


Fig. 4E



Mouse vs human sgRNAs for A-base editing at R403Q codon

Fig. 5

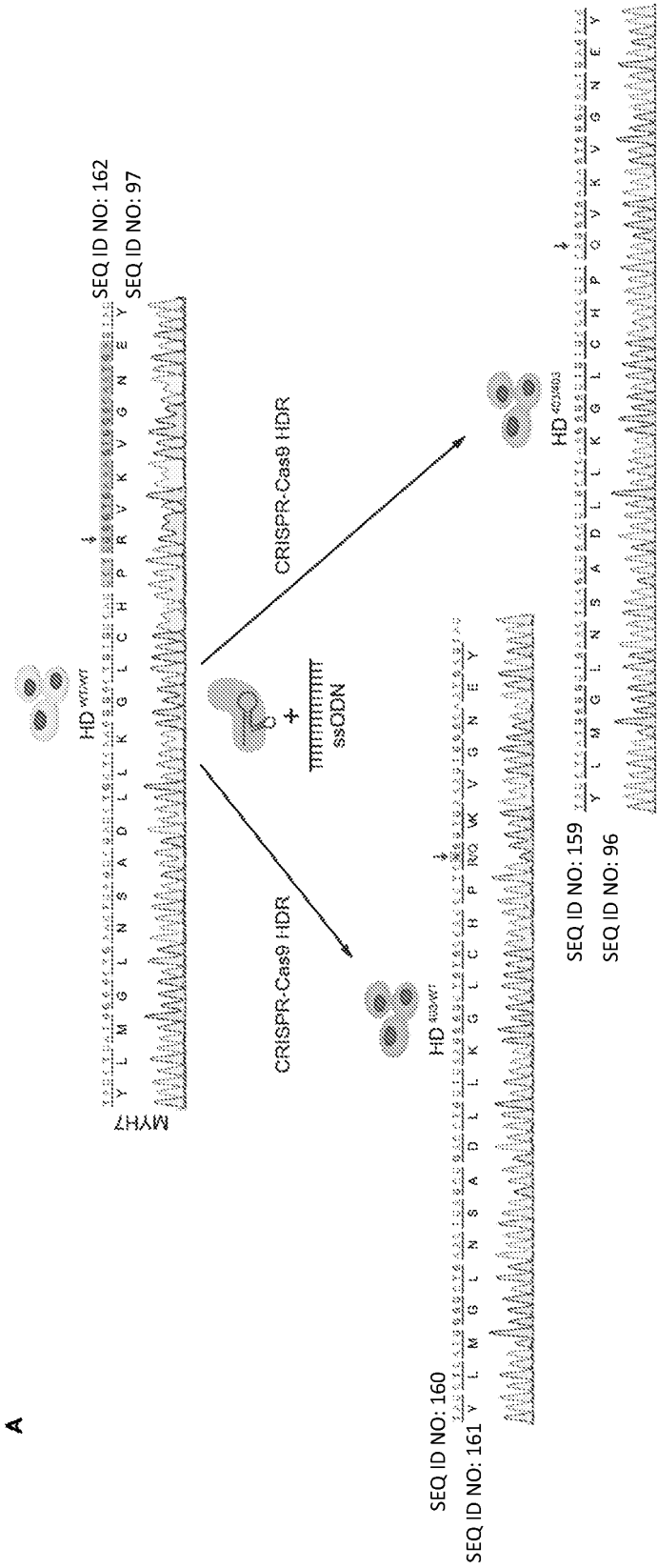


Fig- 6A

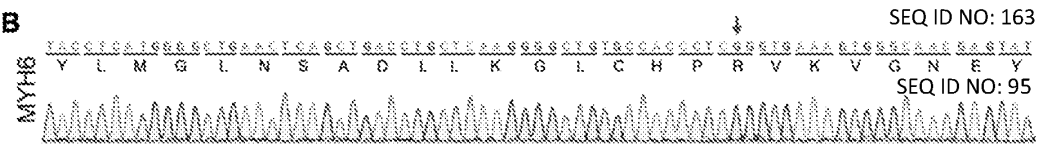


Fig. 6B

