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ActRIIa ILGRSETQEC LFFNANWEKD RTNQTGVEPC YGDKDKRRHC FATWKNISGS
ActRIIb GRGEAETREC IYNNANWELE RTNQSGLERC EGEQDKRLHC YASWRNSSGT

IEIVKQGOWL DDINCYDRTD CVEKKDSPEV YFCCCEGNMC NEKFSYFPEN
IELVKKGOWL DDFNCDRQE CVATEENPQV YFCCCEGNFC NERFTHLPEA

EVTQPTSNPV TPKPP (SEQ ID NO: 2)
GGPEVTYEPP PTAPT (SEQ ID NO: 31)

FIG.1



FIG.2

FIG. 3

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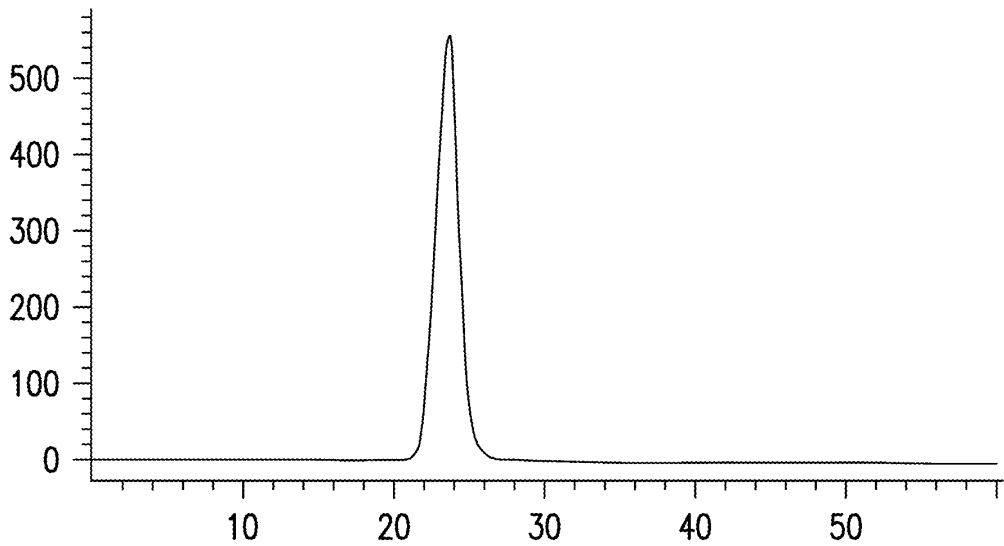


