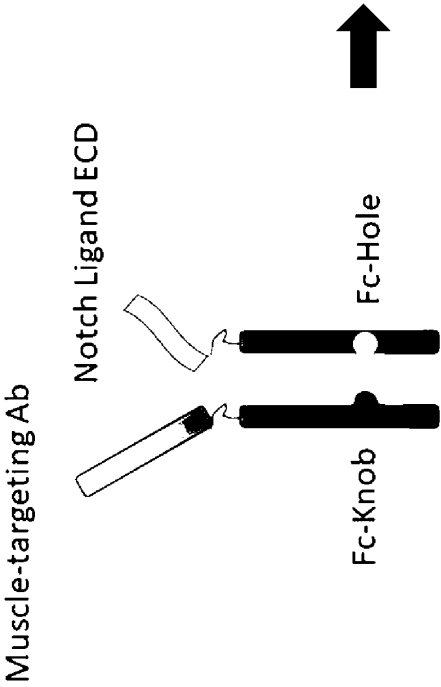


FIG. 1A



Knob into hole (KIH) or other Fc dimerization strategies such as charge pairing



FIG. 1B

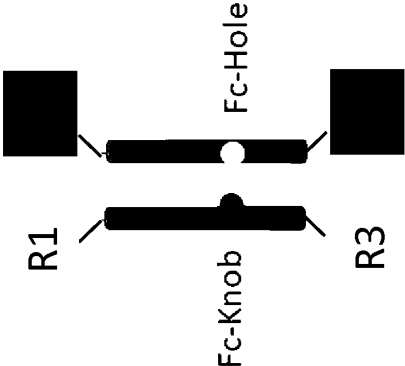
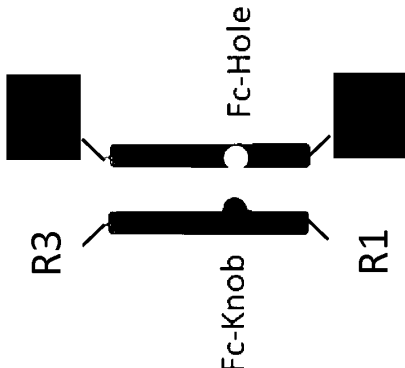