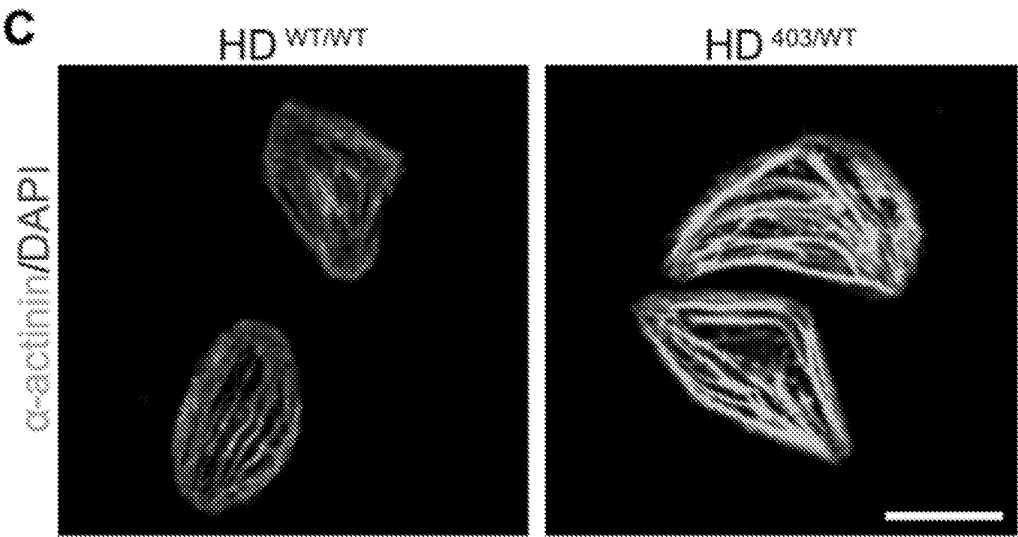


Fig. 6C

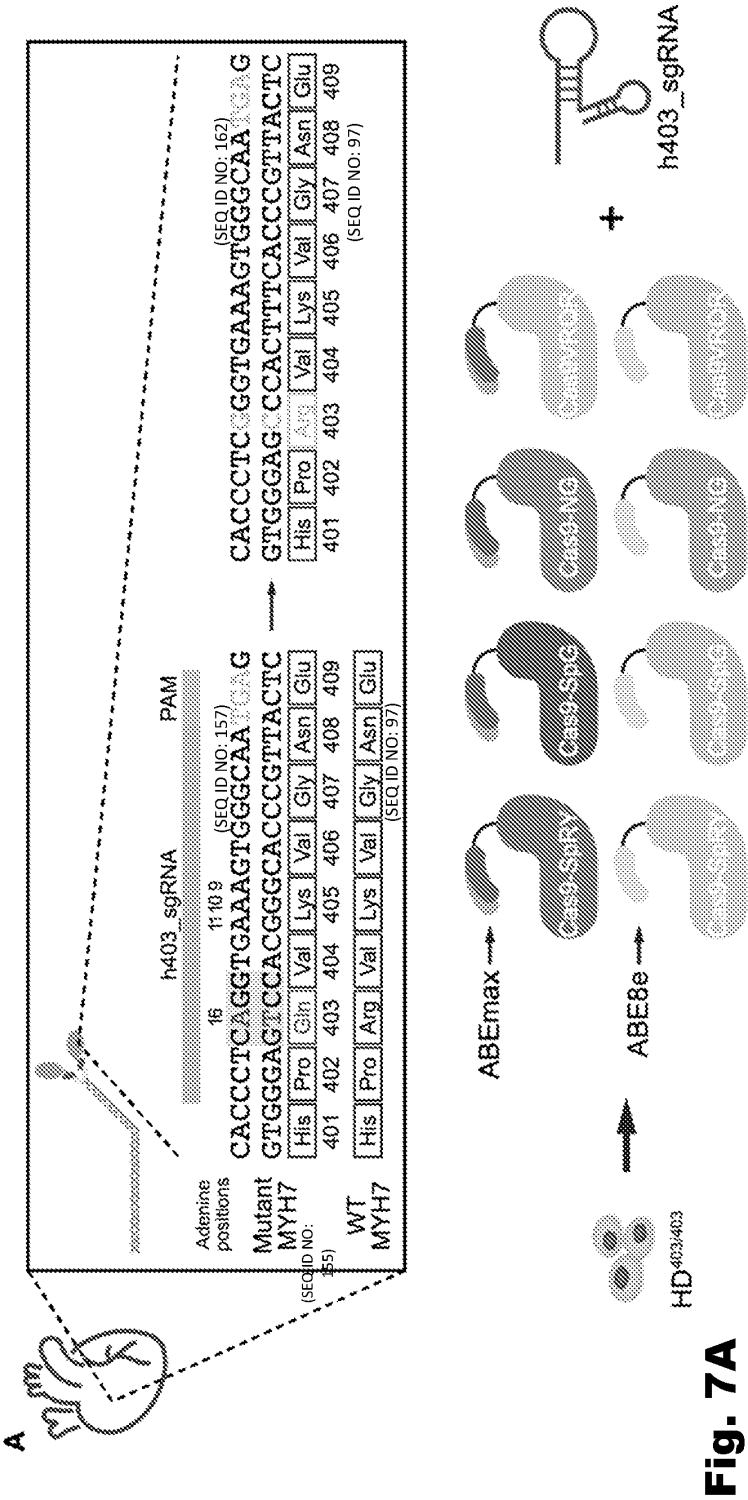


Fig. 7B

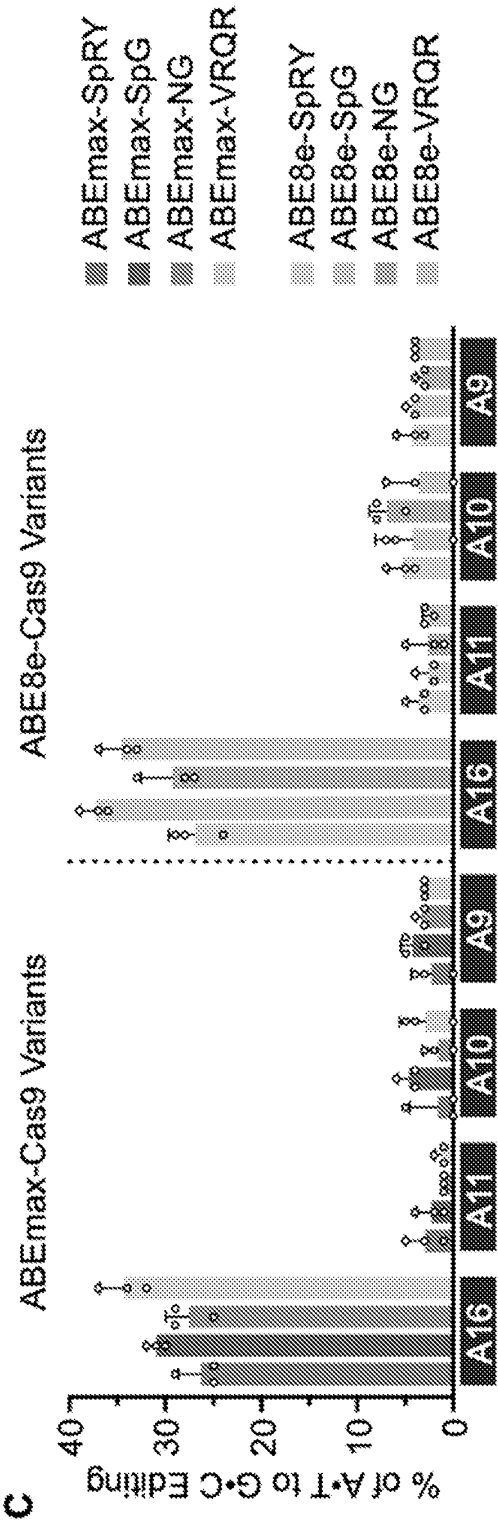


Fig. 7C

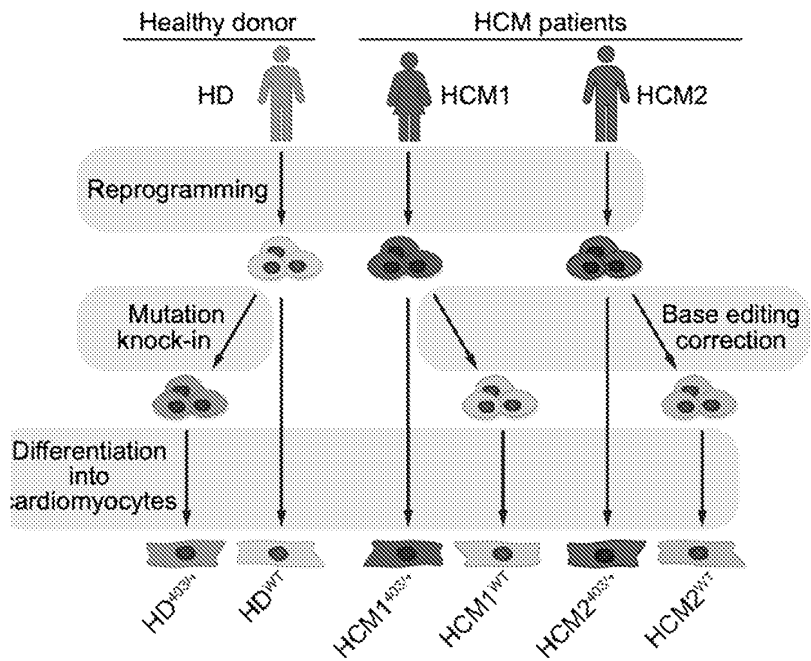