FIG.4A

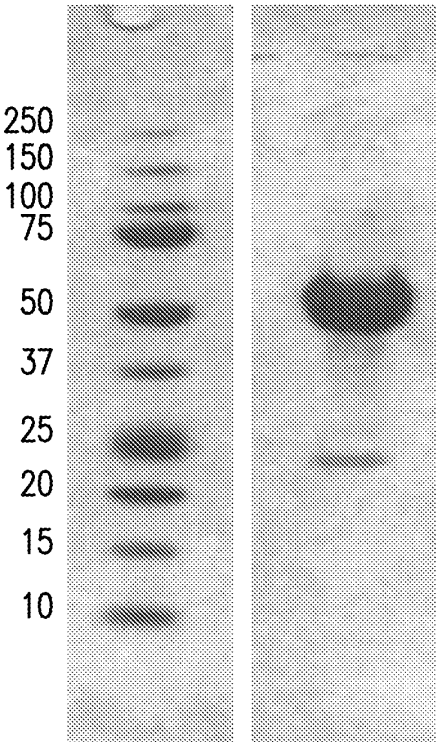


FIG.4B

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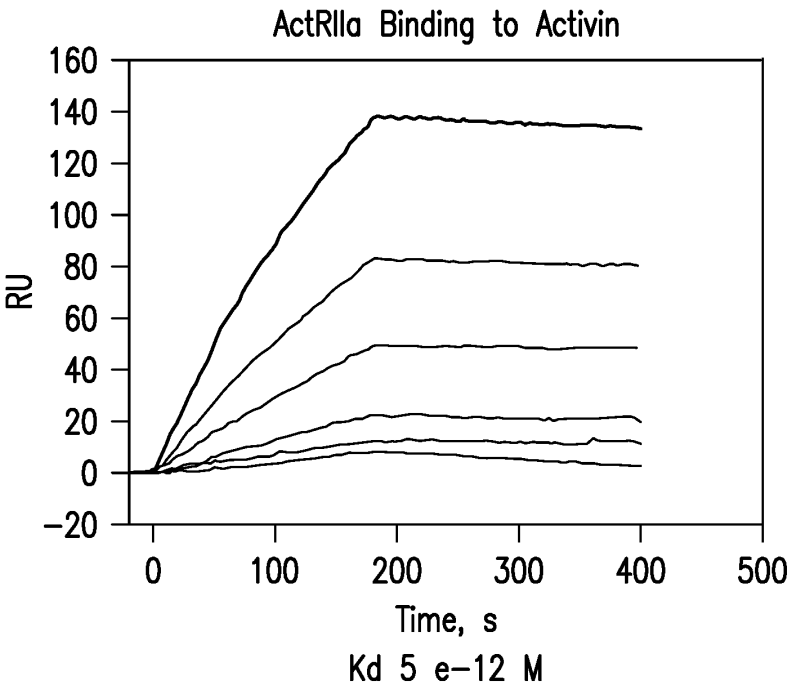


