

FIG. 1A

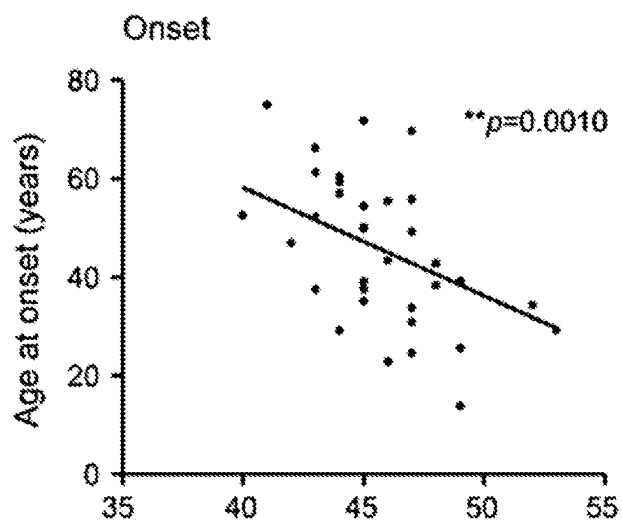


FIG. 1B

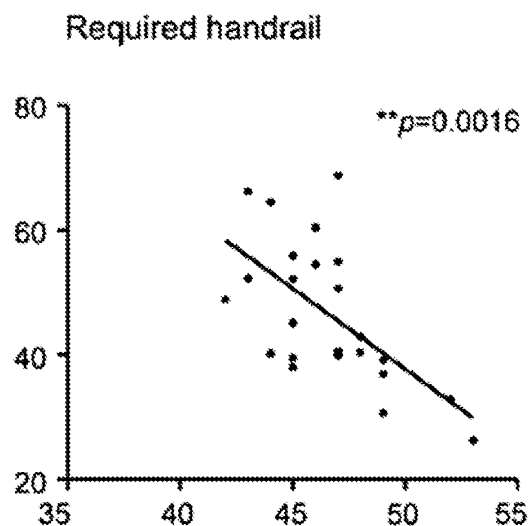


FIG. 1C

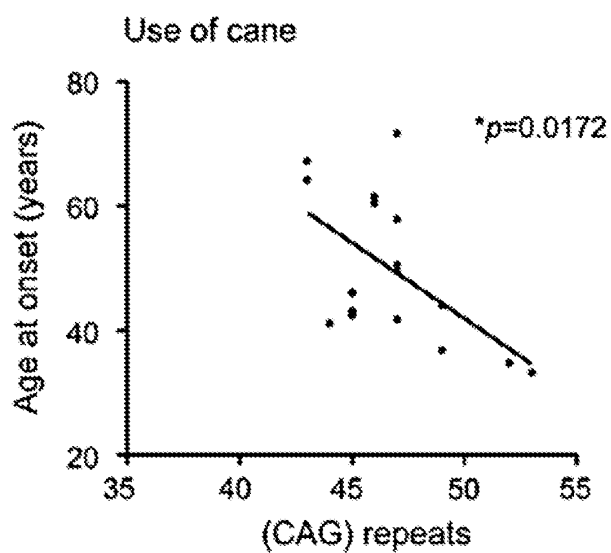
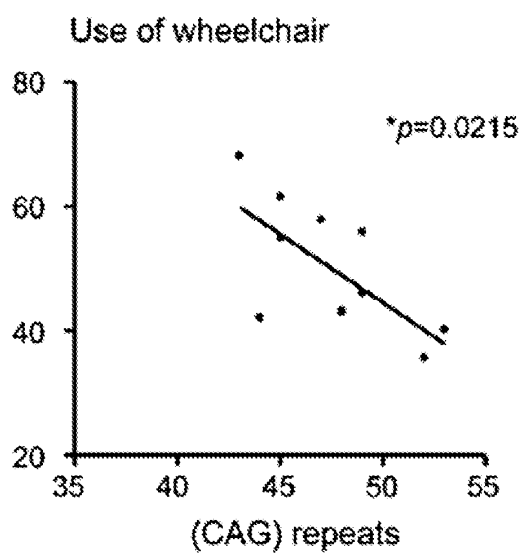