Fig. 8A

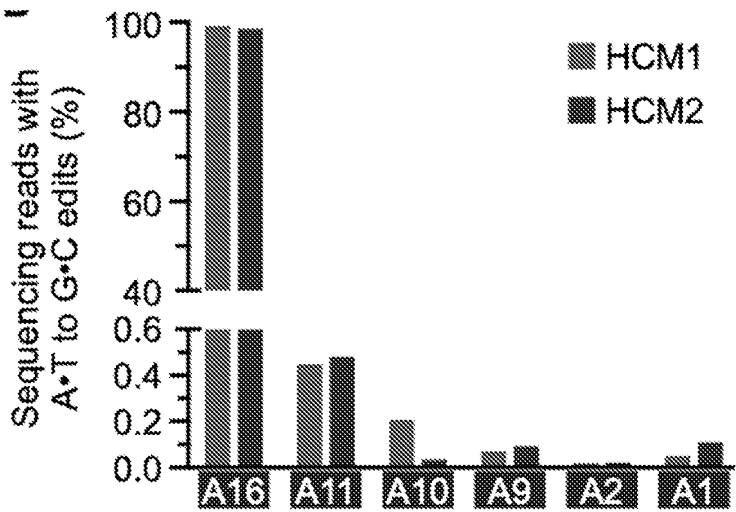


Fig. 8B

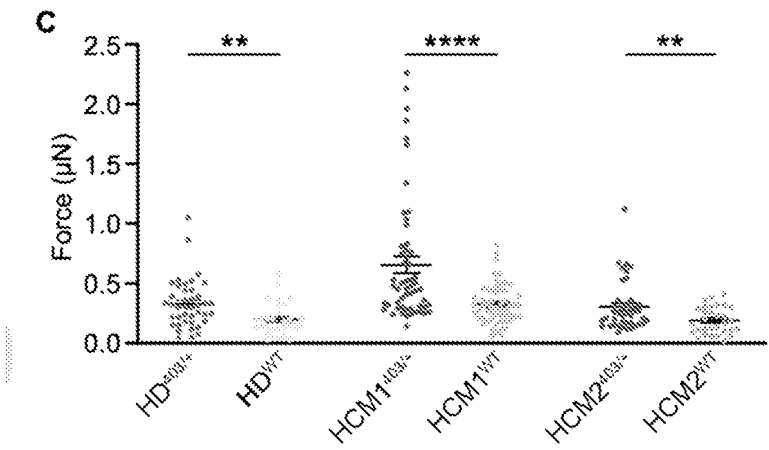


Fig. 8C

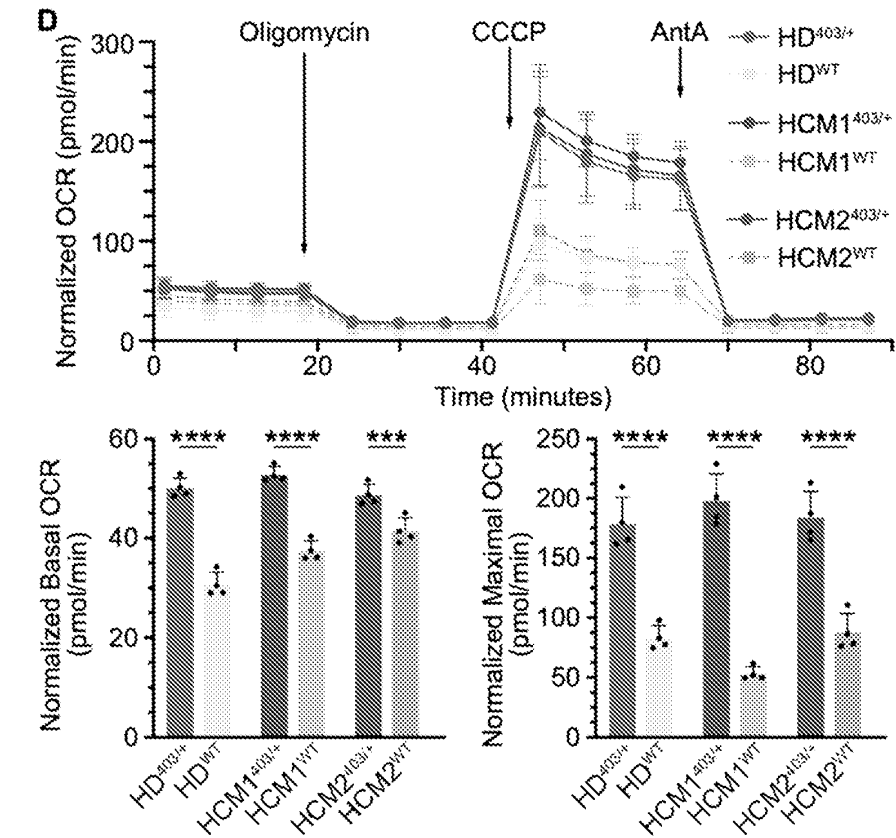