FIG.5A

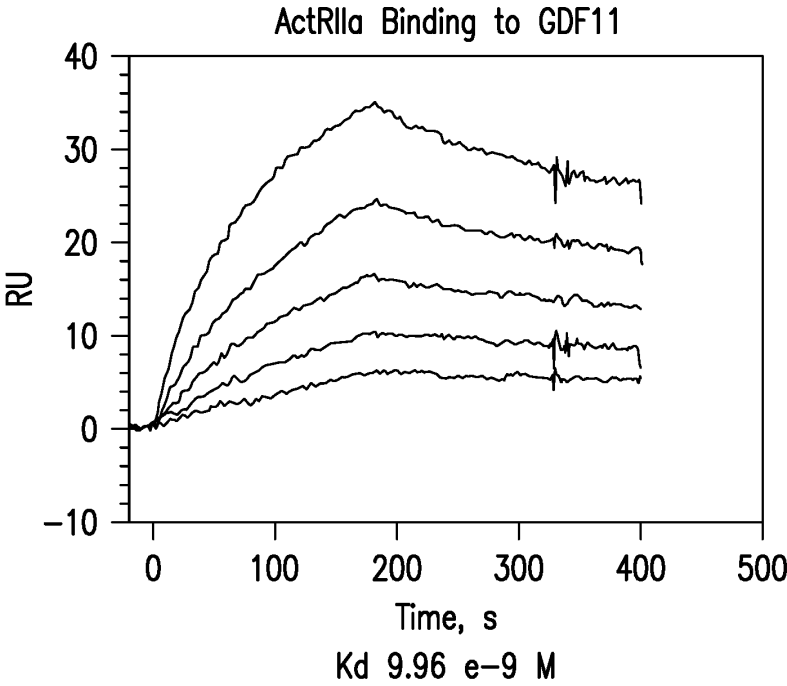


FIG.5B

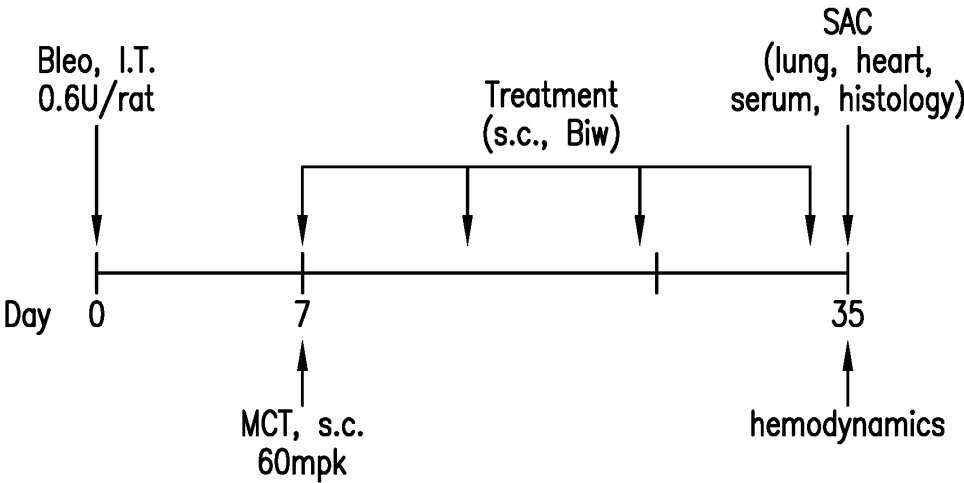


FIG.6A

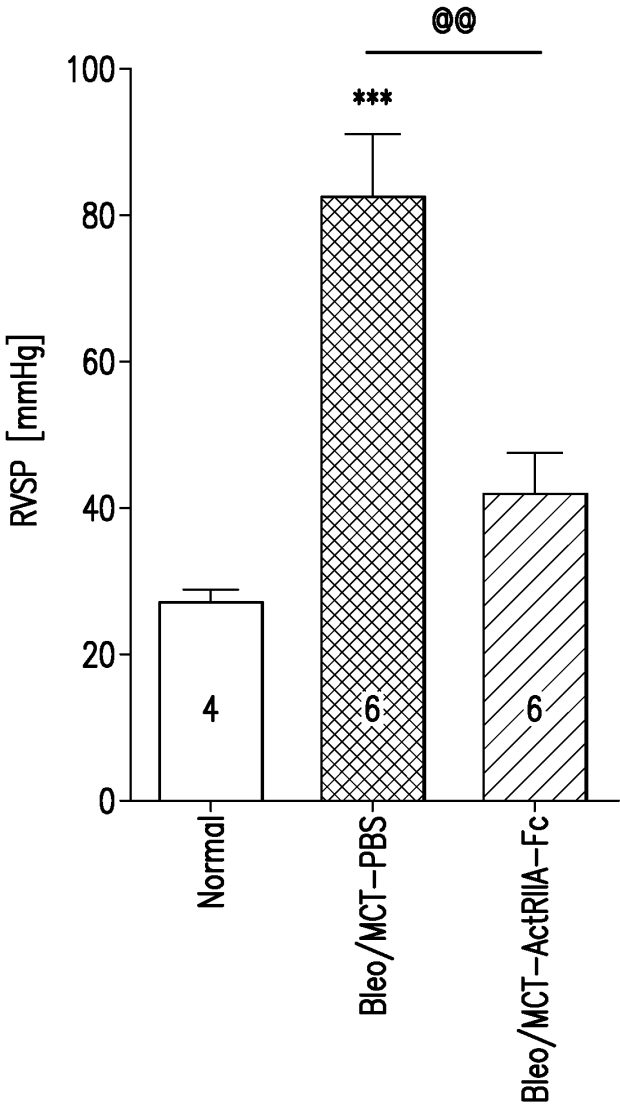


FIG.6B

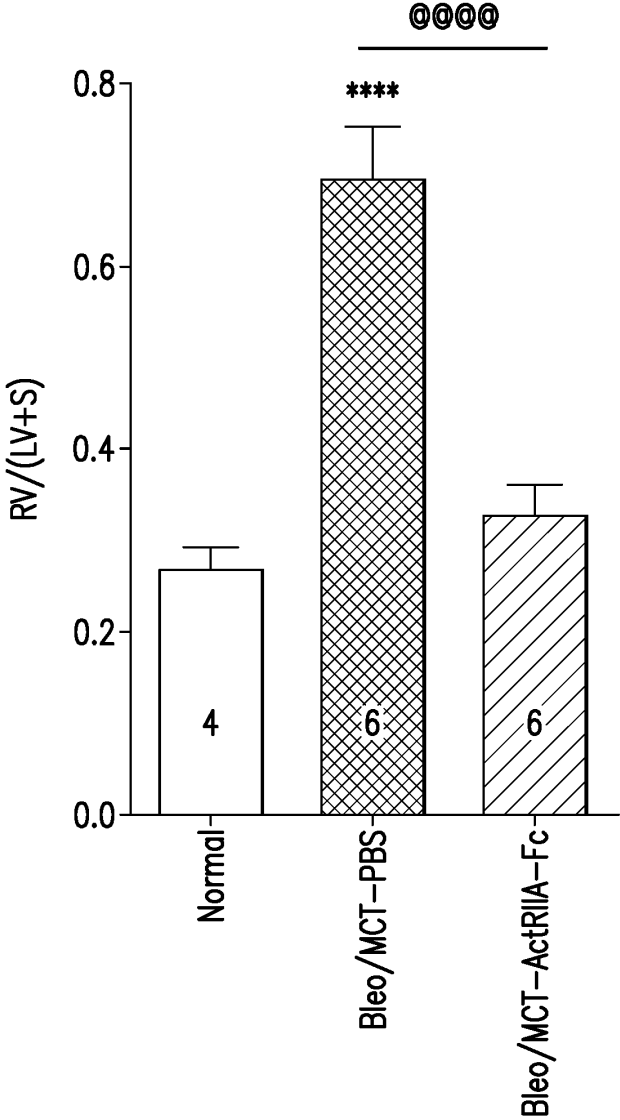