FIG. 1D



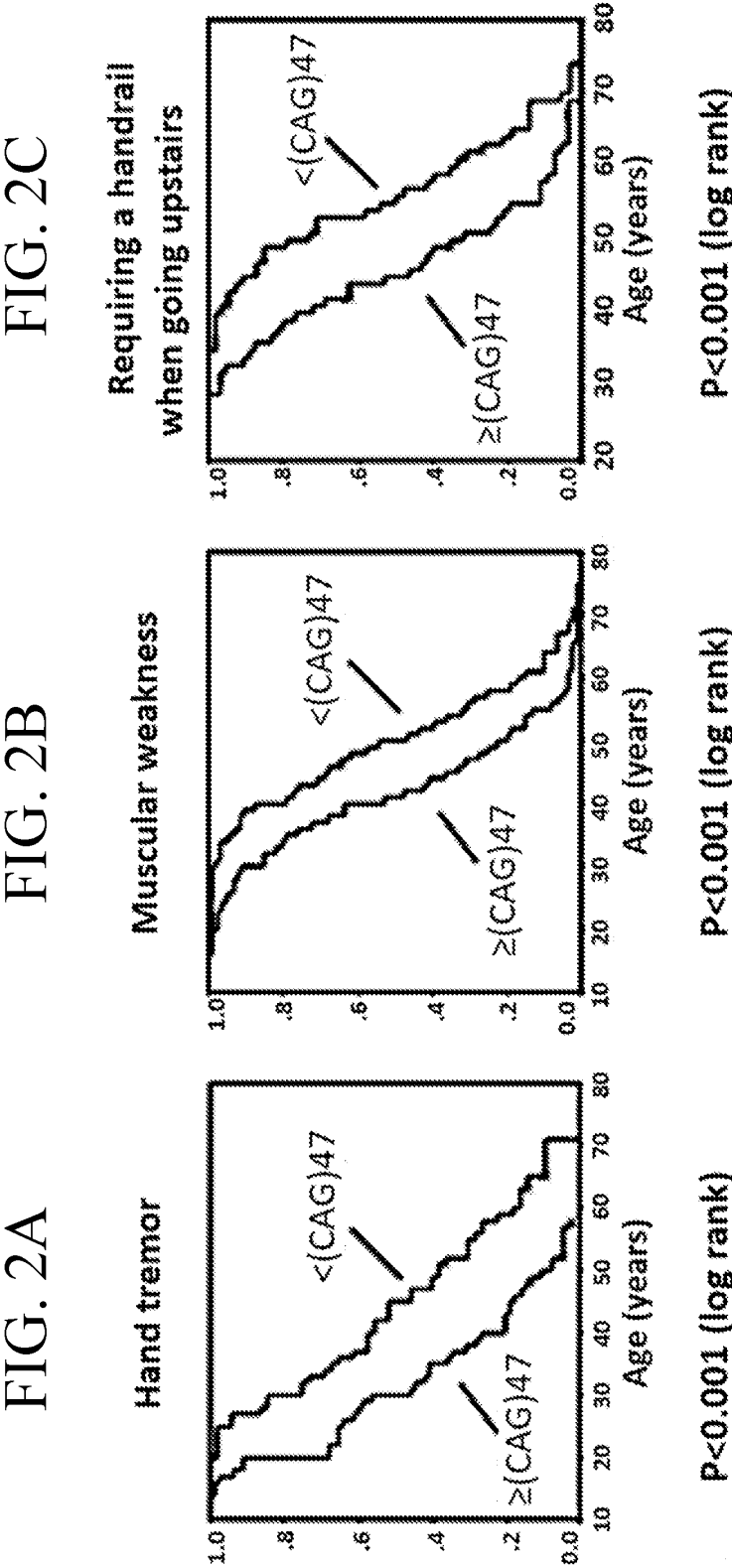


FIG. 3A

FIG. 3B

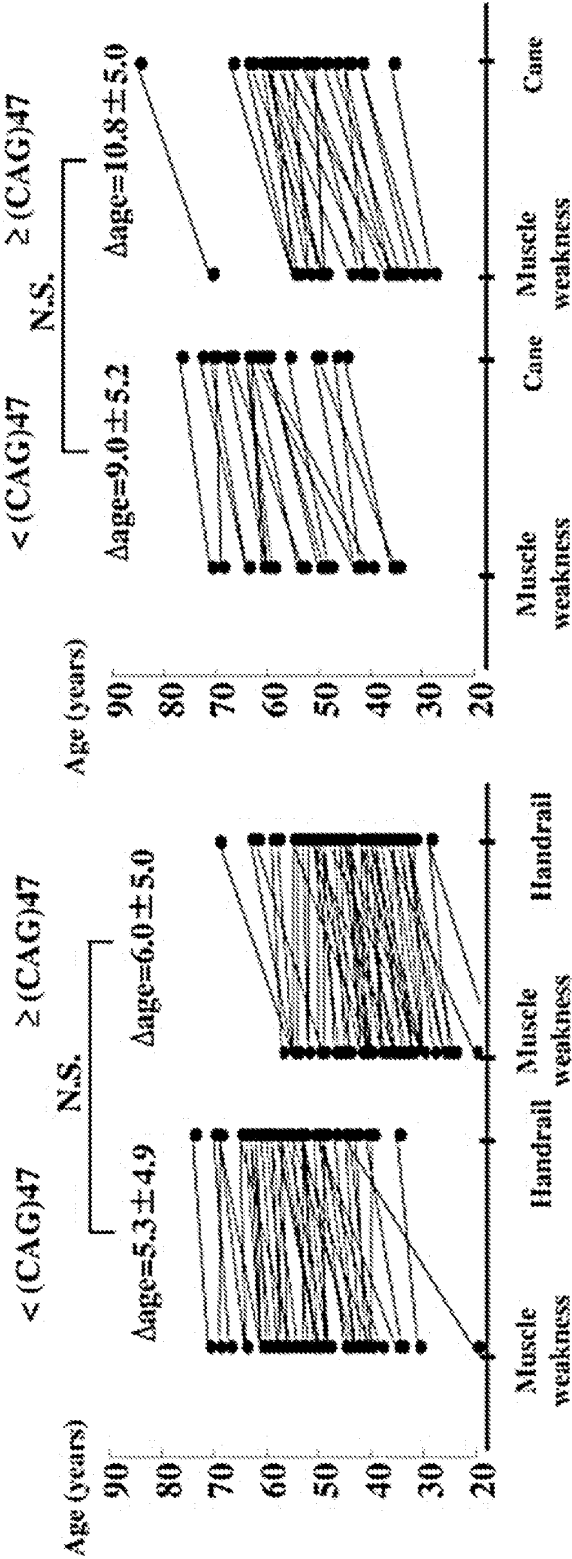


FIG. 3C

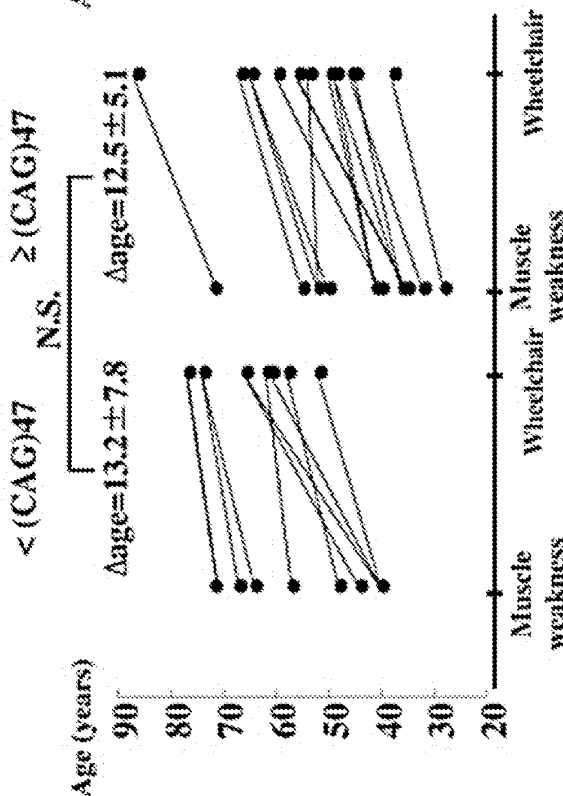


FIG. 3D

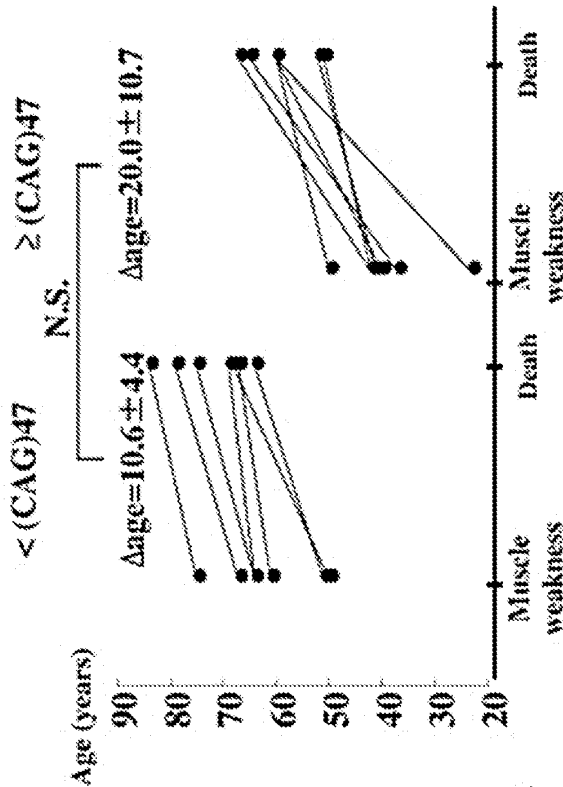


FIG. 4A

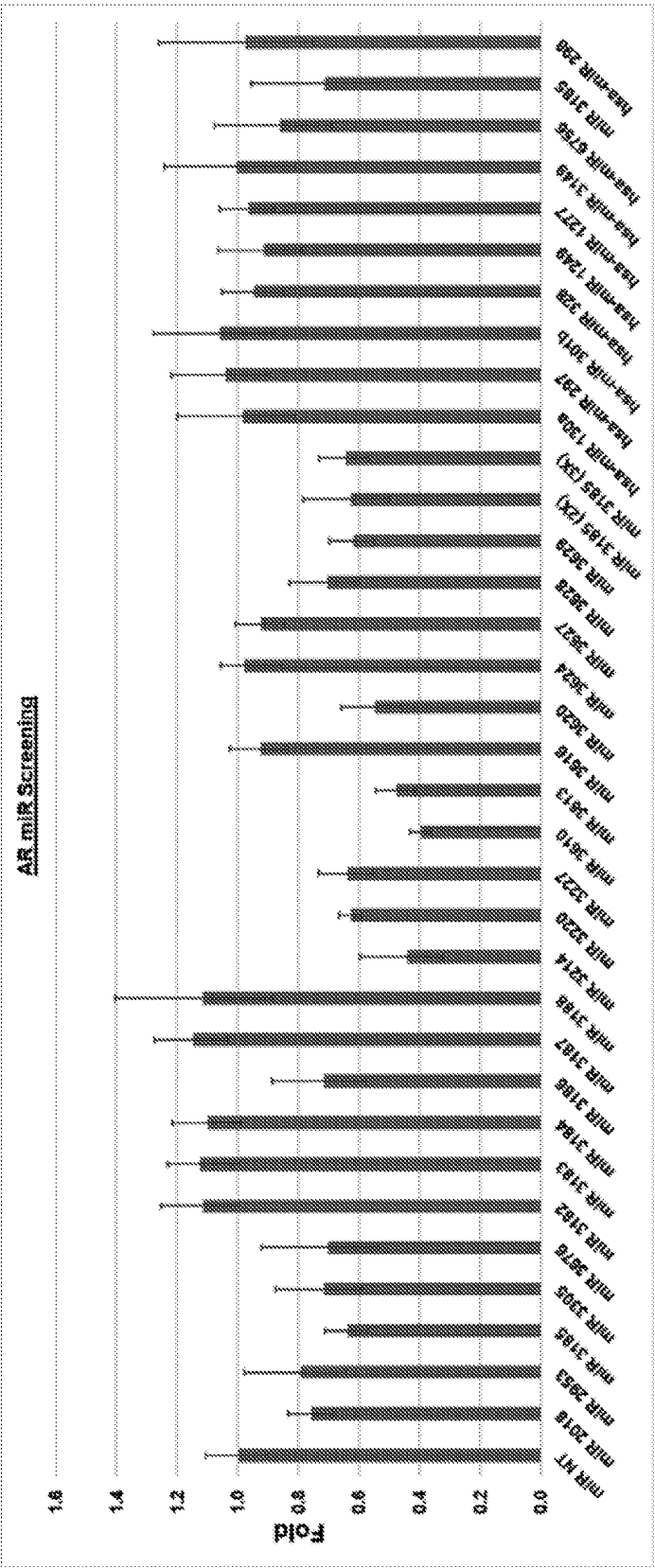


FIG. 4B

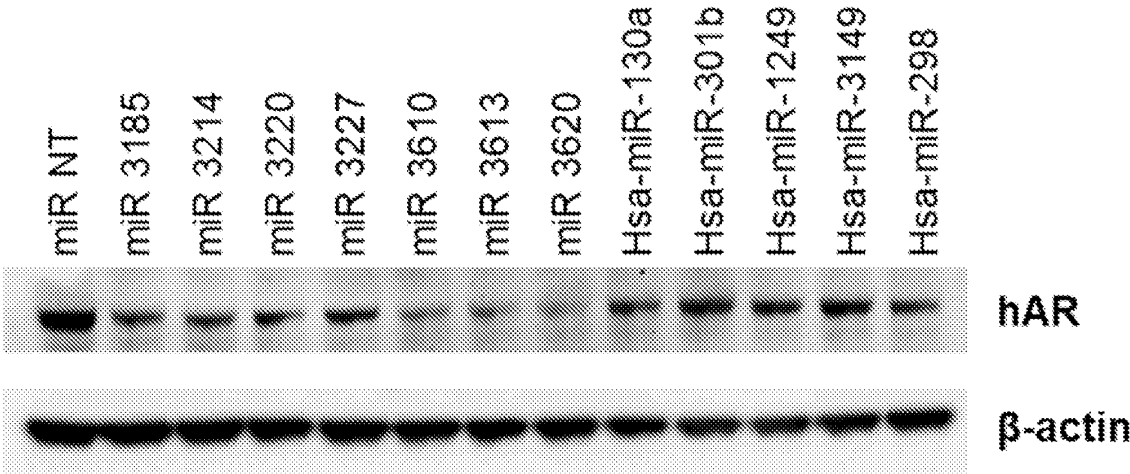


FIG. 5A

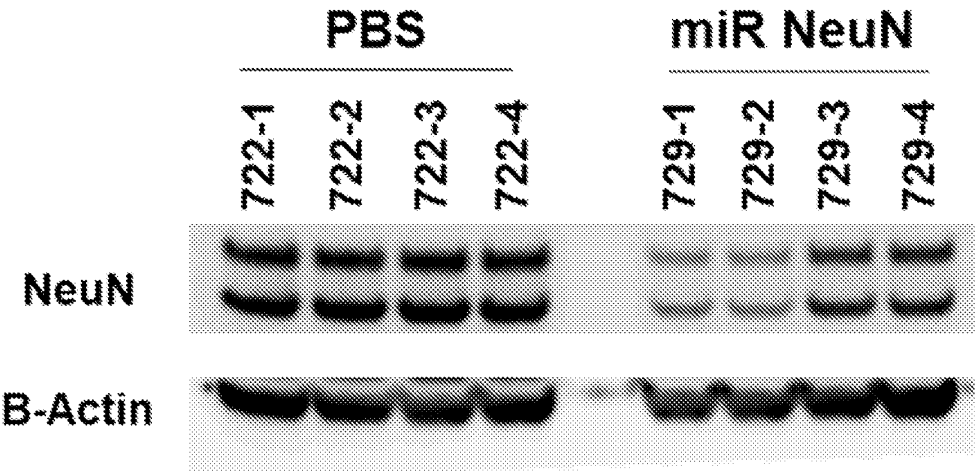


FIG. 5B

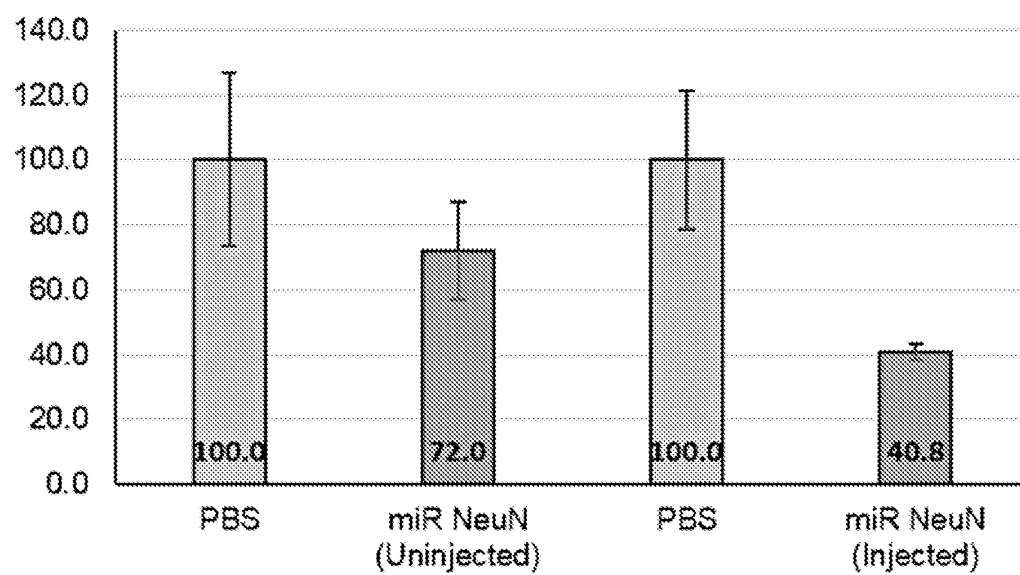
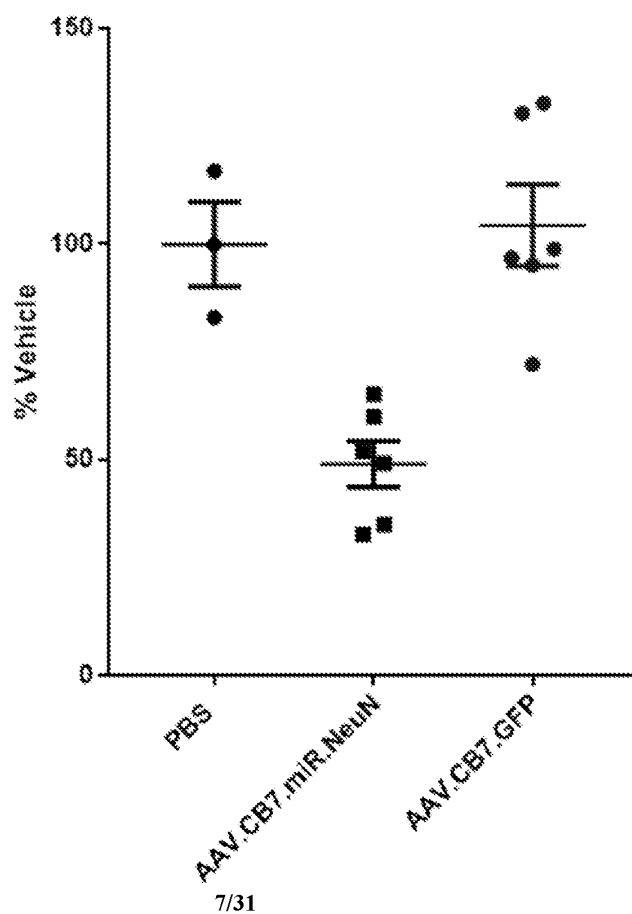