FIG. 1C



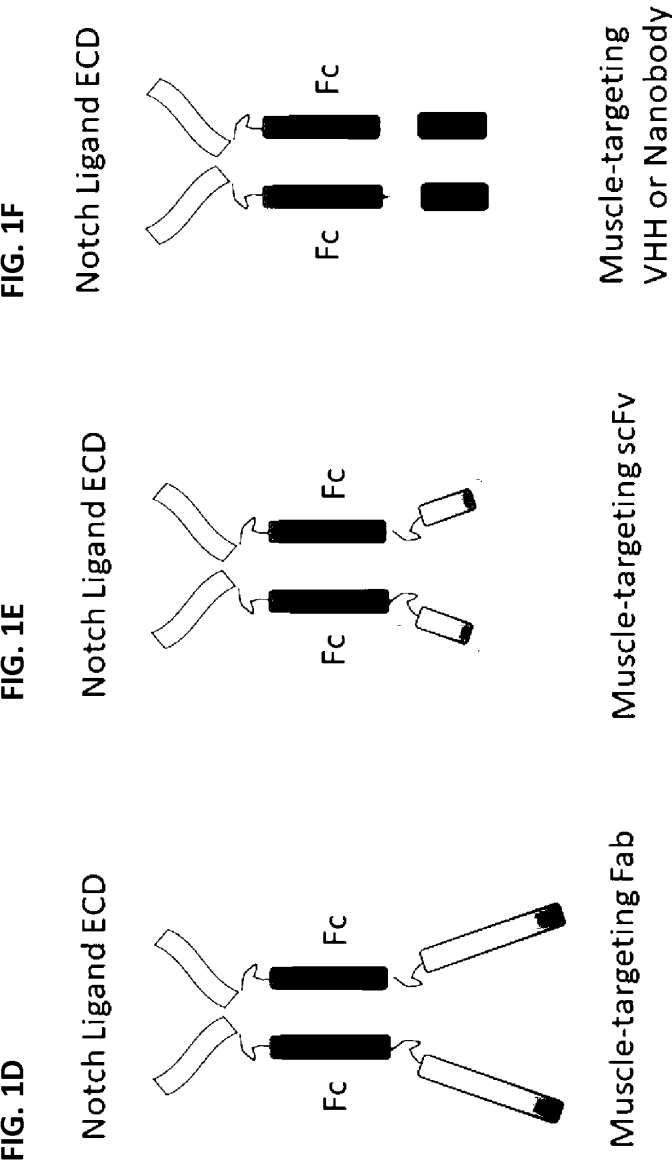


FIG. 1I

Muscle-targeting
VHH/Nanobody

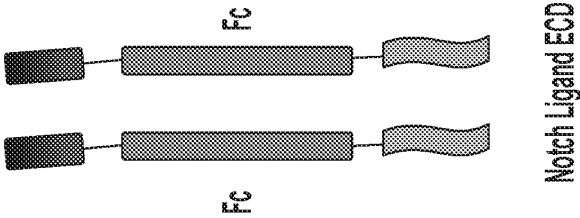


FIG. 1H