Fig. 8D

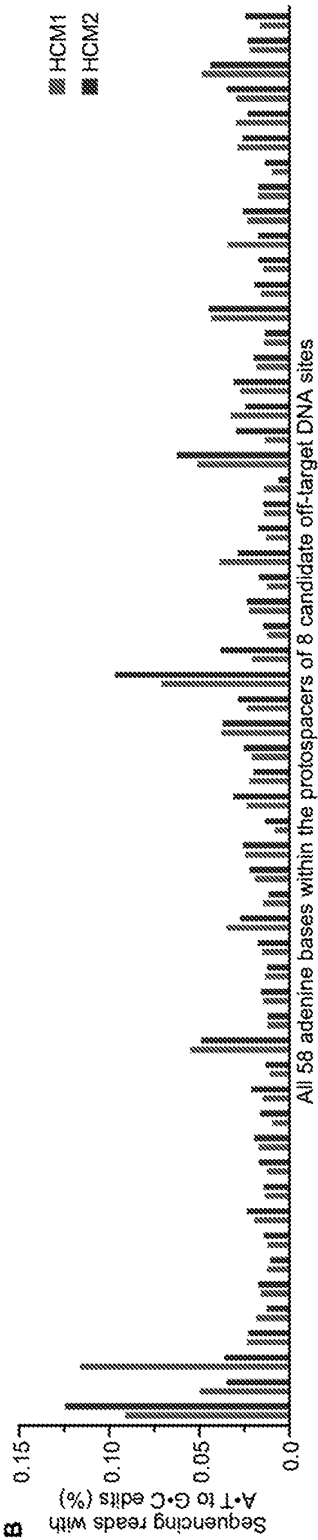


Fig. 9

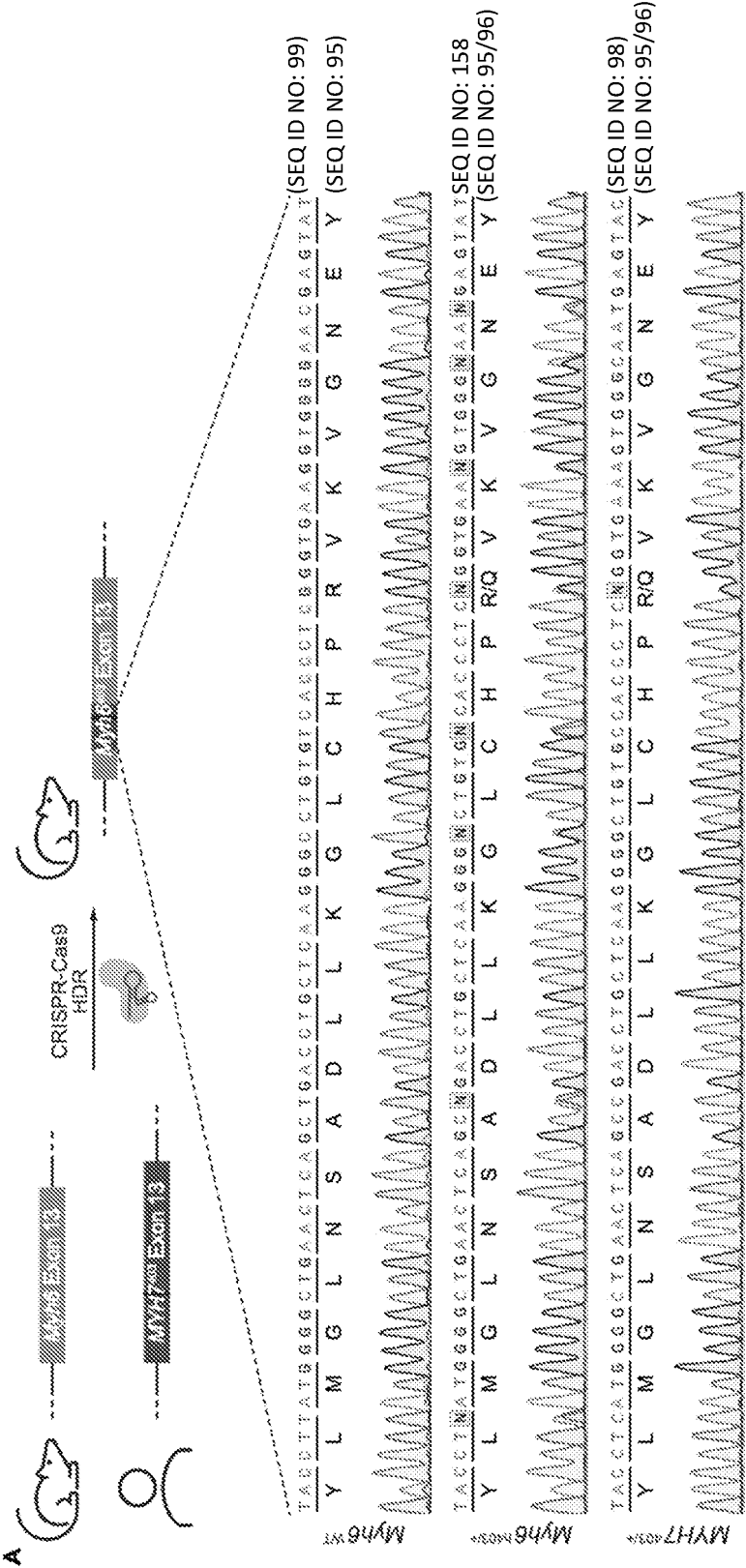
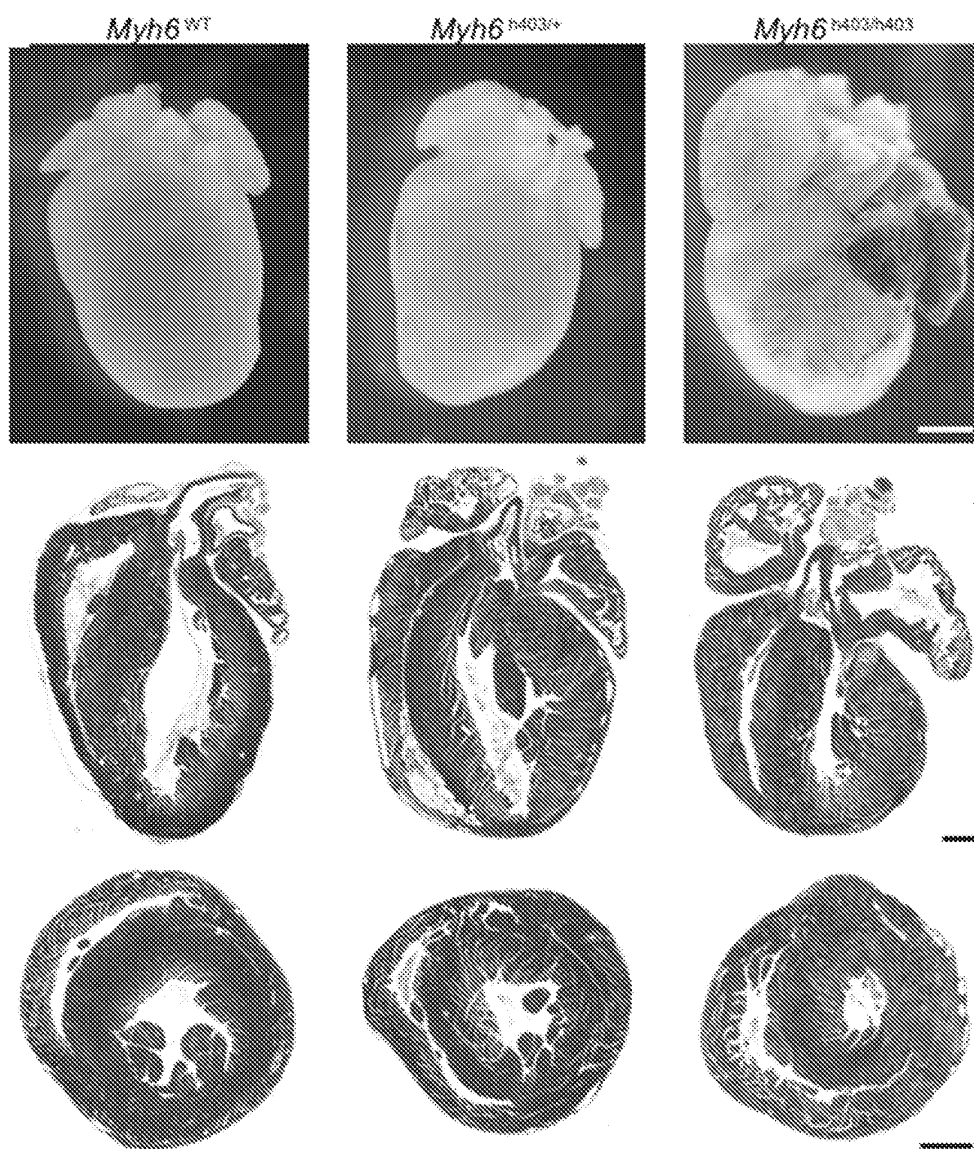
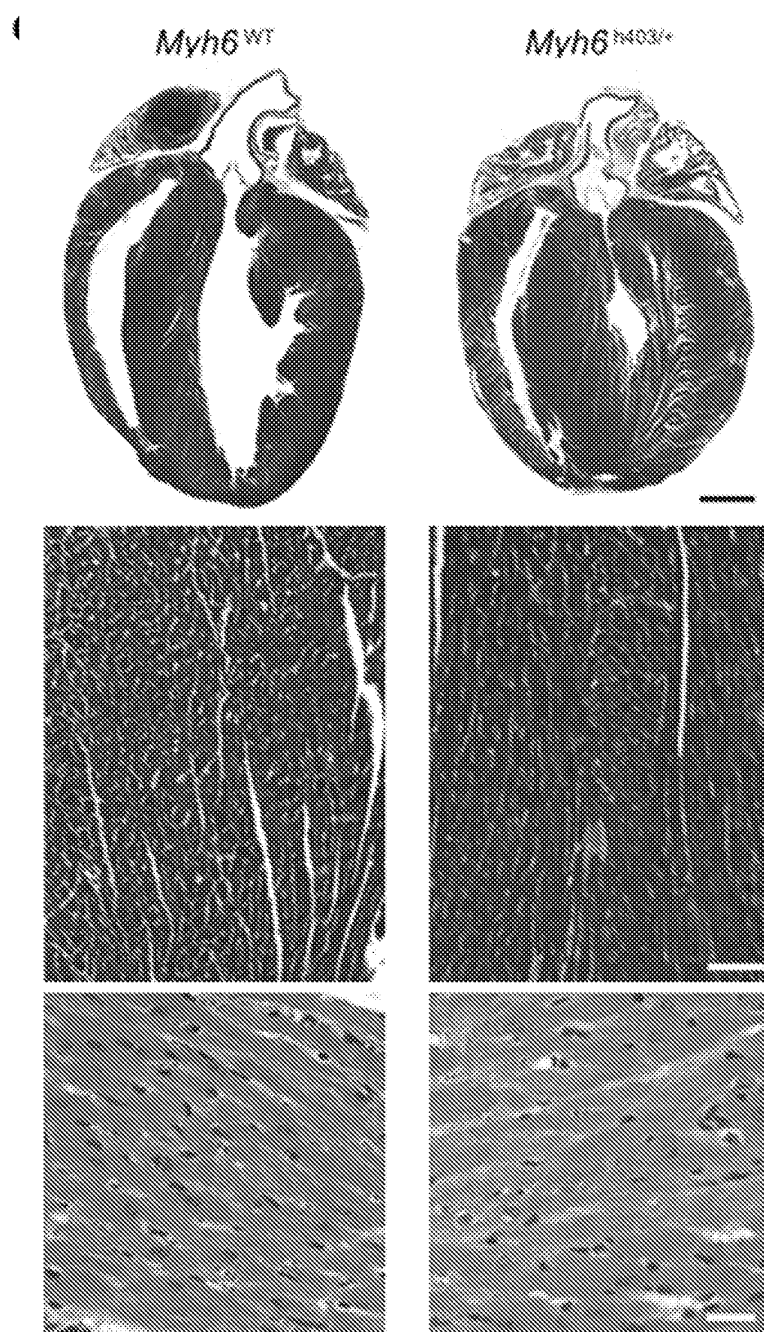