FIG. 5C



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FIG. 6B

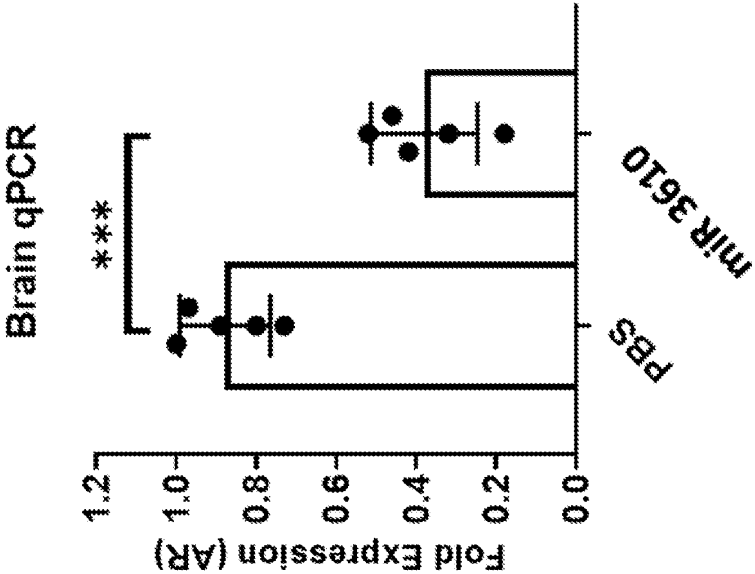


FIG. 6A

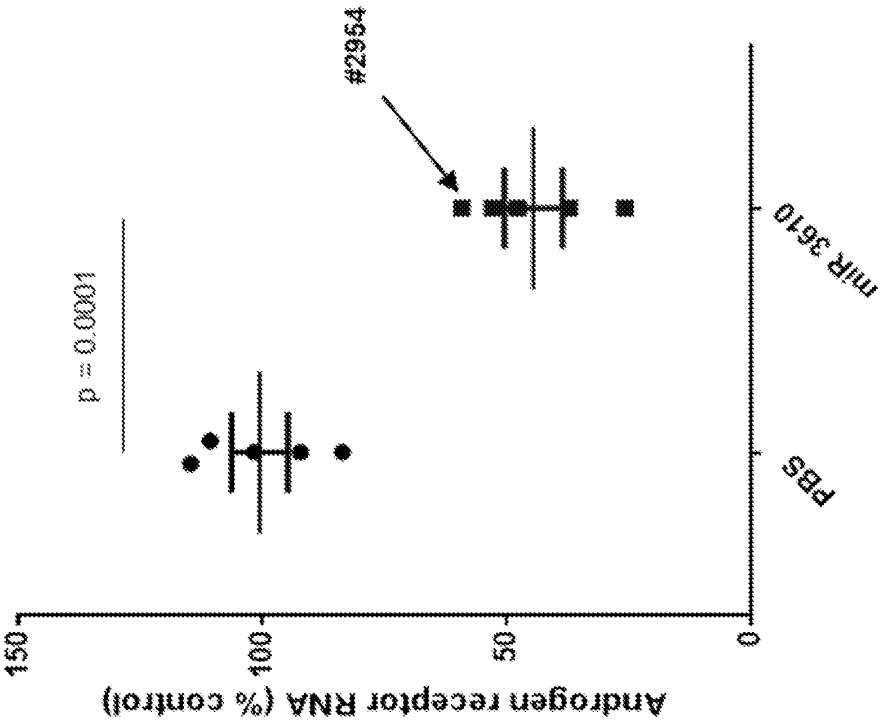


FIG. 6C

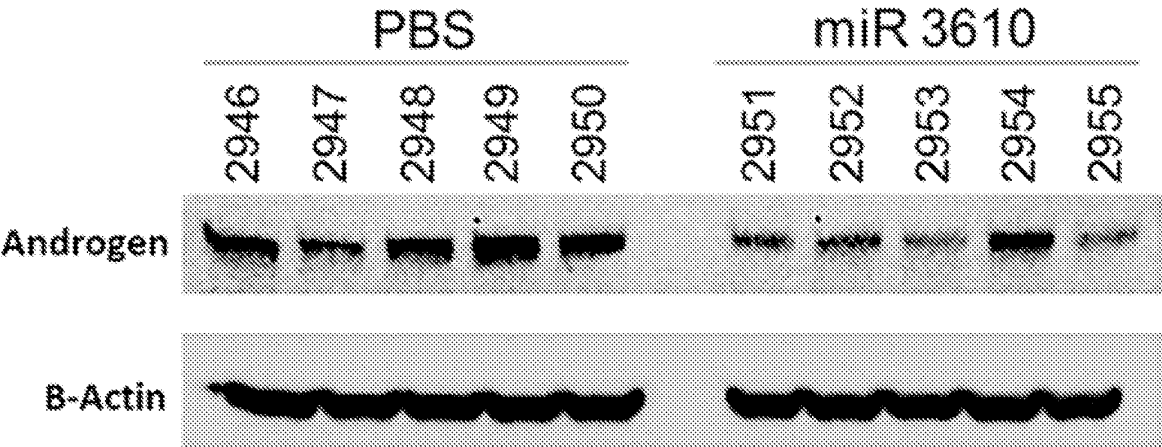


FIG. 7A

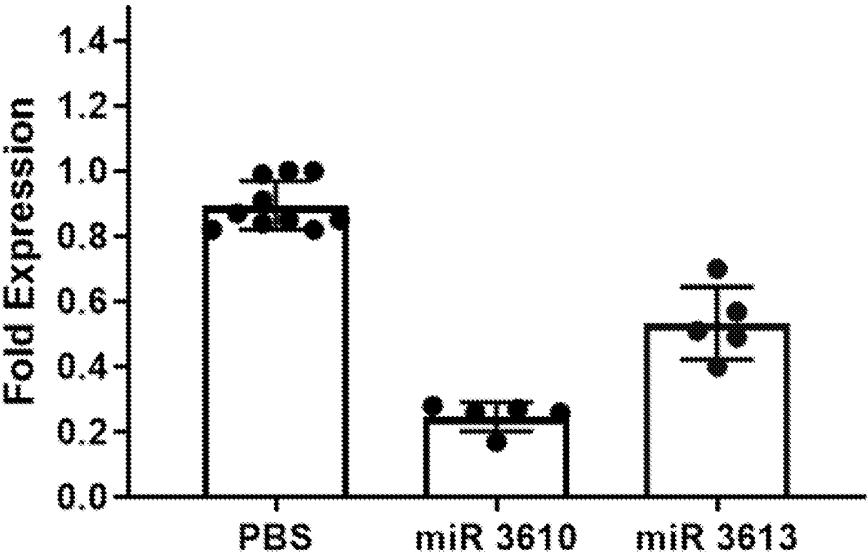


FIG. 7B

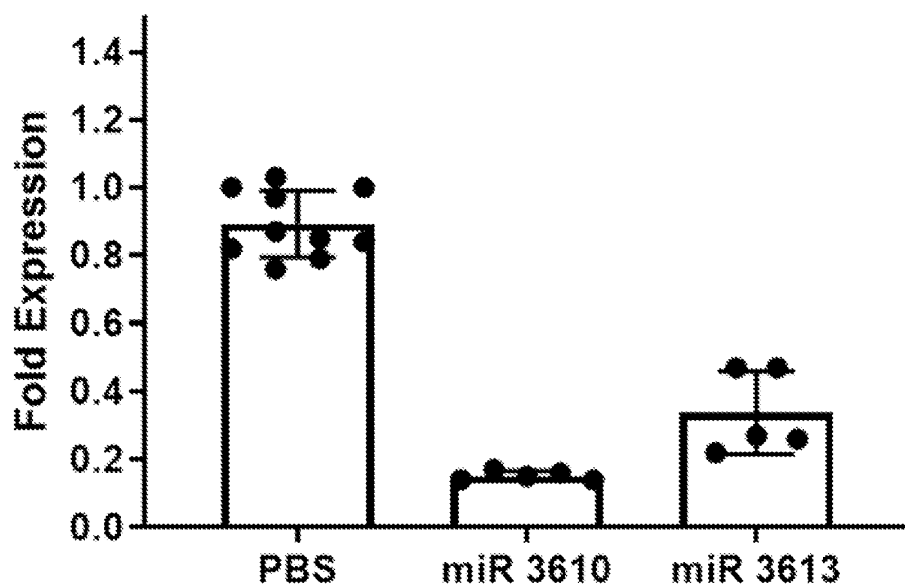


FIG. 7C

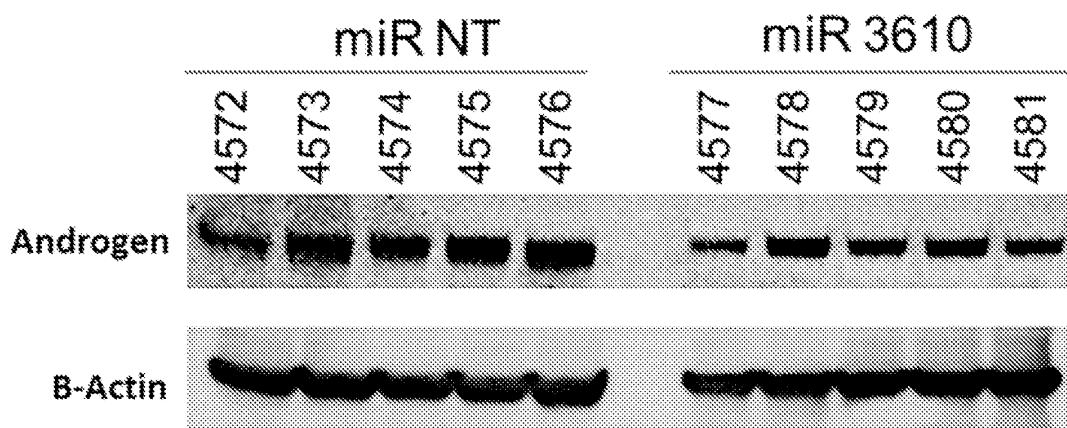


FIG. 7D

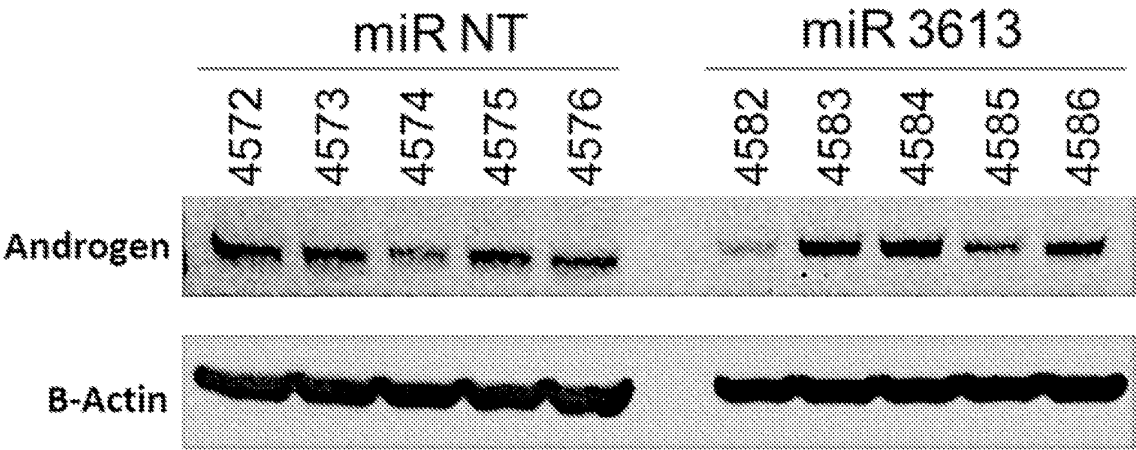


FIG. 7E

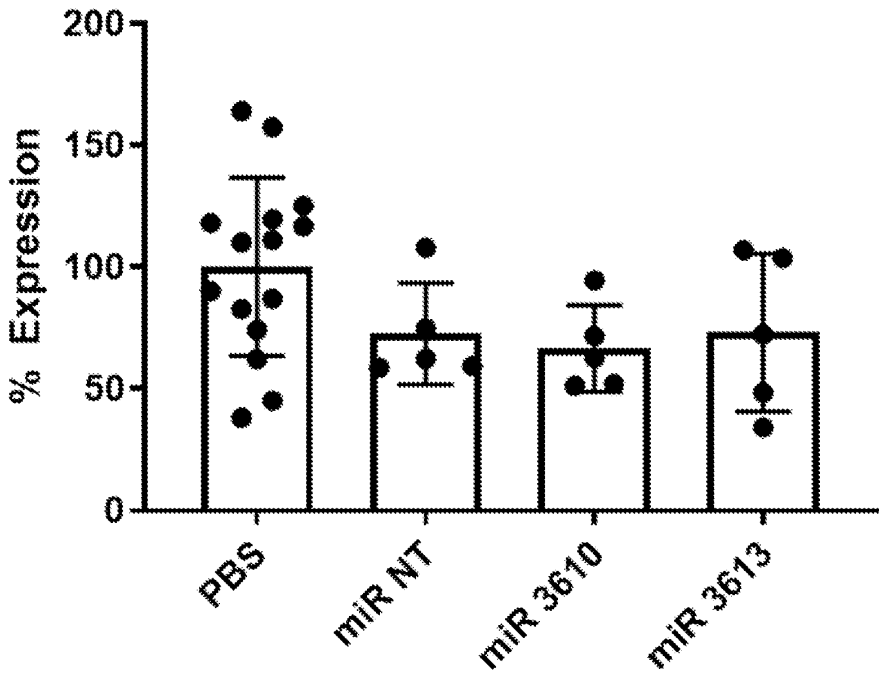