FIG.6C

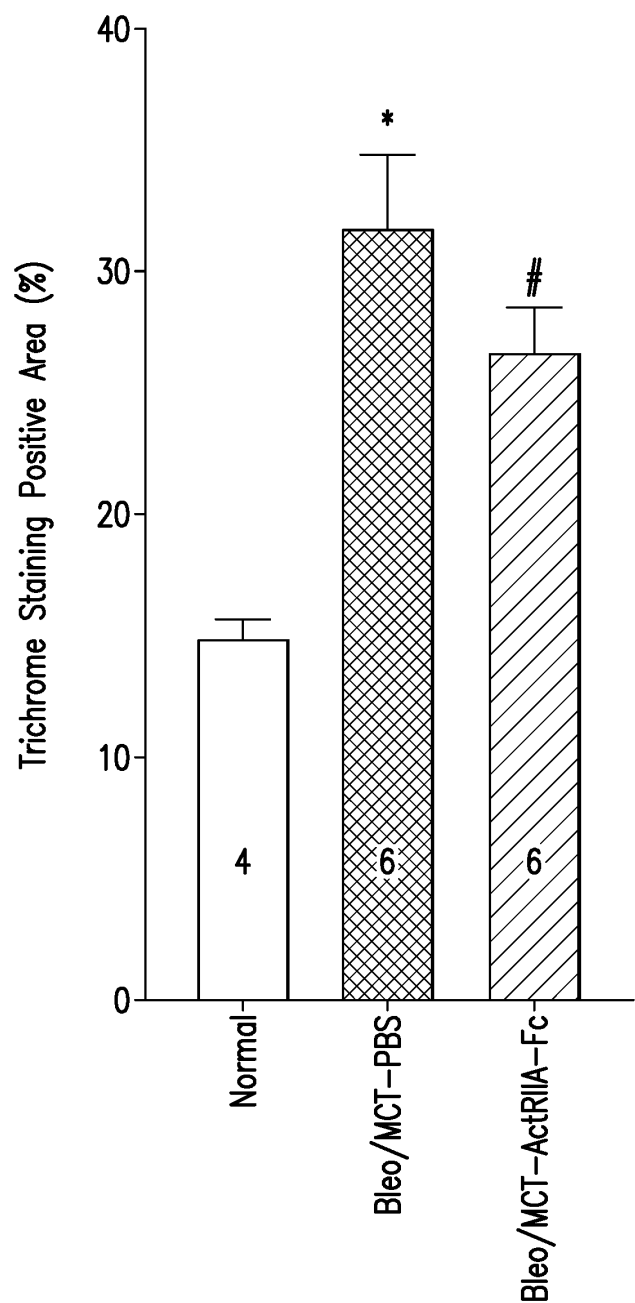


FIG.6D

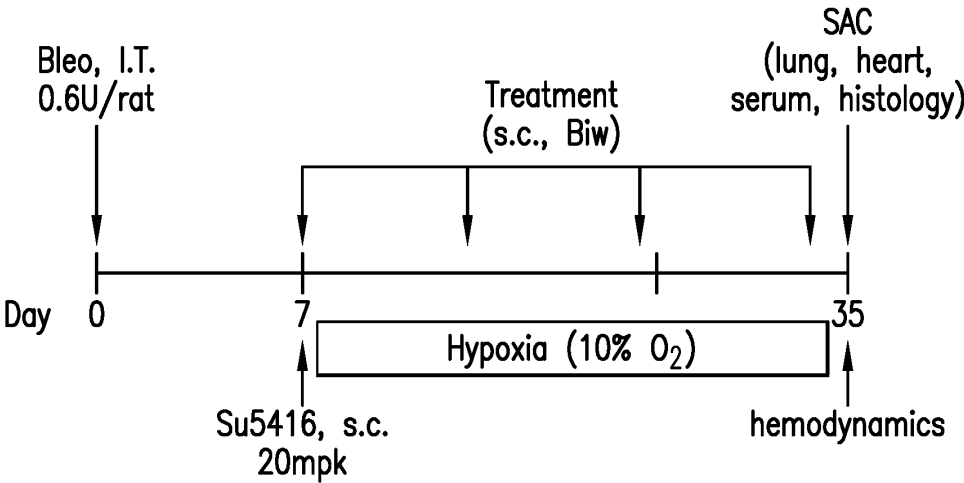


FIG.7A

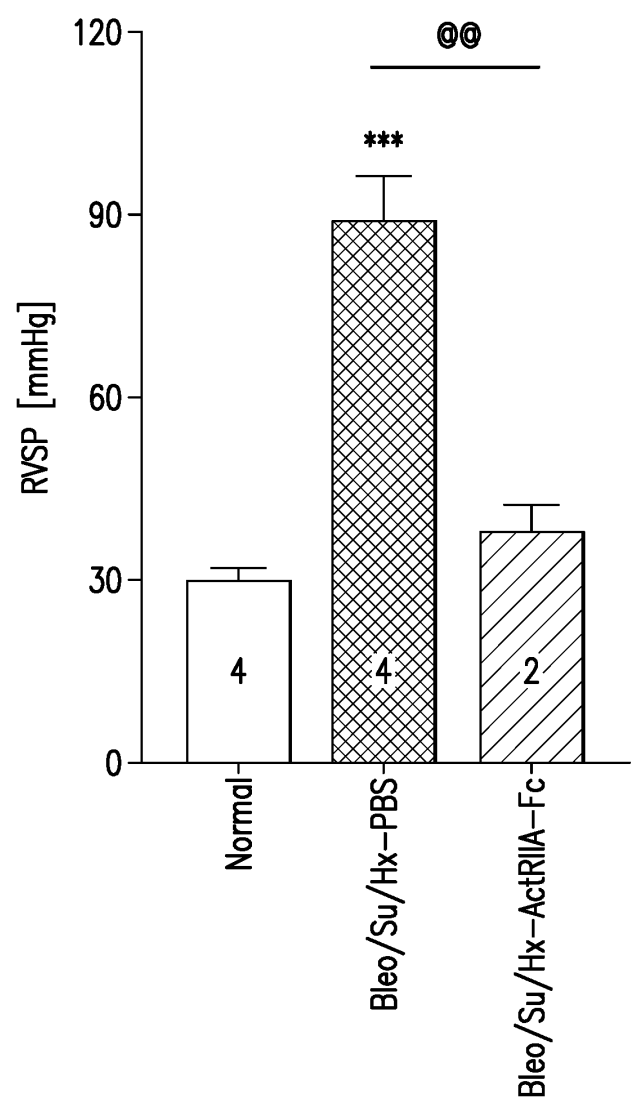


FIG. 7B