Fig. 11A

**Fig. 11B**

**Fig. 11C**

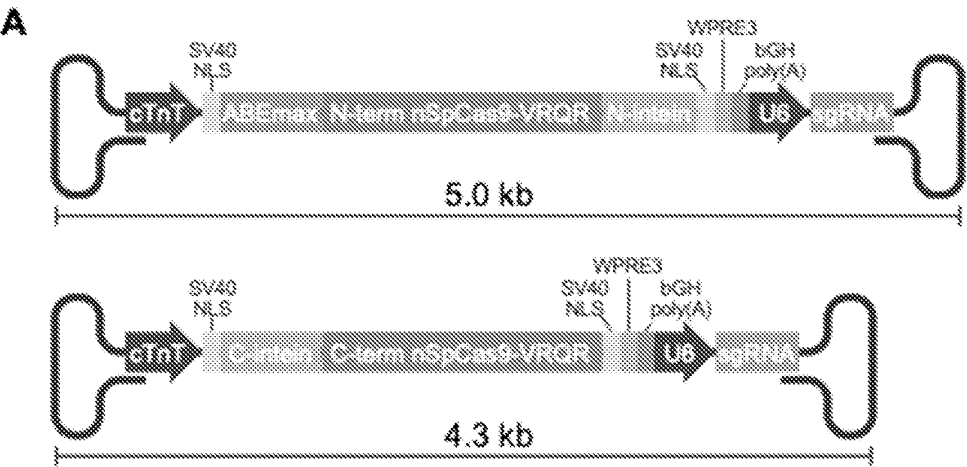


Fig. 12A

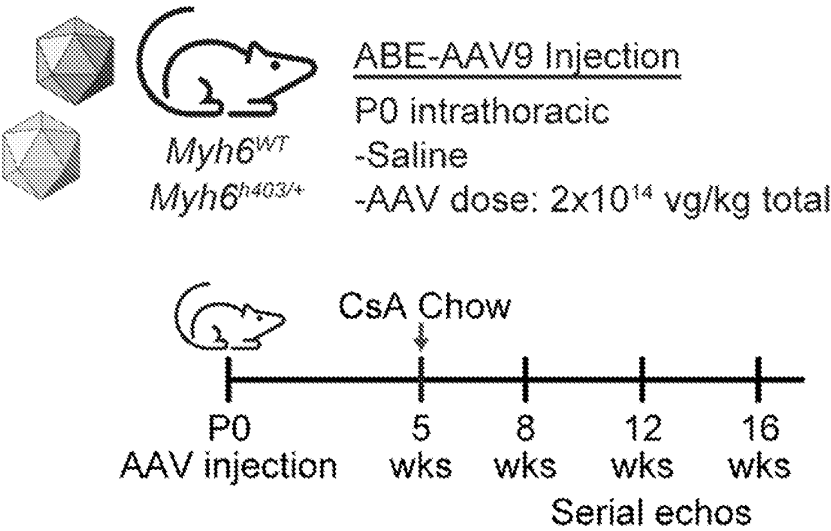


Fig. 12B

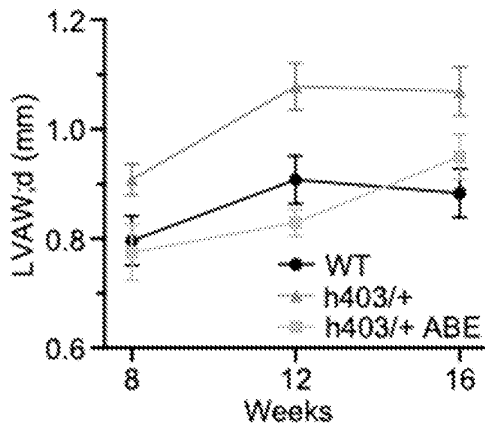


Fig. 12C

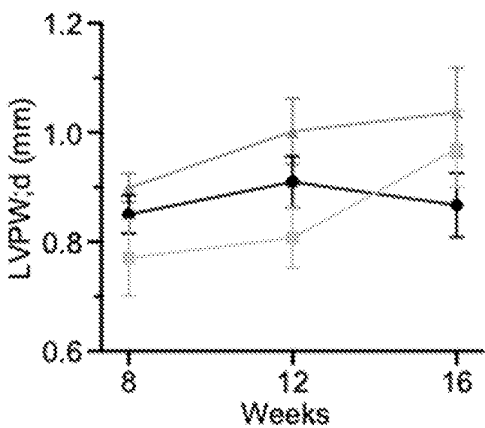


Fig. 12D

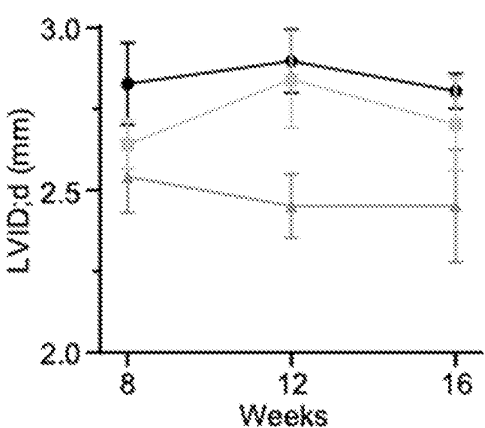


Fig. 12E

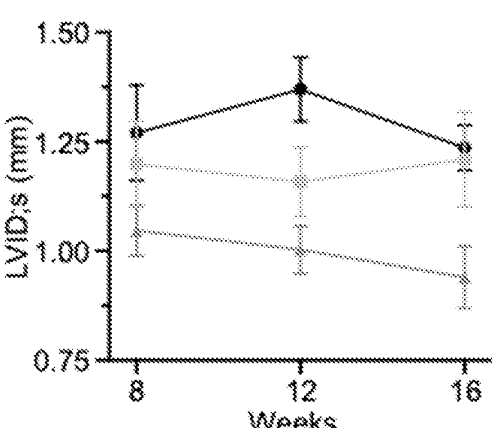
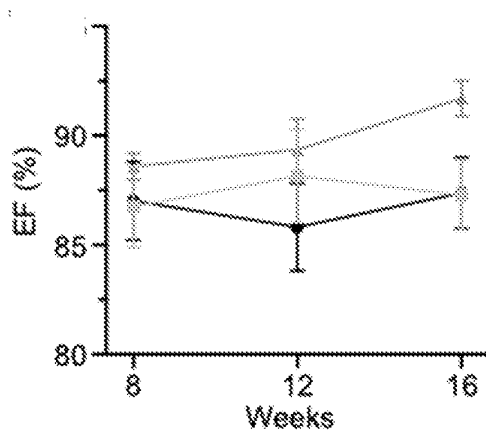
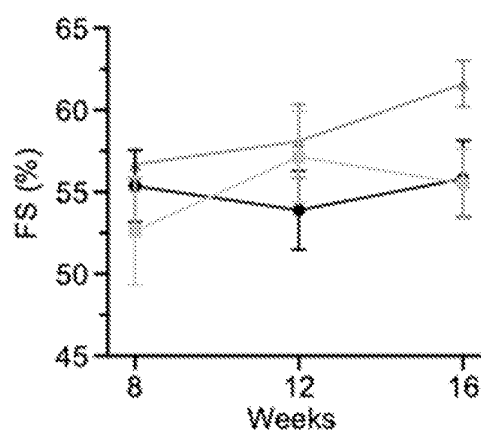
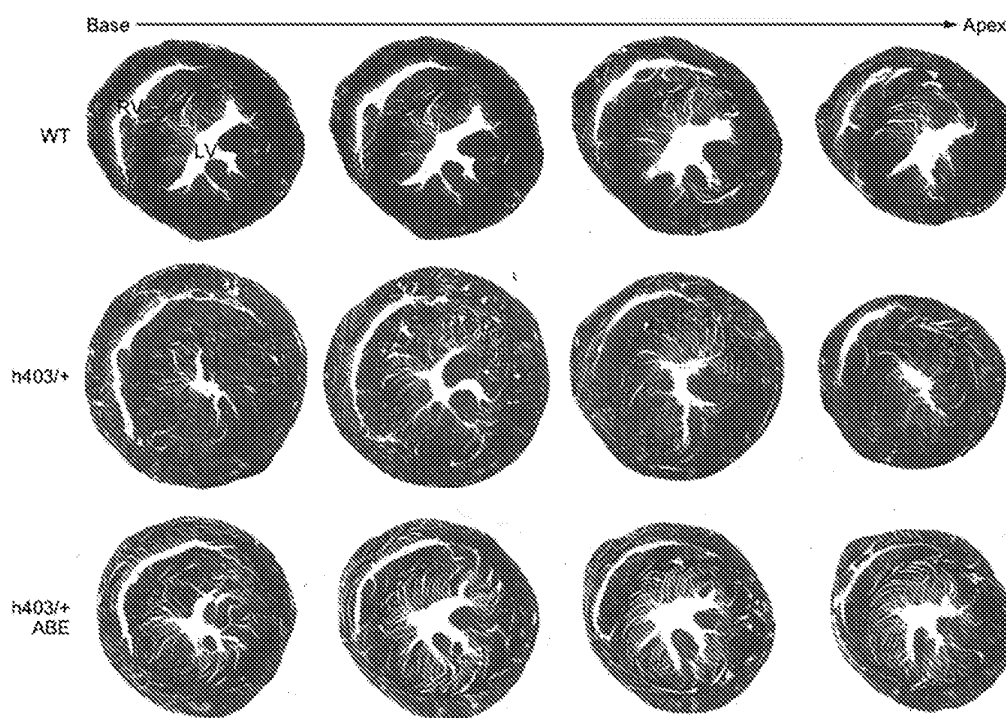