FIG. 8

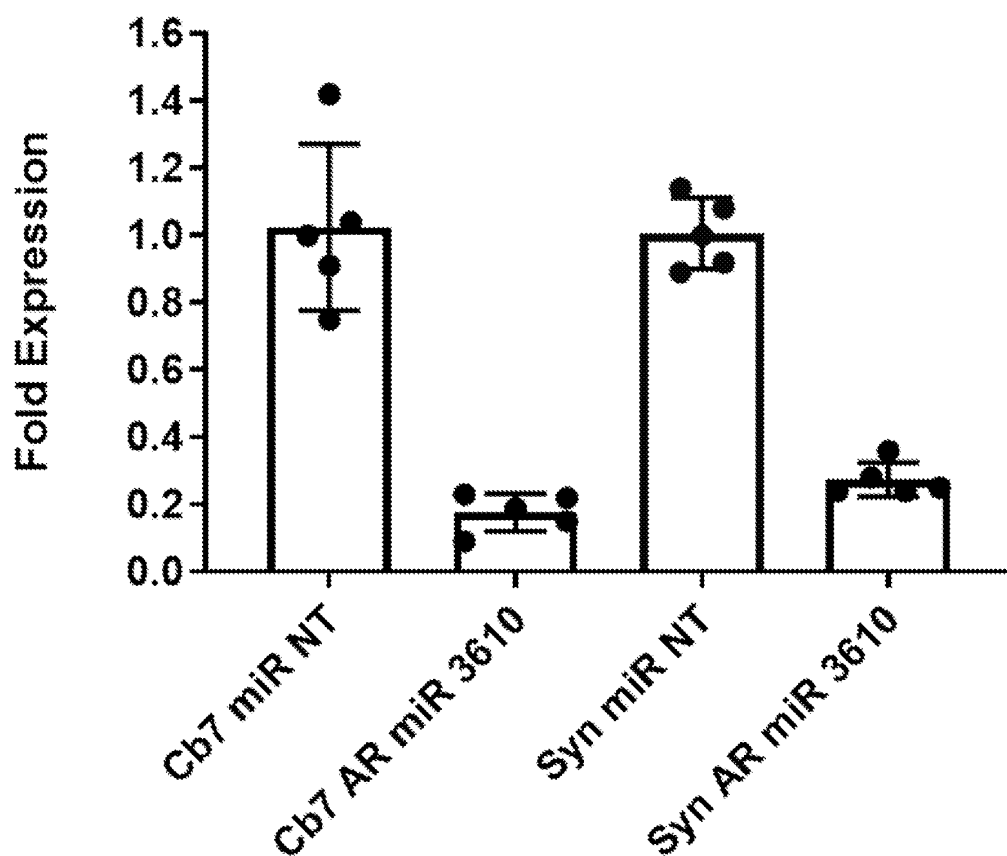


FIG. 9A

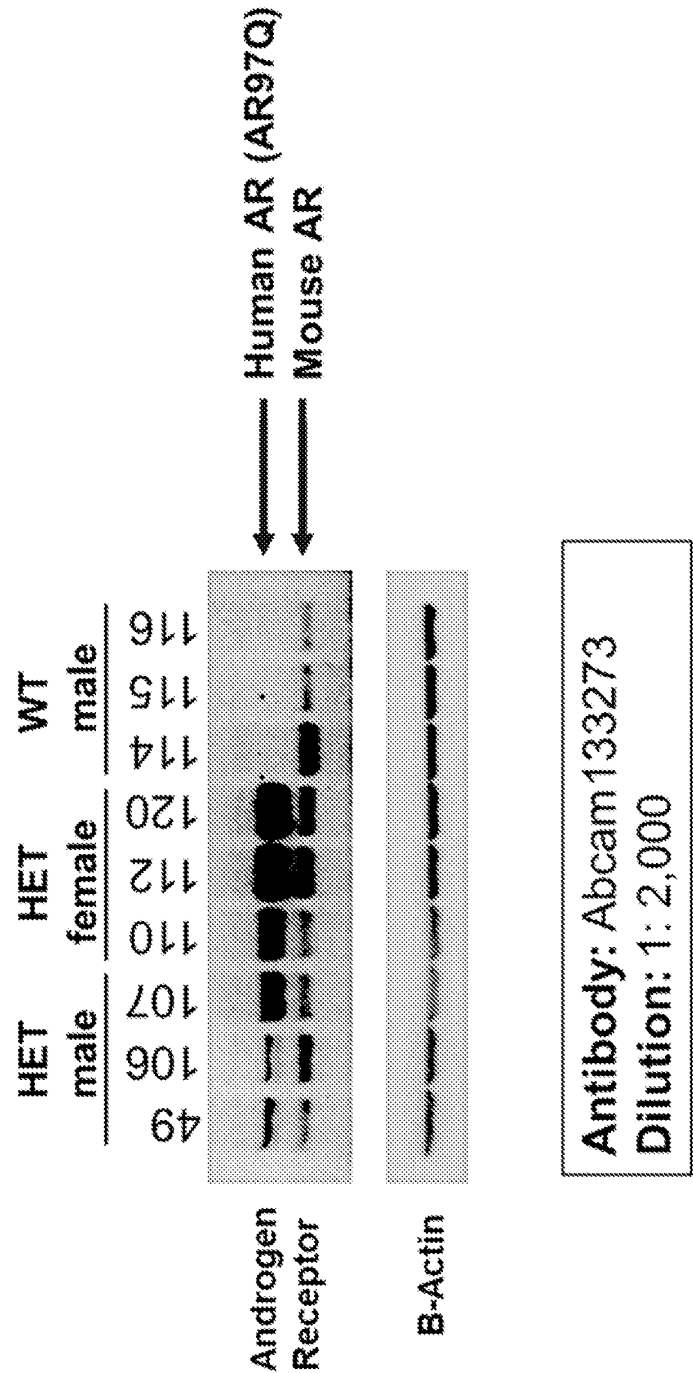
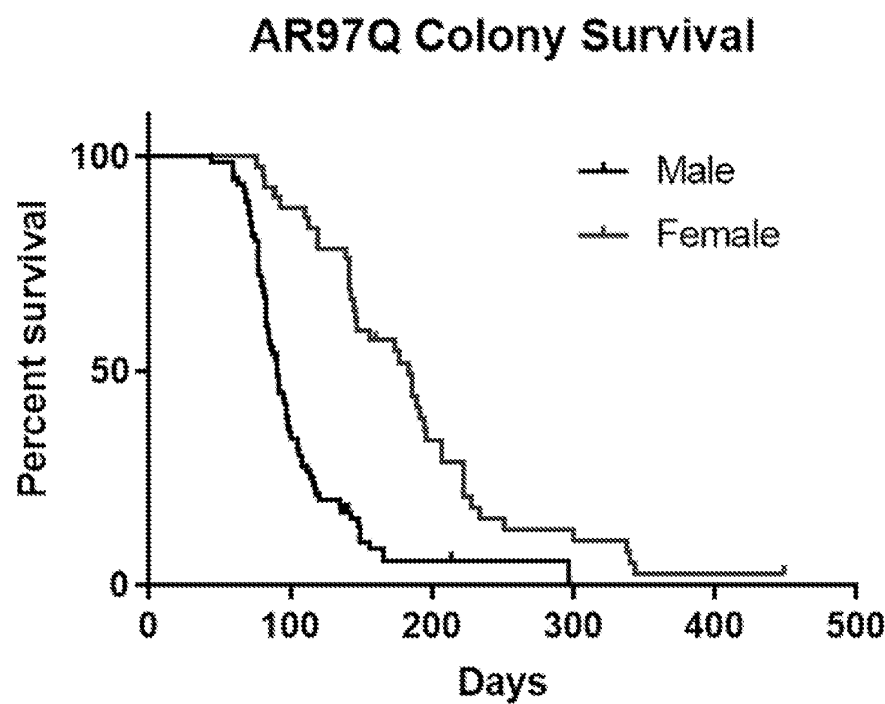


FIG. 9B



|                 |      |        |
|-----------------|------|--------|
|                 | Male | Female |
| Median survival | 91   | 184    |

N= 42 females  
N= 76 males

FIG. 10A

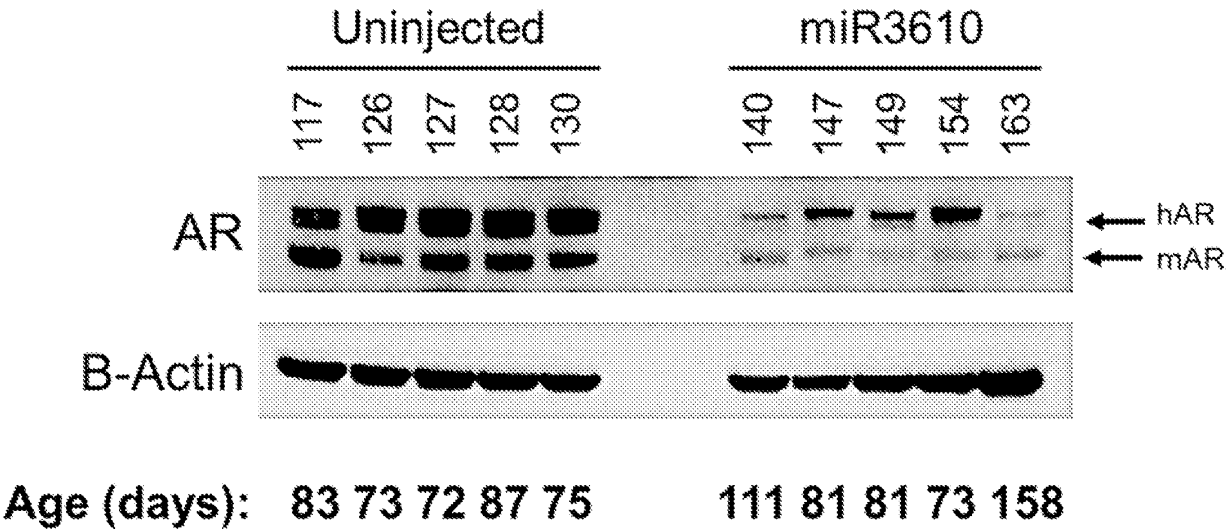


FIG. 10B

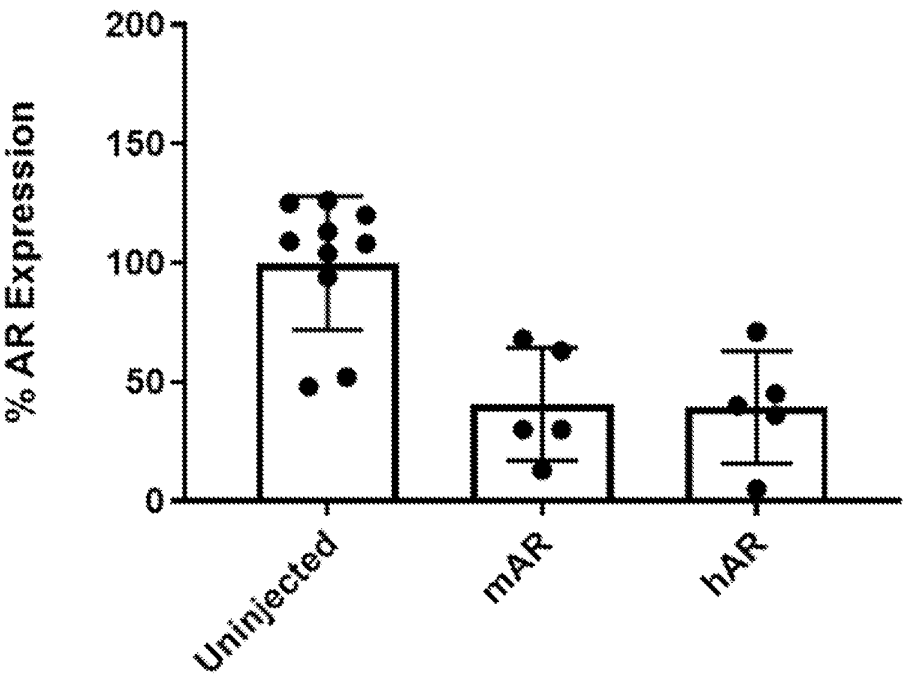
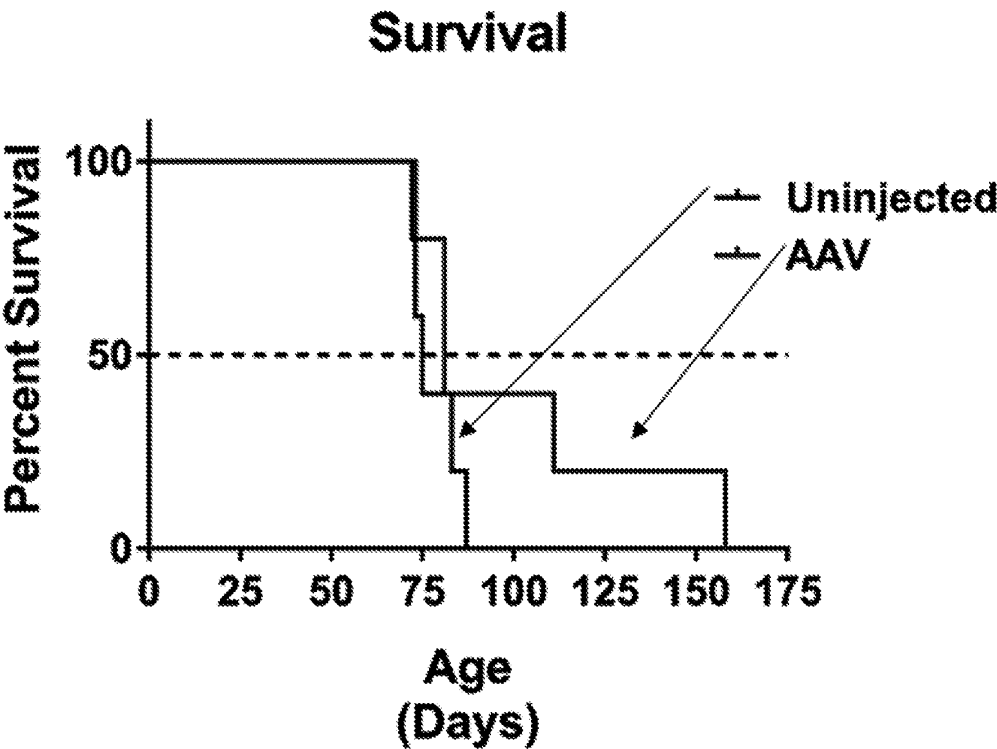