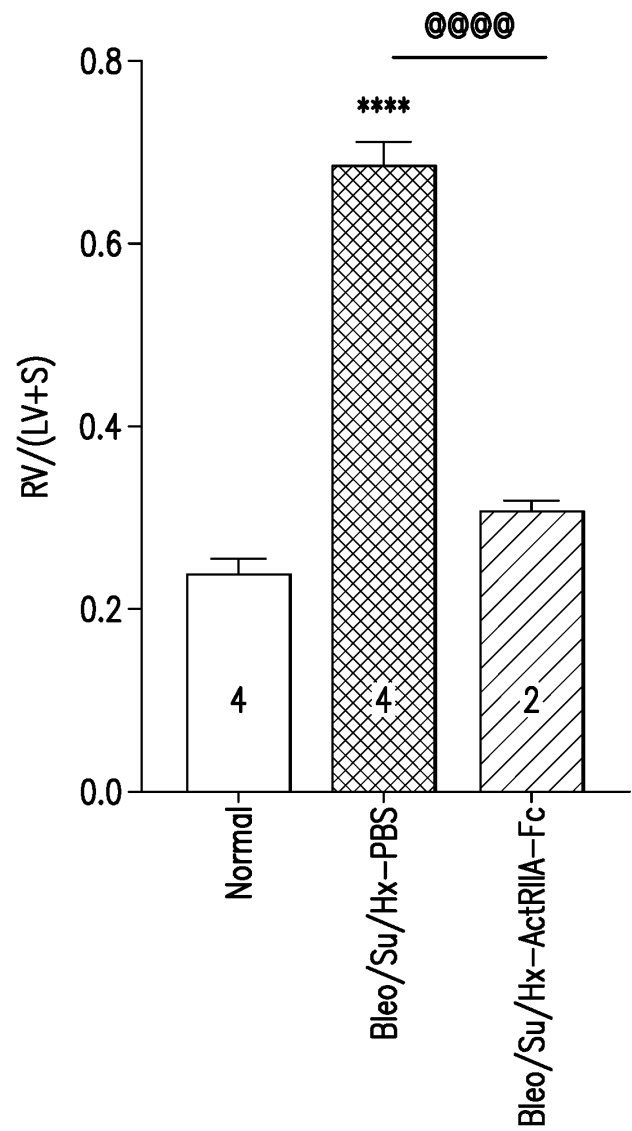


FIG. 7C

Therapeutic protocol in PH-COPD rats

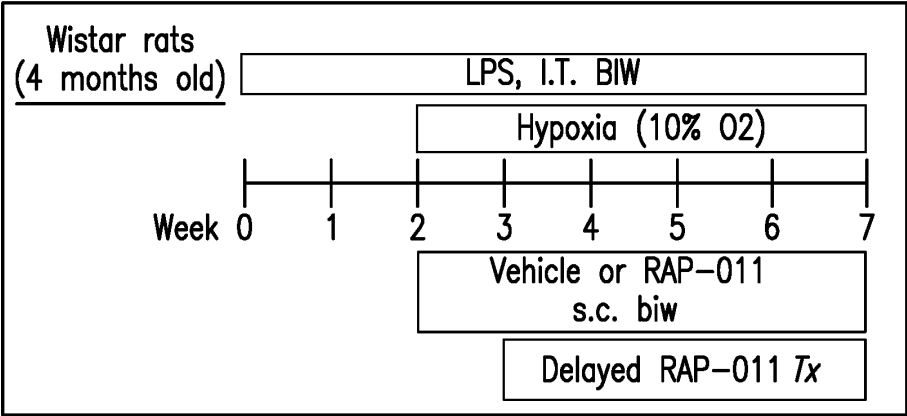


FIG.8A

- Nom
- LPS/Hx/PBS from wk2
- ⊗ LPS/Hx/RAP-011 from wk2
- LPS/Hx/RAP-011 from wk3