Fig. 12F

**Fig. 12G****Fig. 12H****Fig. 12I**

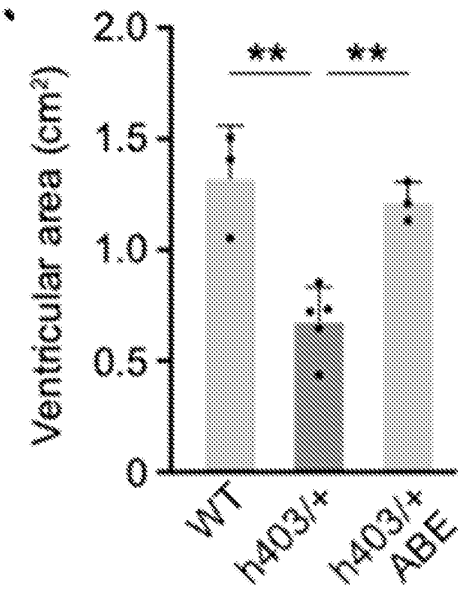


Fig. 12J

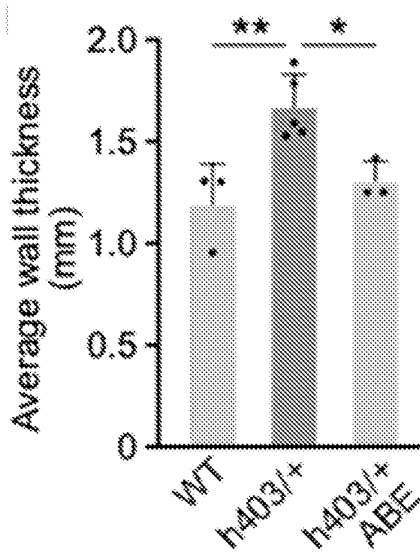


Fig. 12K

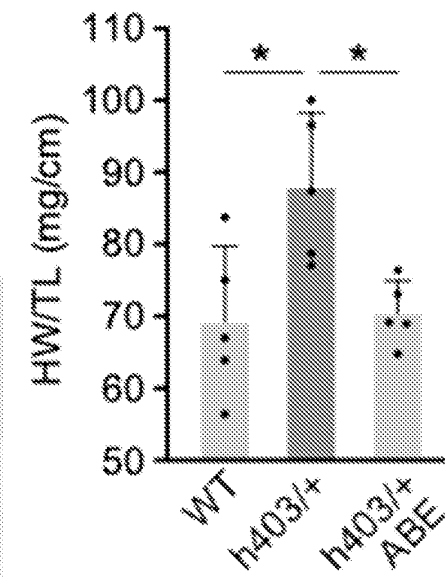


Fig. 12L

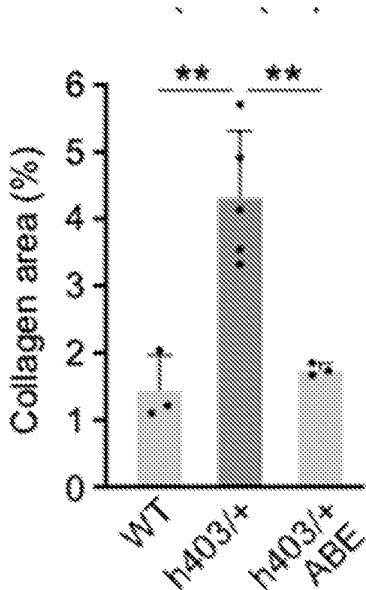
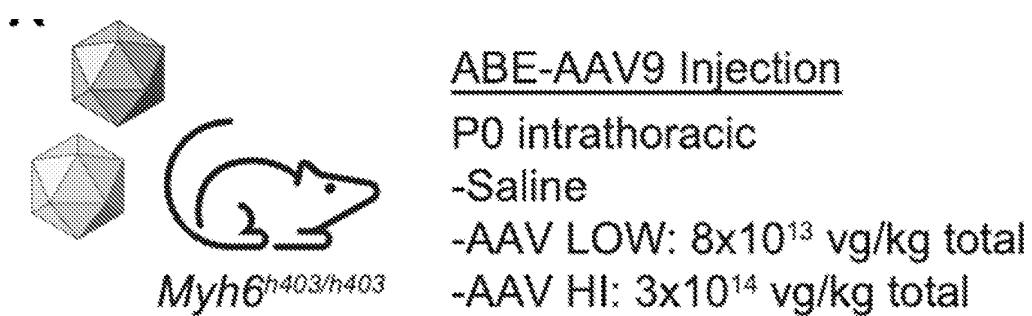
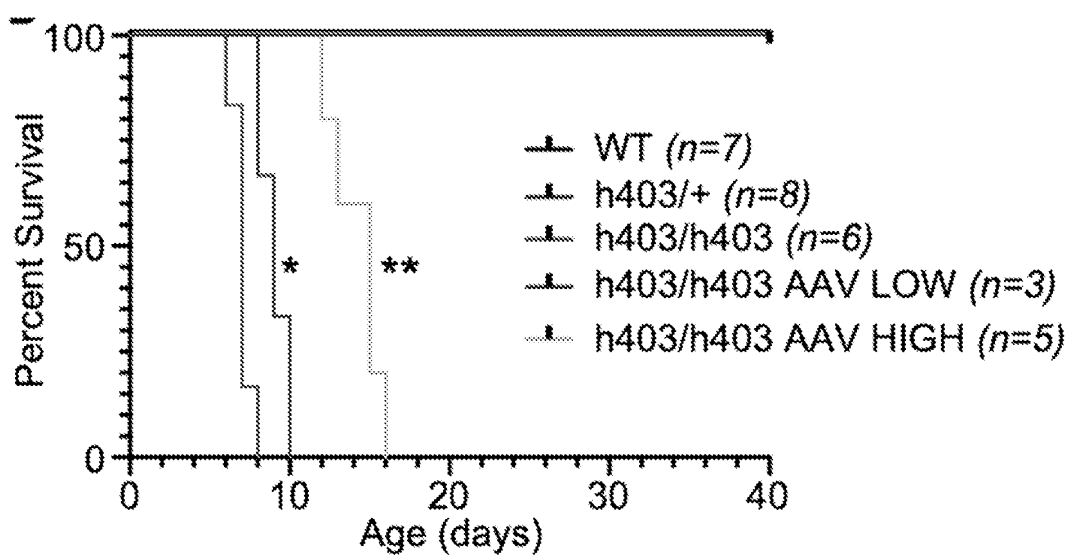
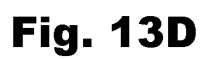