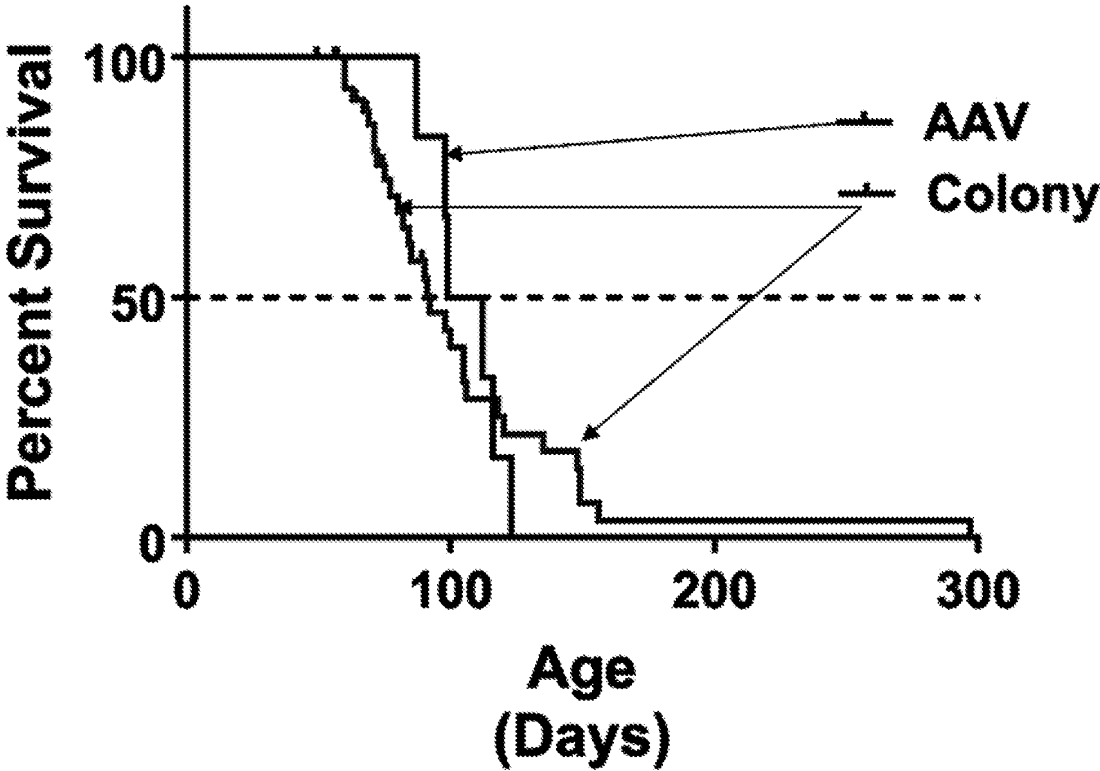
FIG. 10C



|                 |            |     |
|-----------------|------------|-----|
|                 | Uninjected | AAV |
| Median survival | 75         | 81  |

FIG. 11A

Survival



|                 |       |        |
|-----------------|-------|--------|
|                 | AAV   | Colony |
| Median survival | 105.5 | 92     |

FIG. 11B

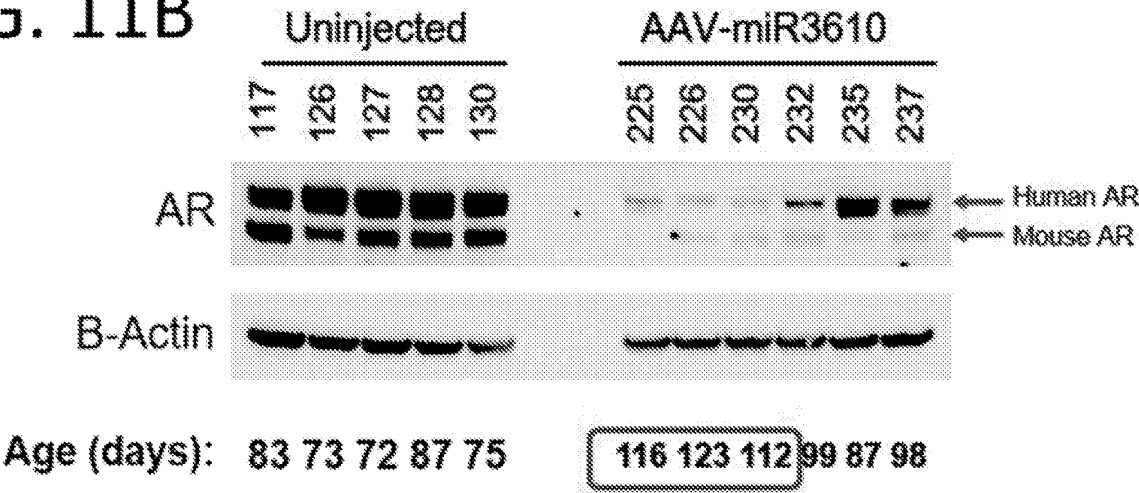


FIG. 11C

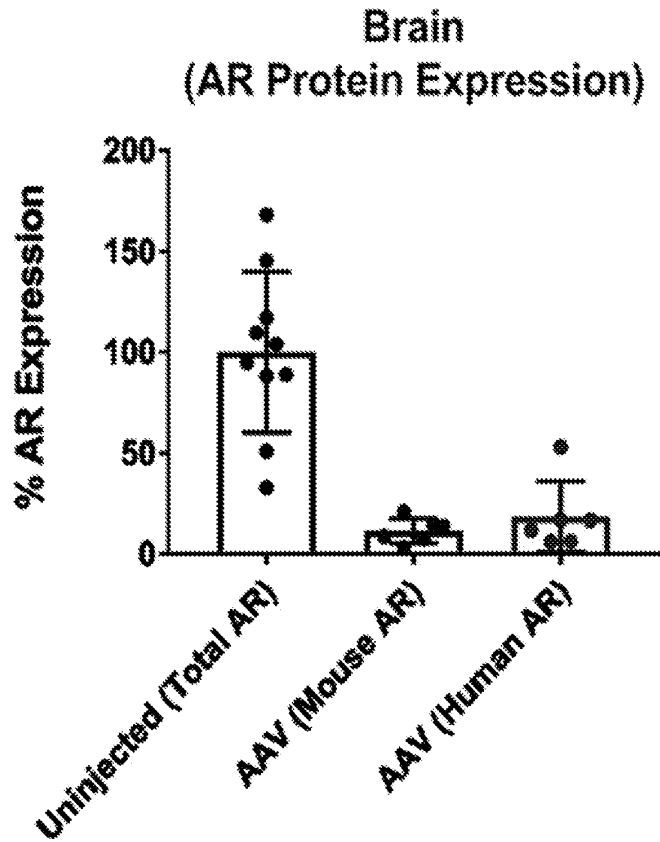


FIG. 12A

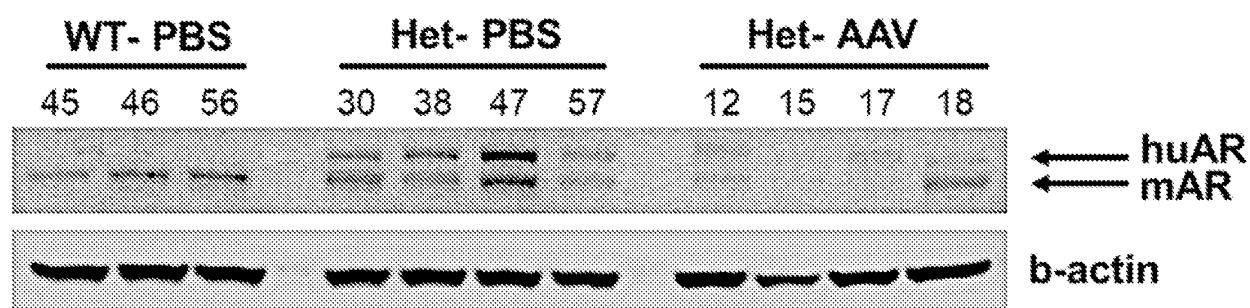
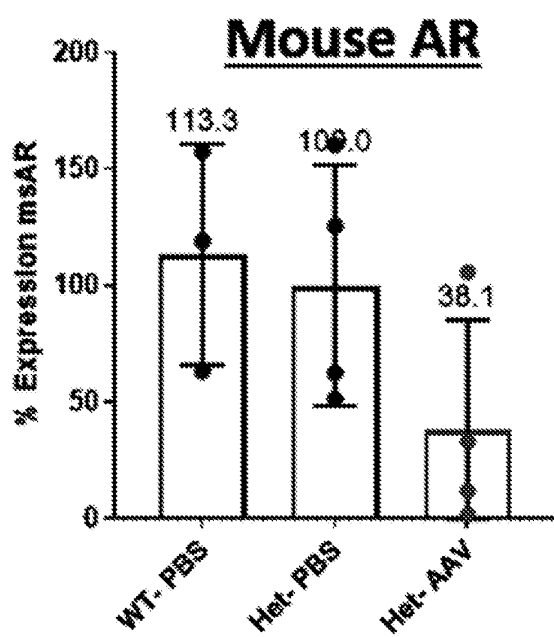
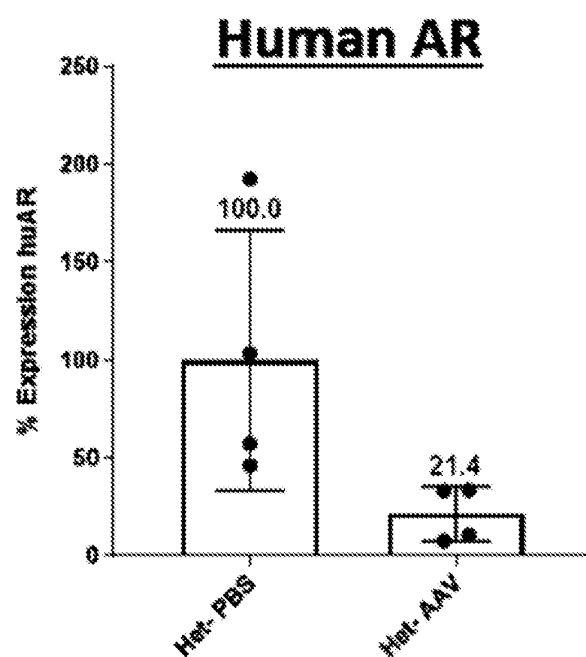