Muscle-targeting scFv

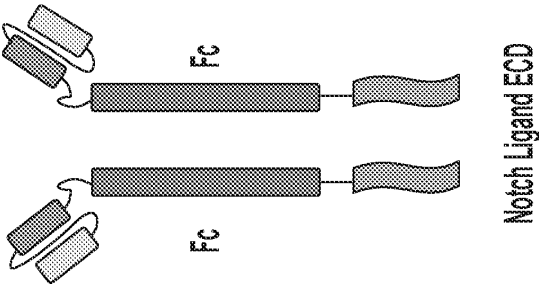
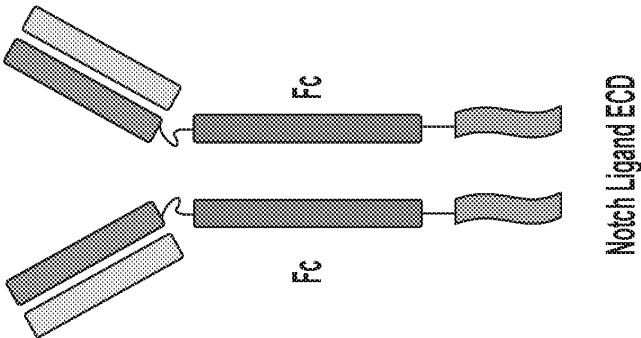
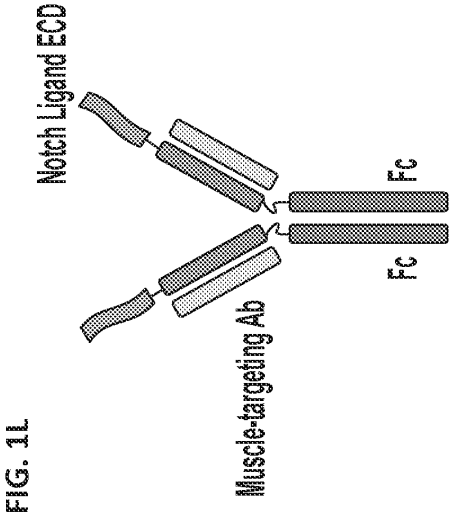