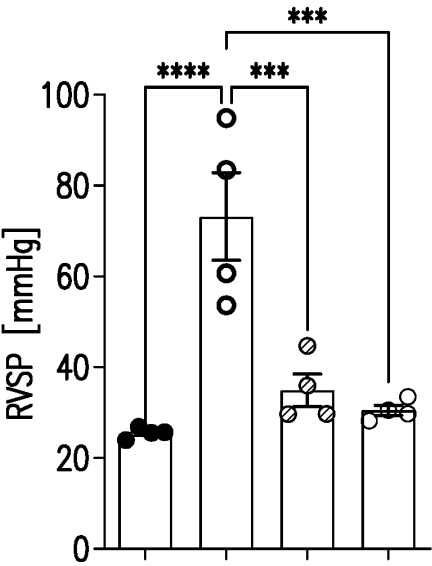


FIG.8B

- Nom
- LPS/Hx/PBS from wk2
- ⊗ LPS/Hx/RAP-011 from wk2
- LPS/Hx/RAP-011 from wk3

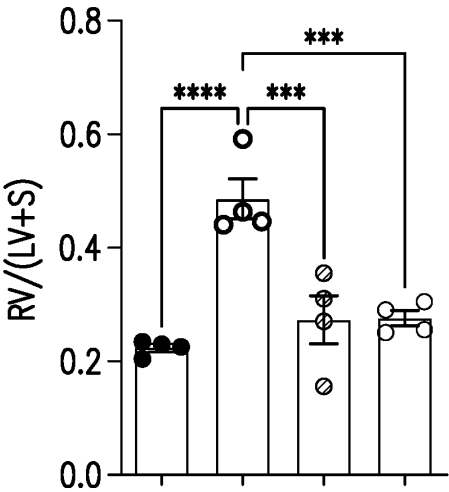


FIG.8C