**FIG. 12B**      **Survival of W3171 Males**

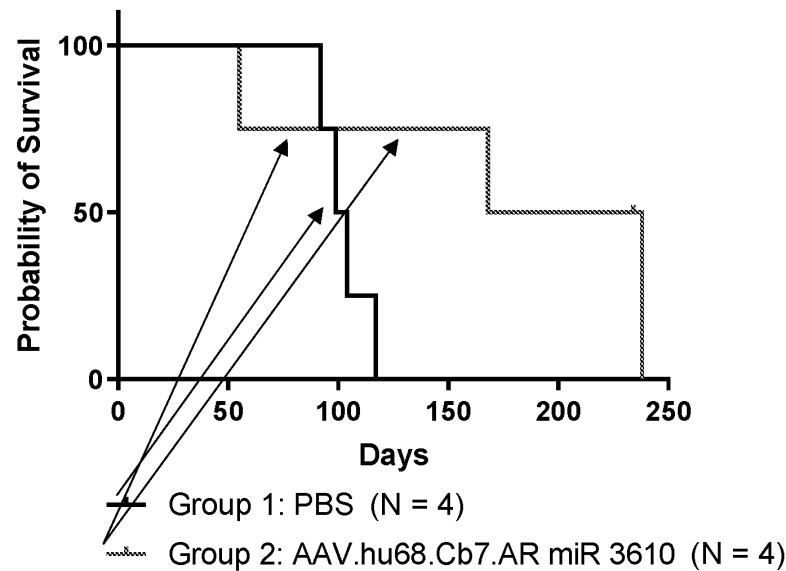


**FIG. 12C**      **Survival of W3171 Females**

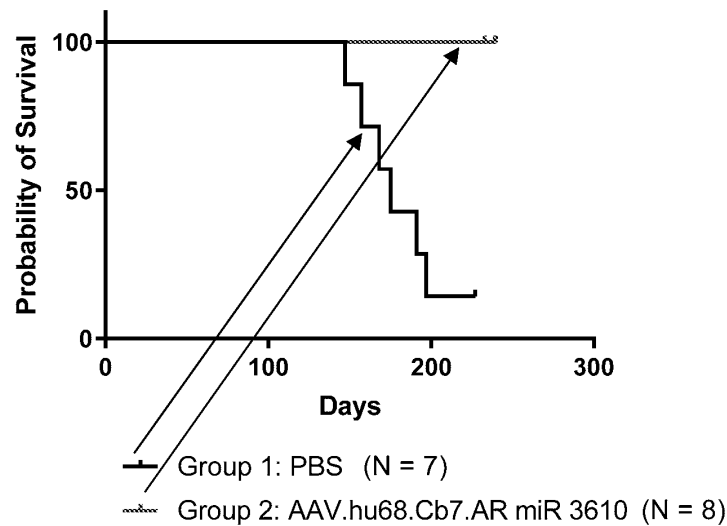


FIG. 12D

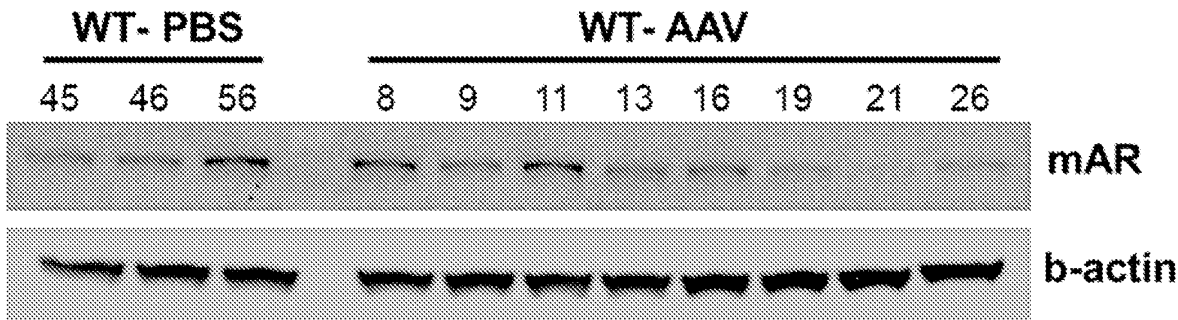
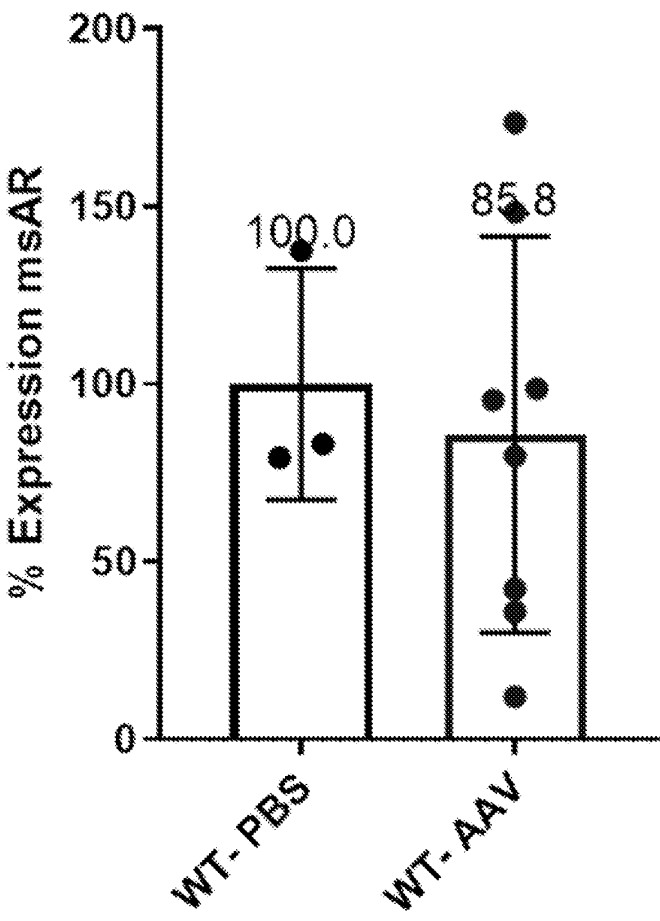