Fig. 12M

**Fig. 13A****Fig. 13B**



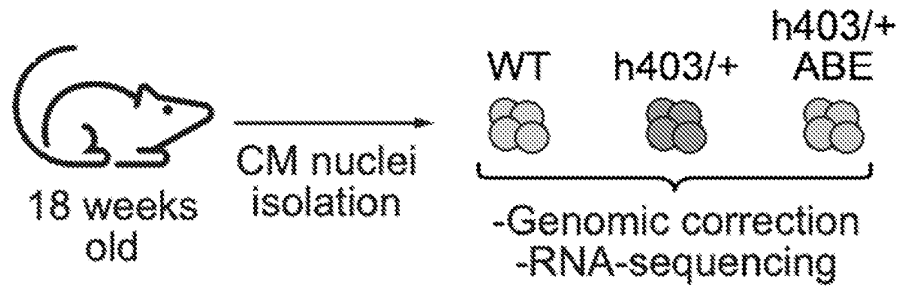


Fig. 14A

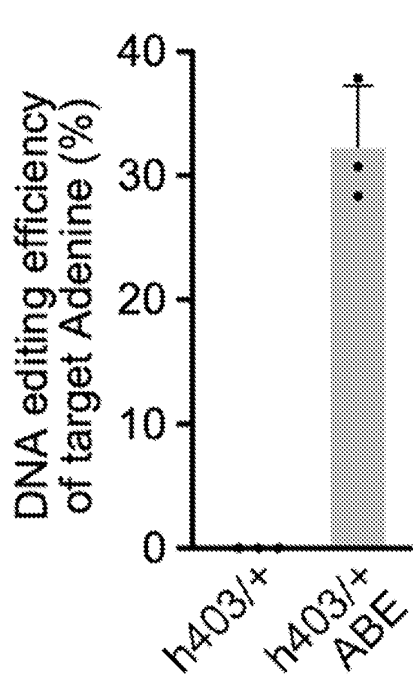


Fig. 14B

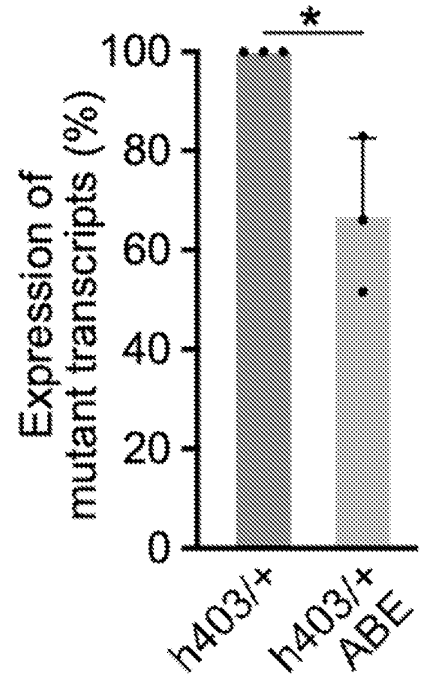


Fig. 14C

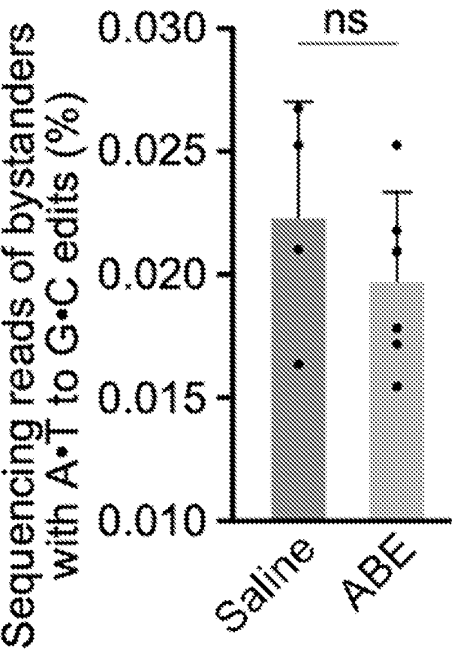


Fig. 14D

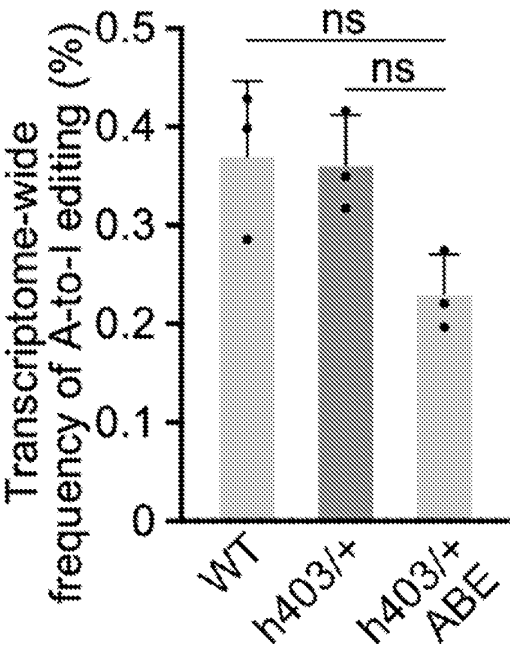