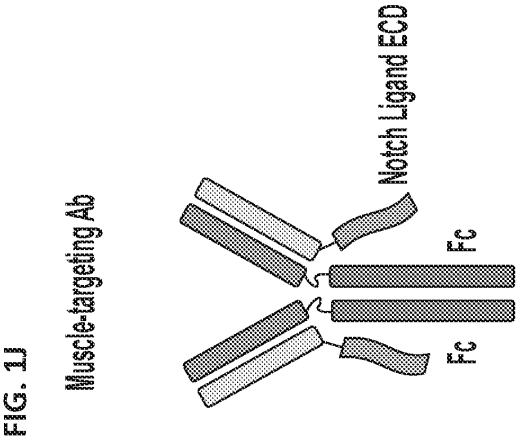
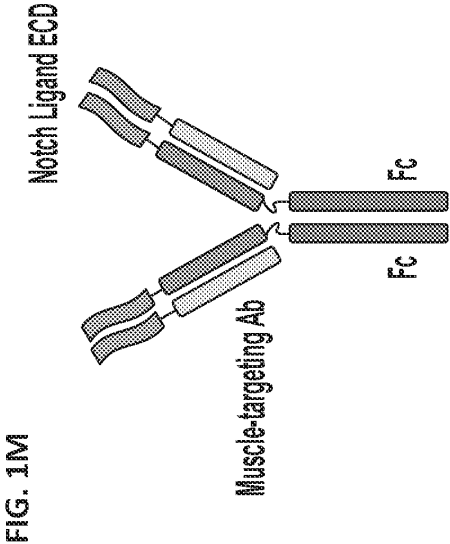
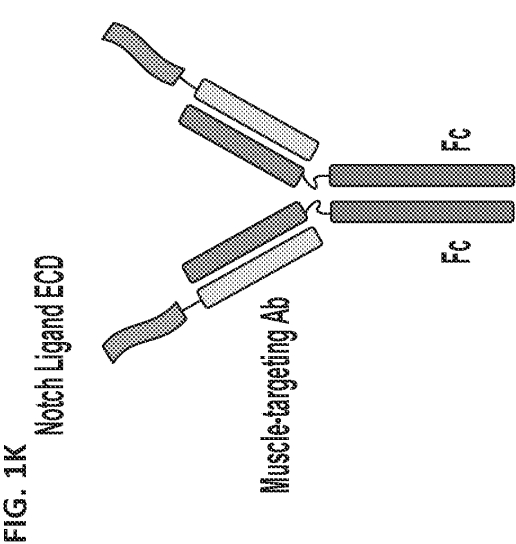
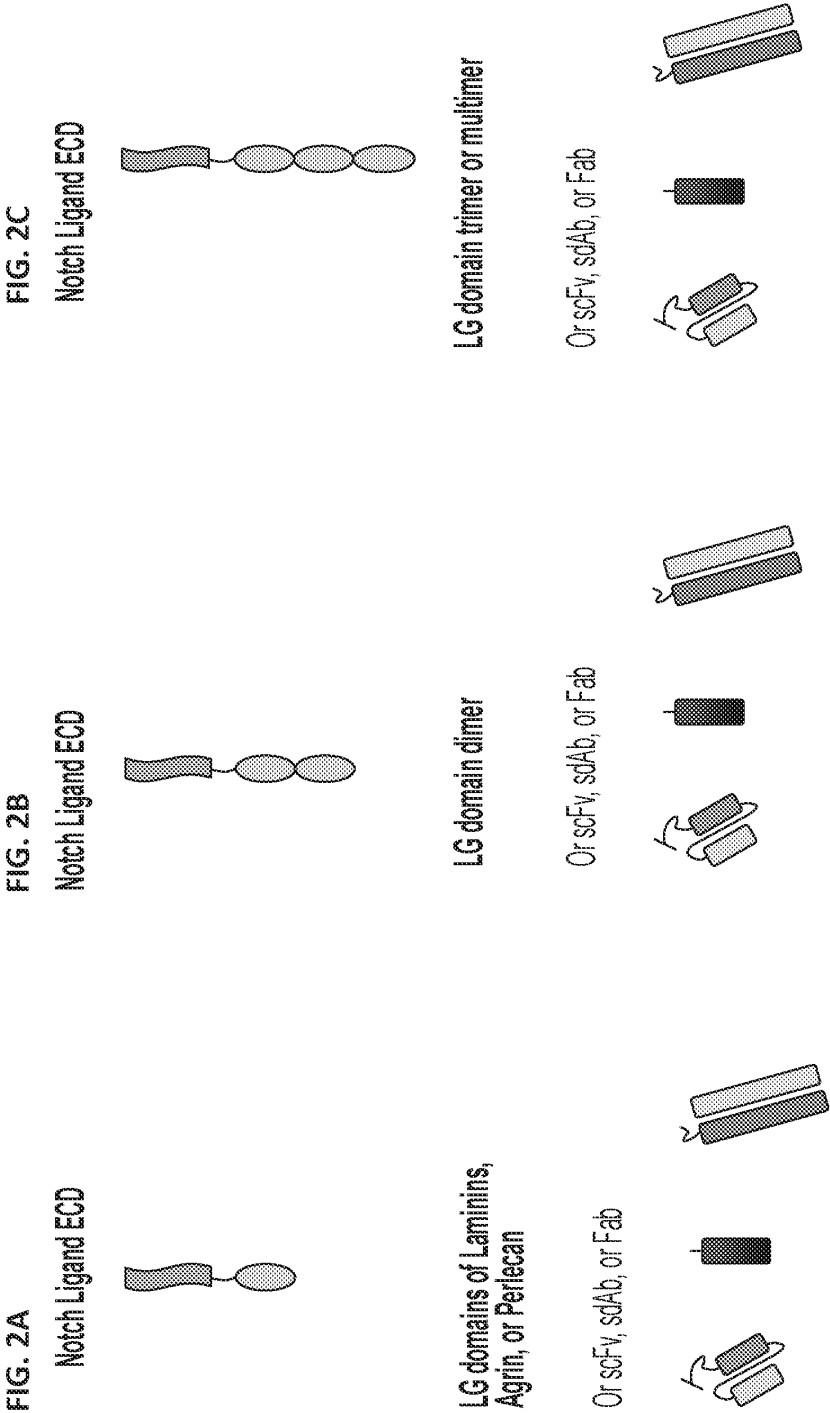