FIG. 12E

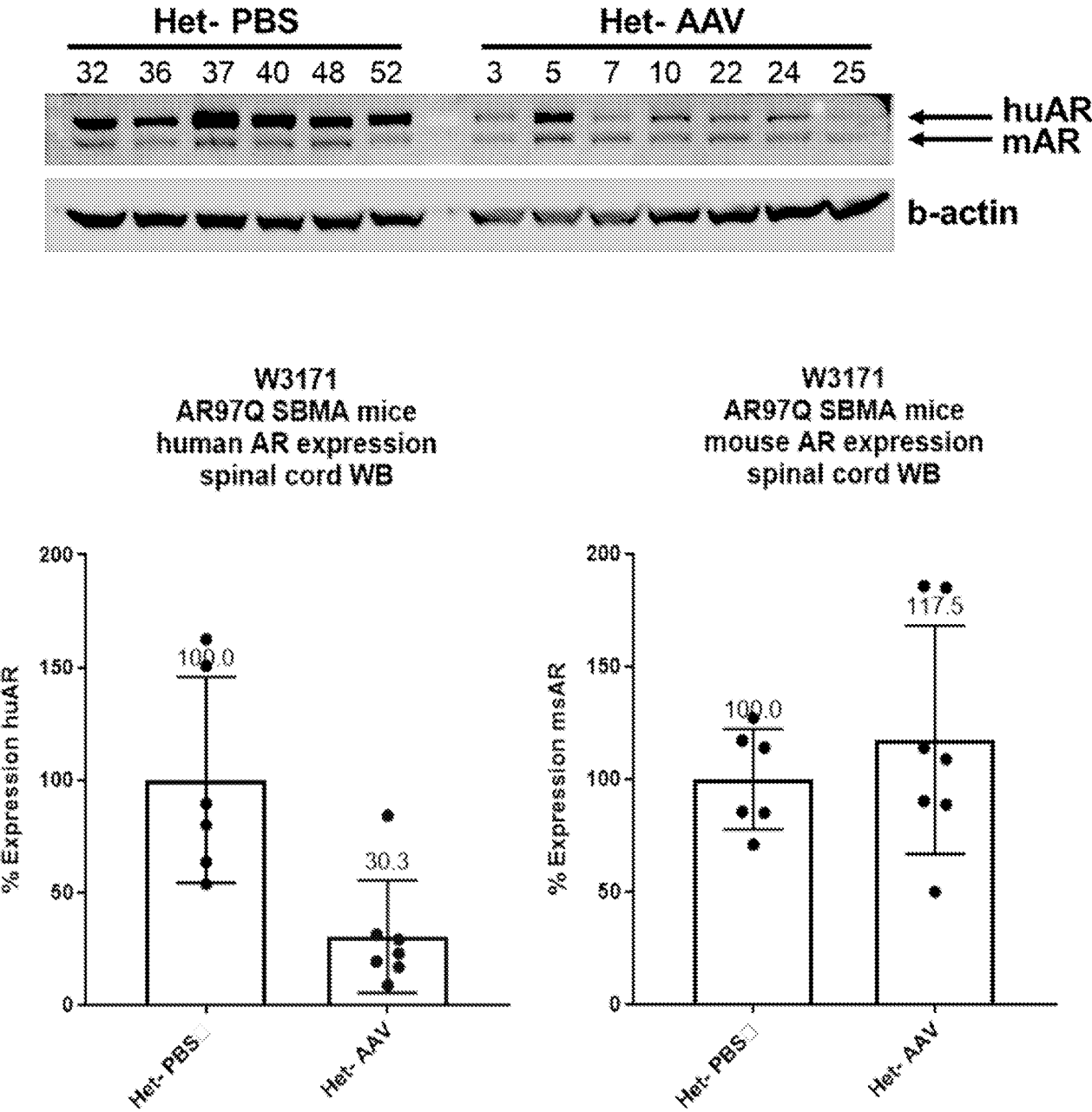


FIG. 12F

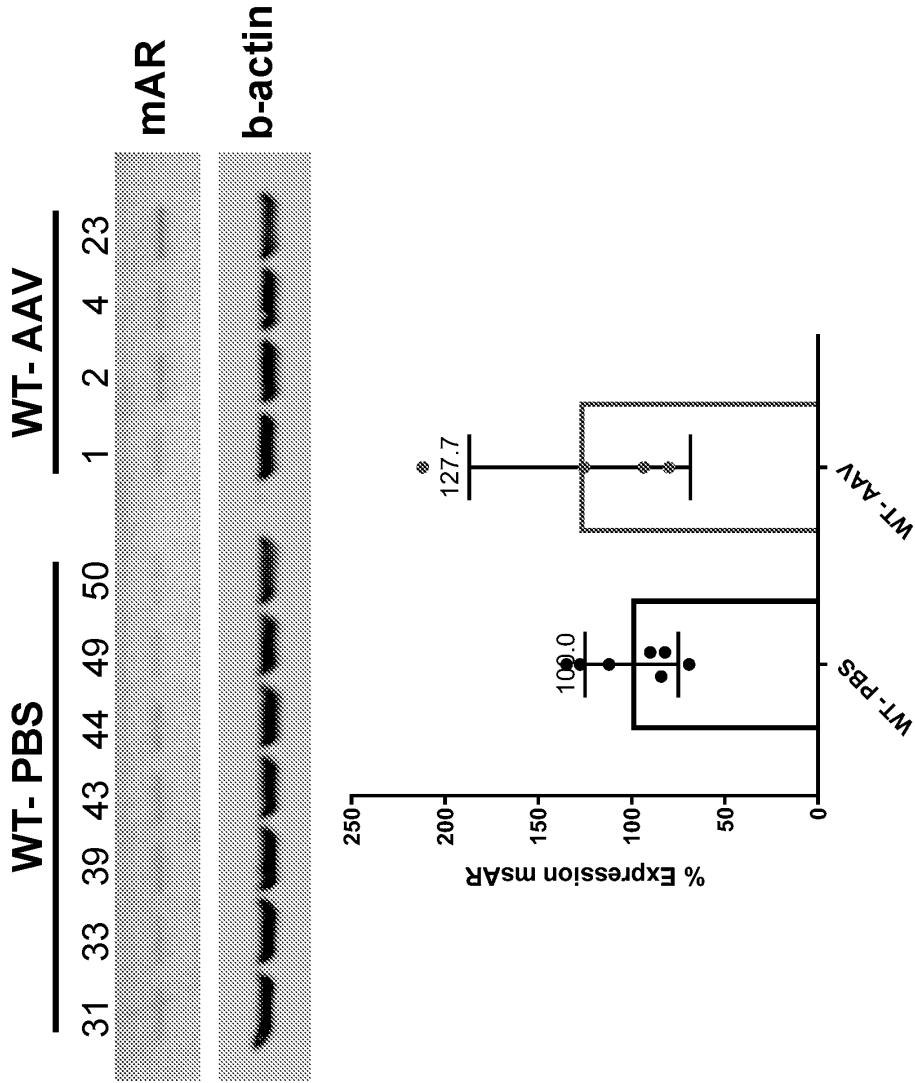


FIG. 12G

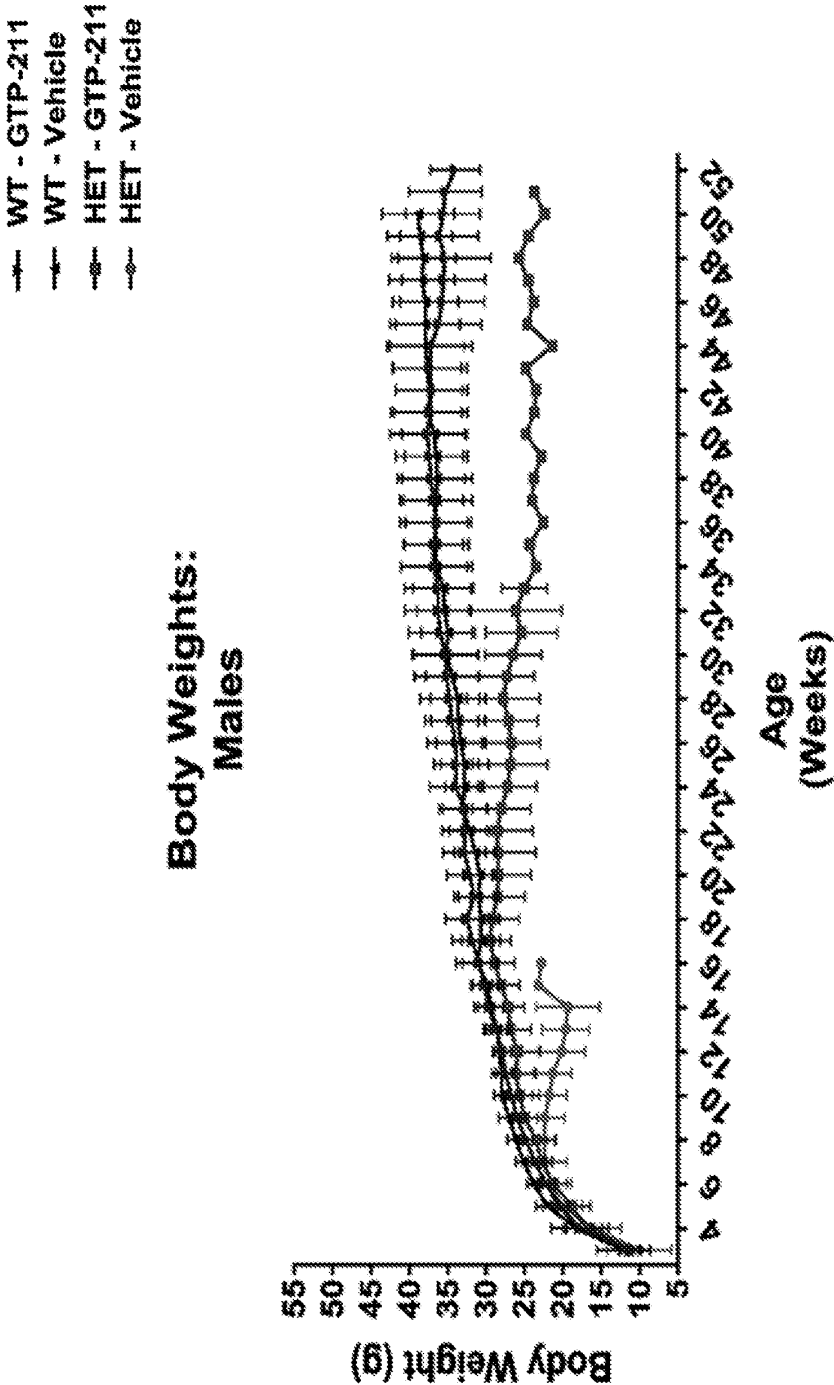


FIG. 12H

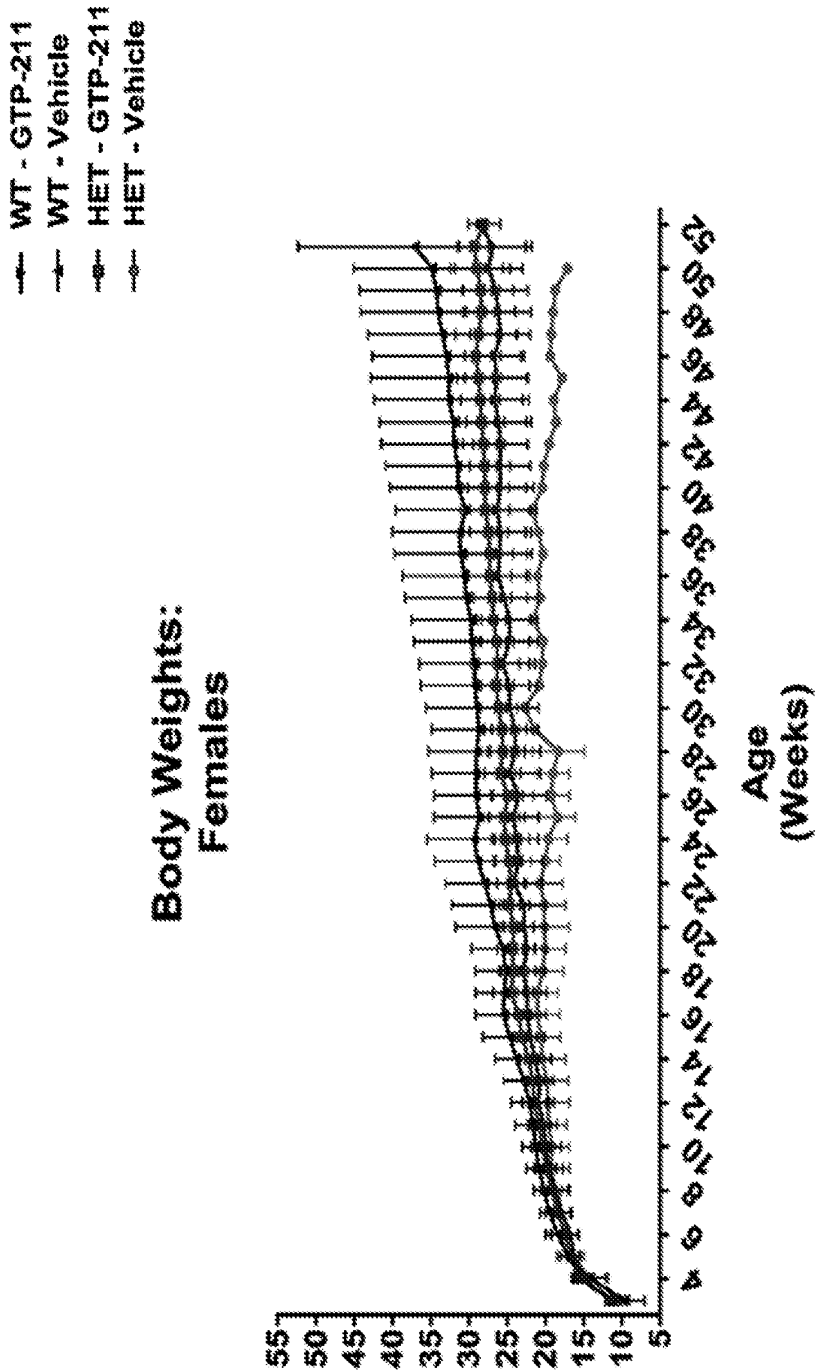


FIG. 12I

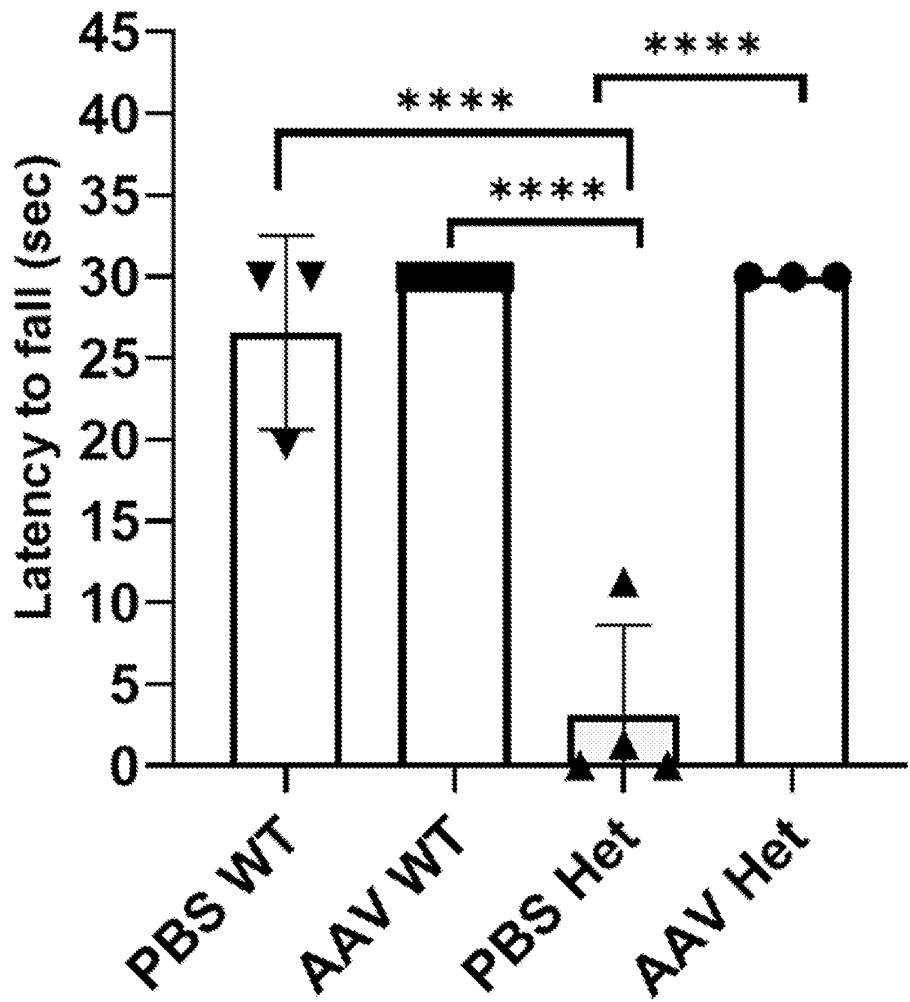


FIG. 13A

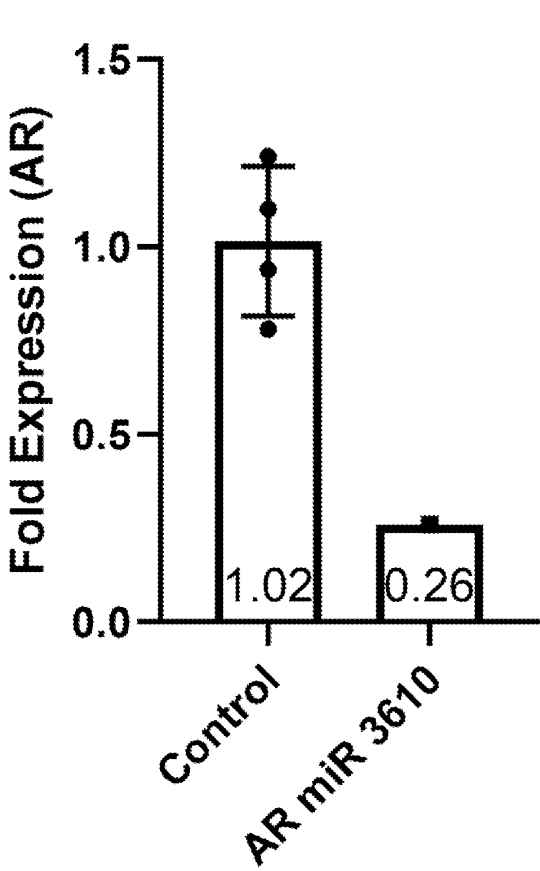


FIG. 13B

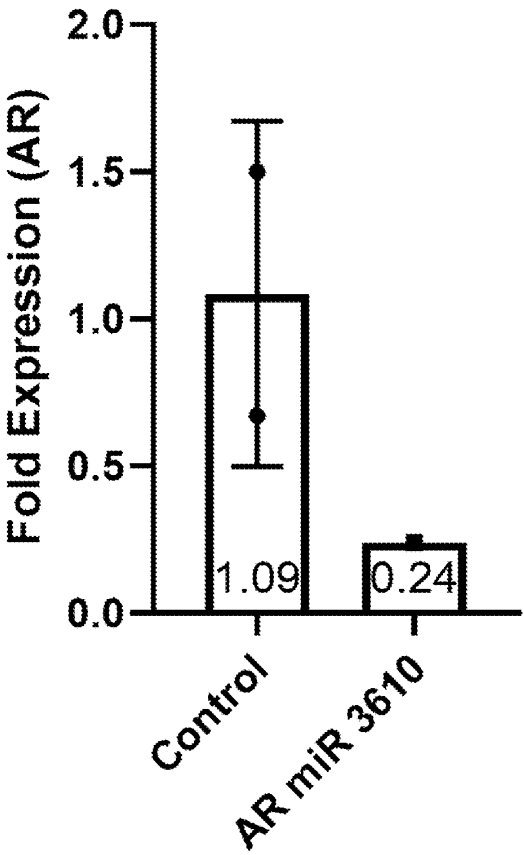


FIG. 13C