Fig. 14E

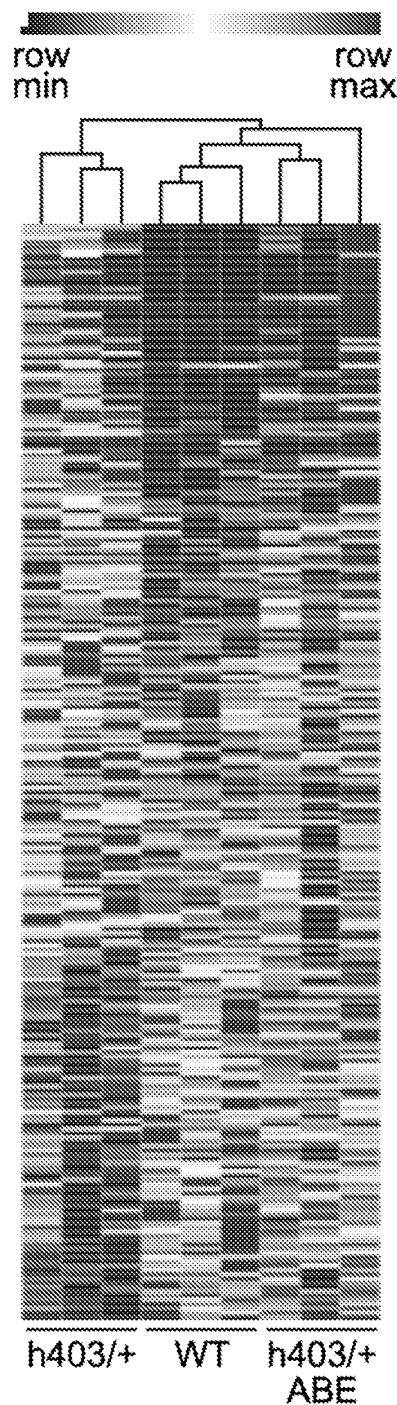


Fig. 14F

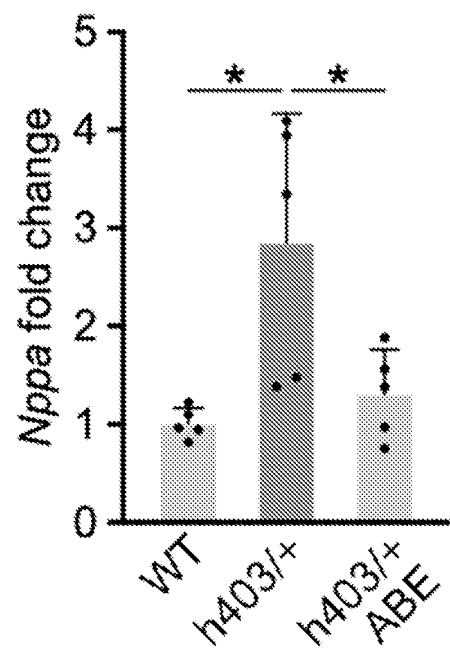
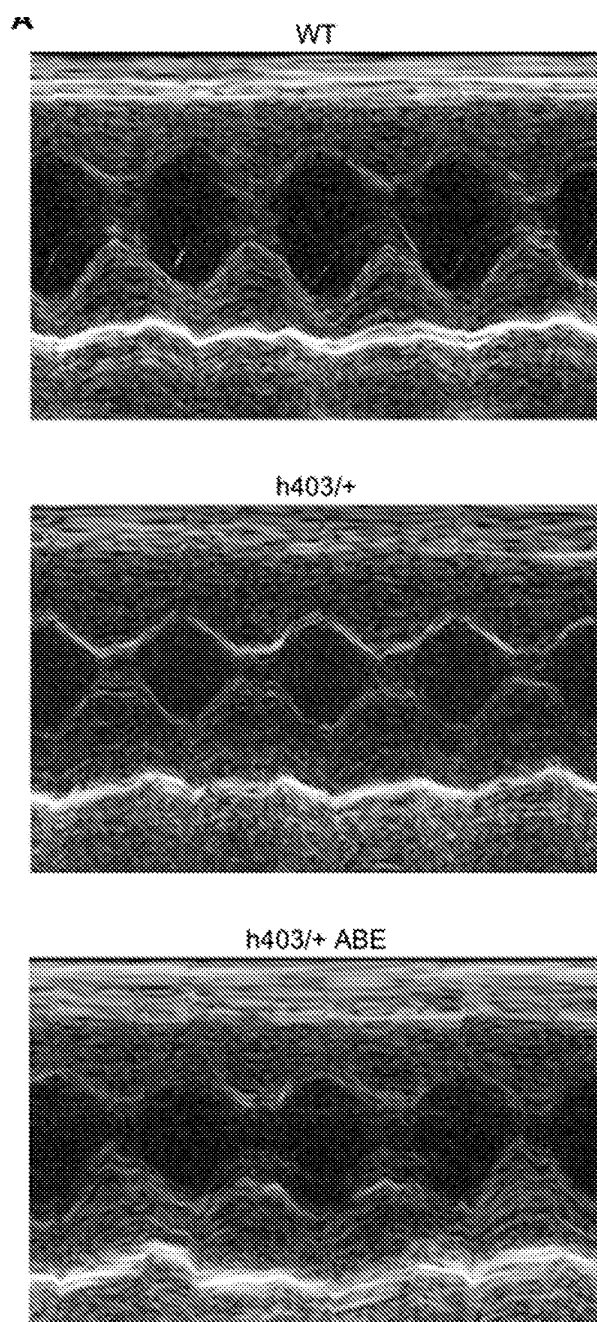


Fig. 14G

**Fig. 15A**

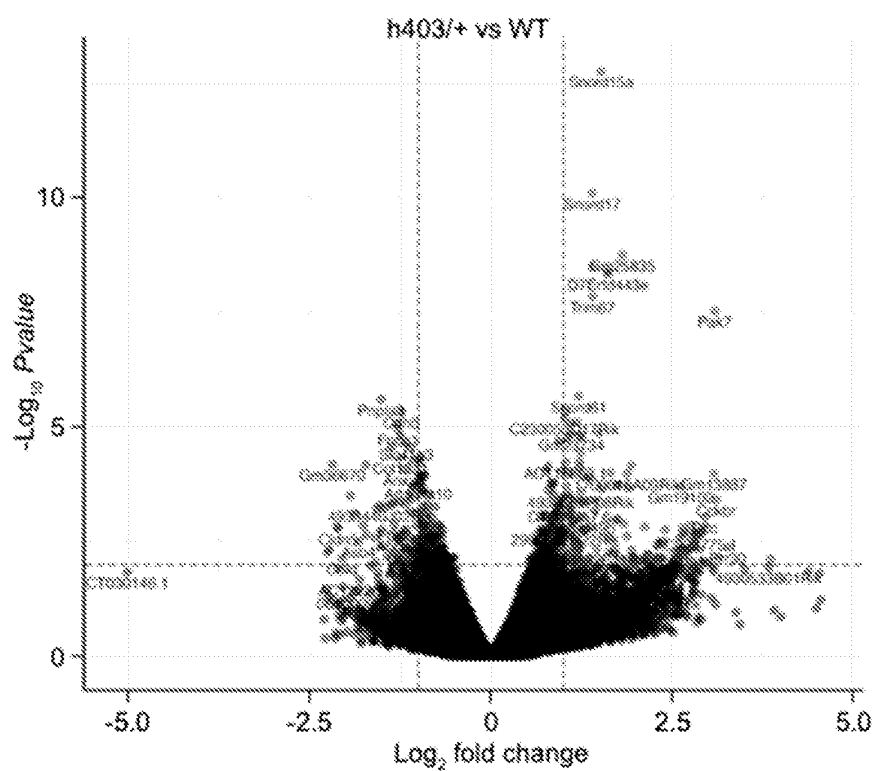


Fig. 15B

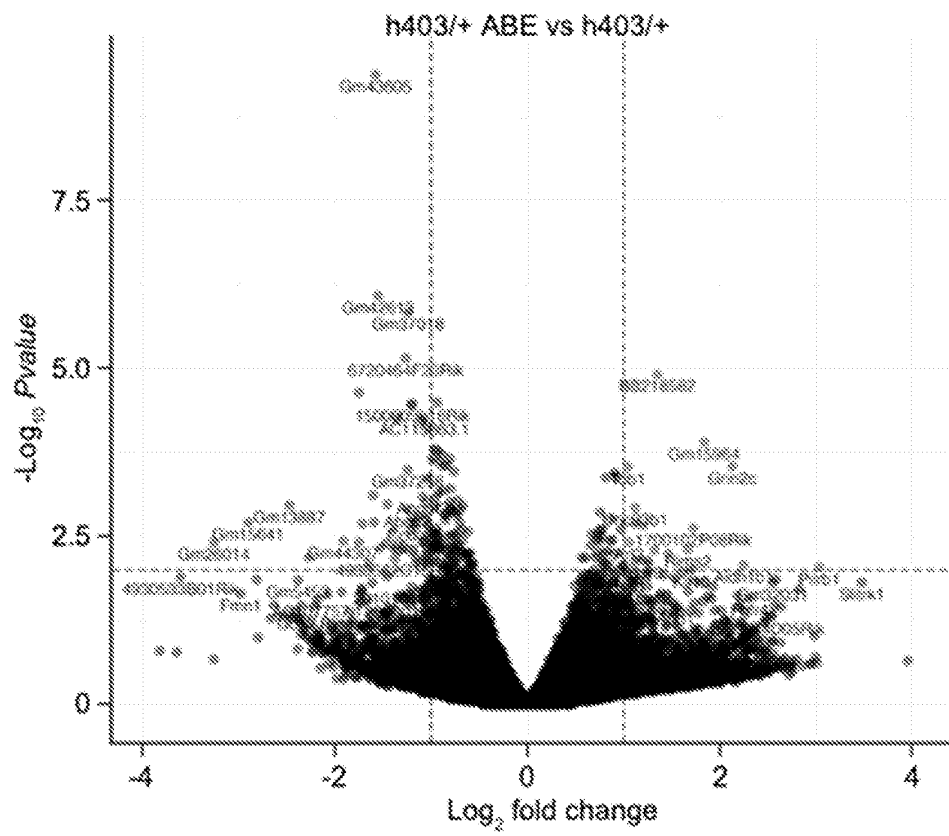
f

Fig. 15C