FIG. 1G

Muscle-targeting Ab







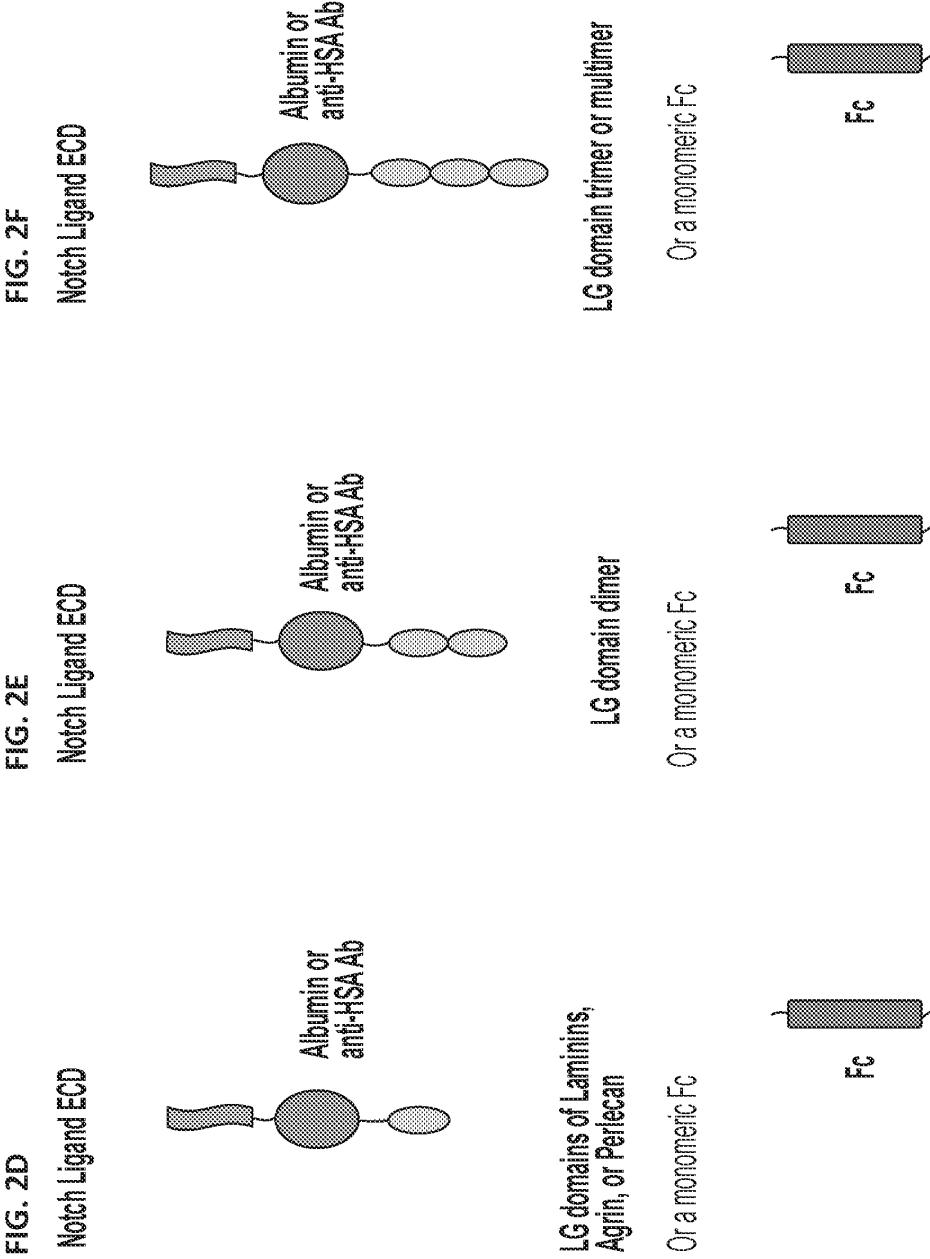


FIG. 2J

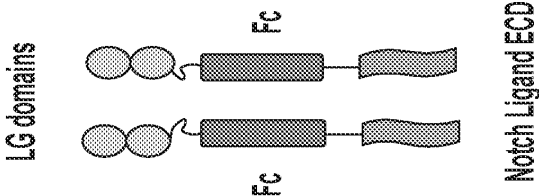


FIG. 2I

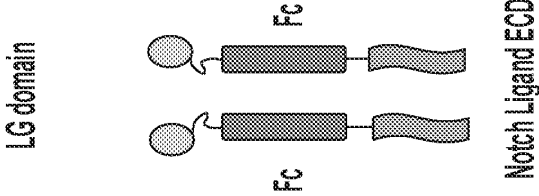