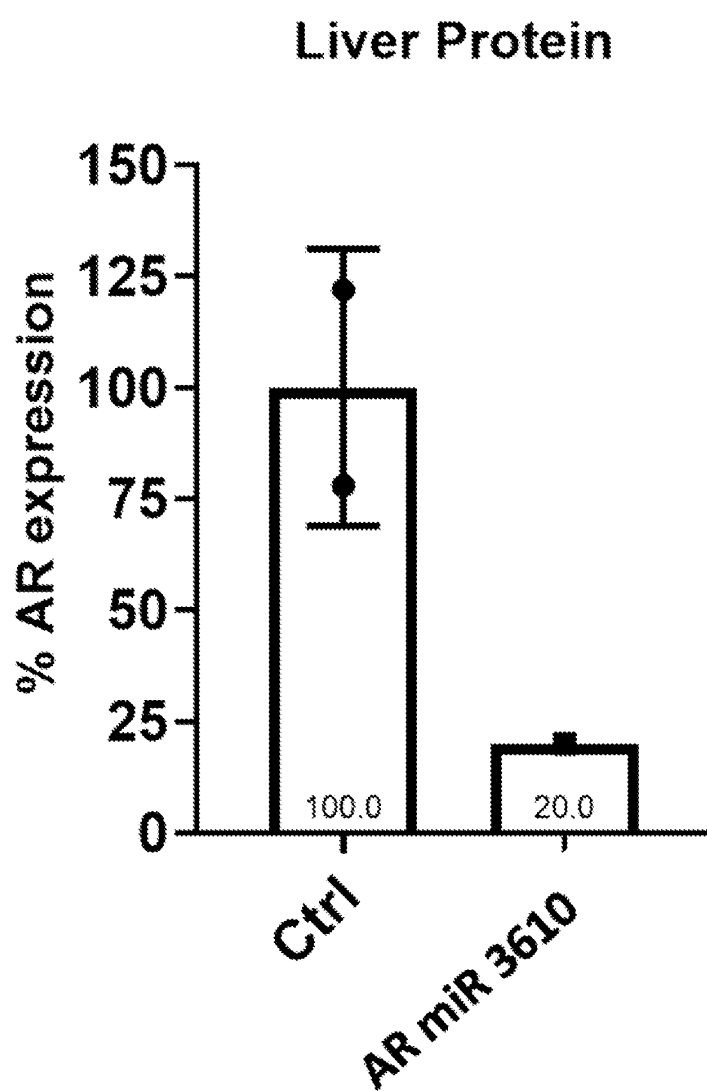


FIG. 14A

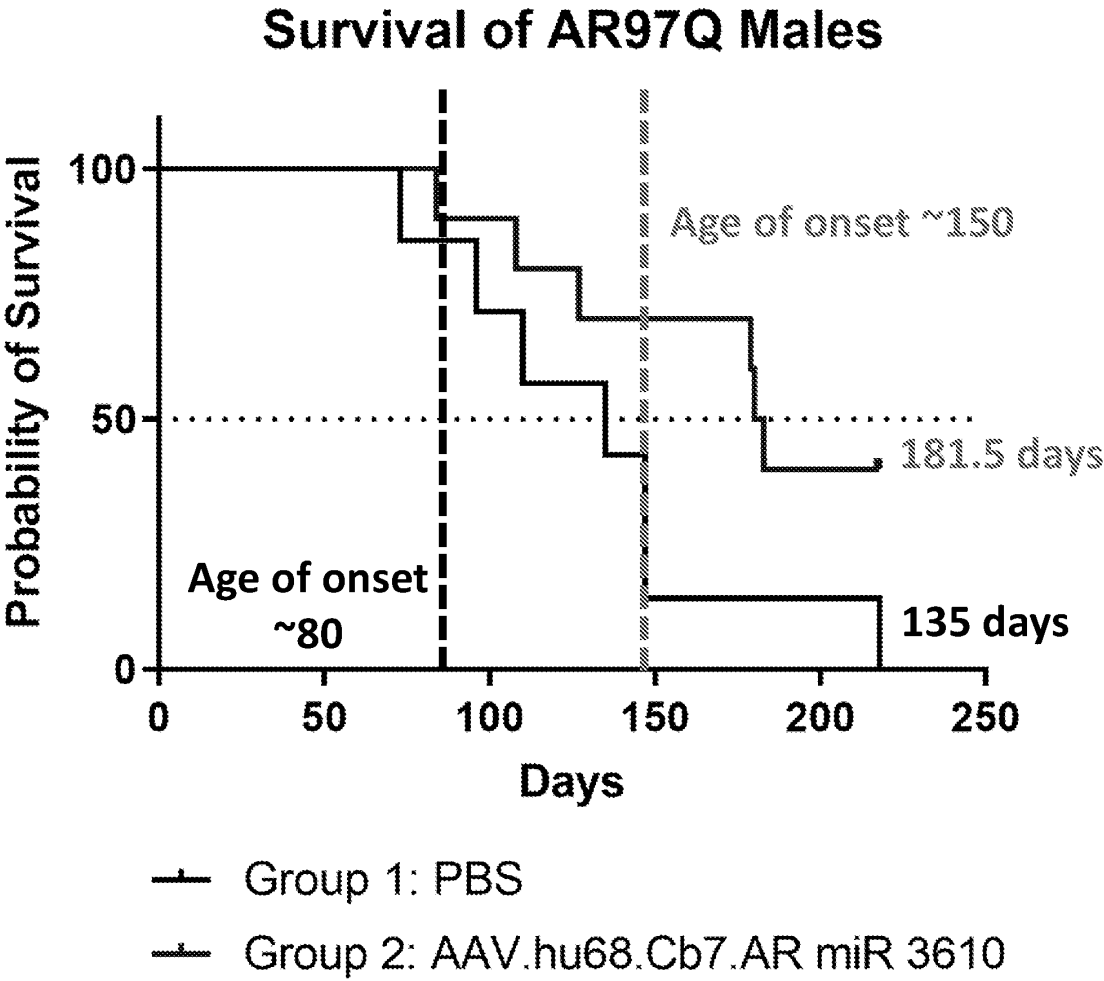
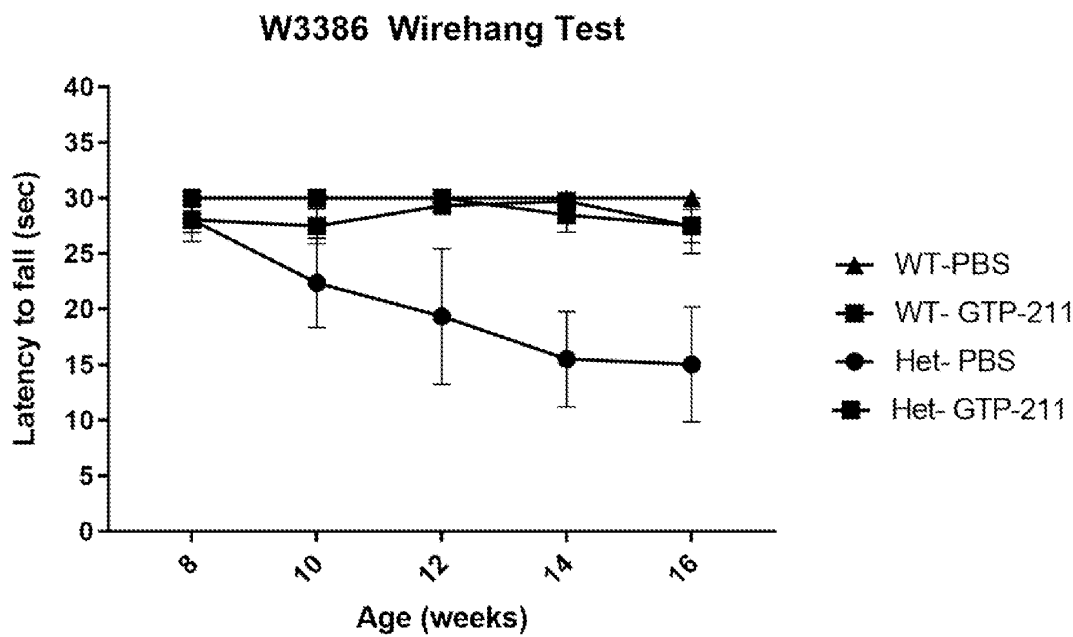


FIG. 14B



Data shown one-way ANOVA  
with SEM

FIG. 14C

Wire Hang 14 weeks

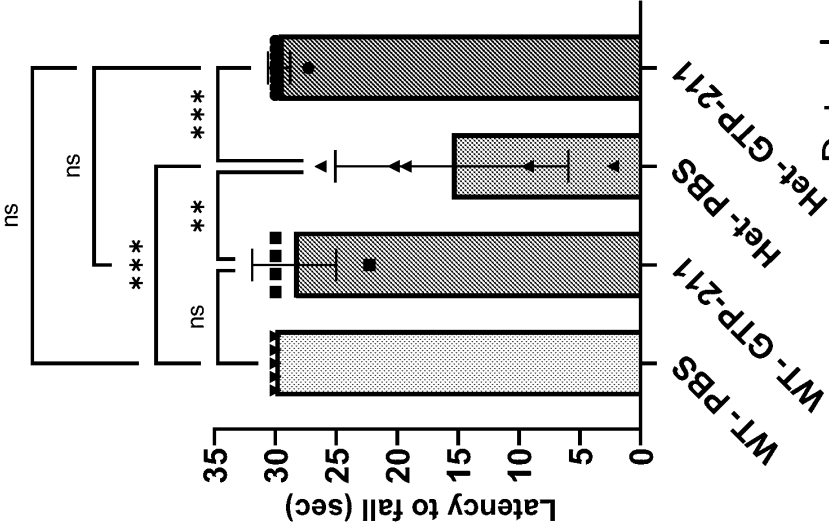
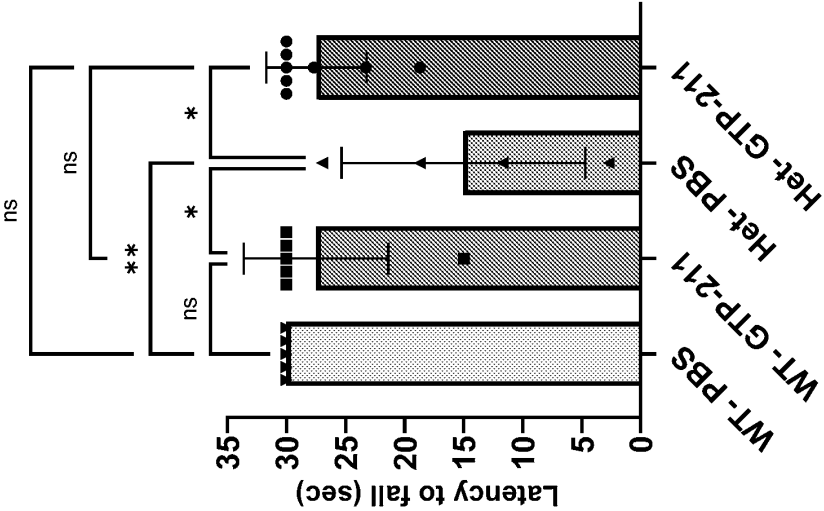


FIG. 14D

Wire Hang 16 weeks



Data shown one-way ANOVA with SD.  
\*\*\*p<0.0004, \*\*p<0.005, \*p<0.02