FIG. 2H

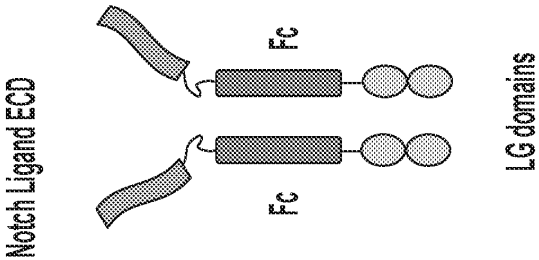
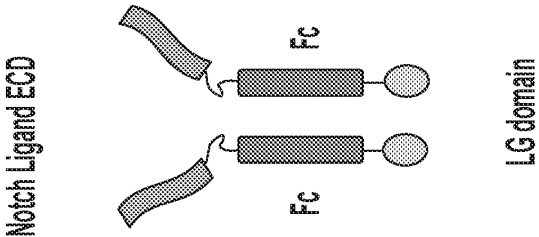
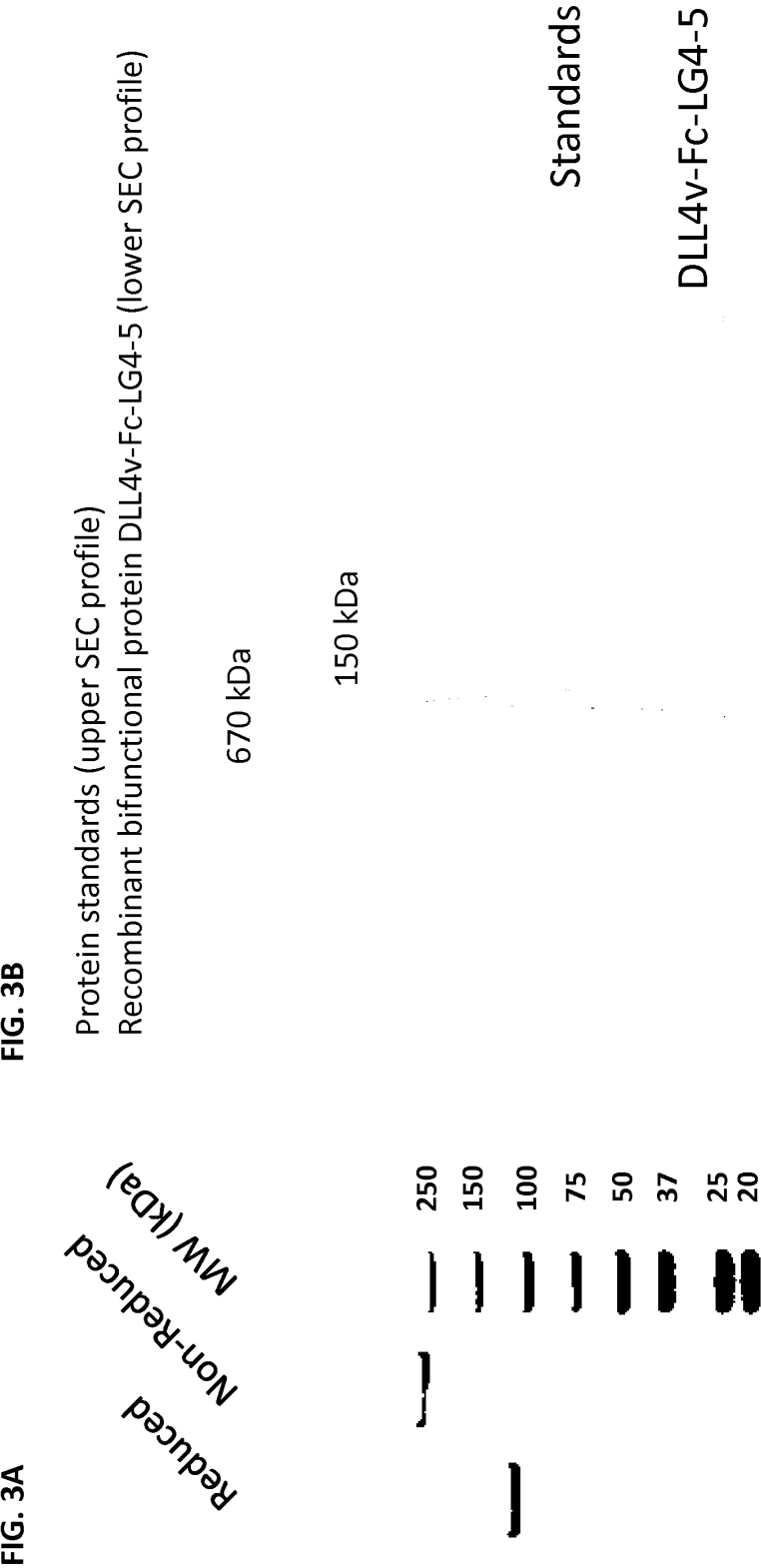


FIG. 2G





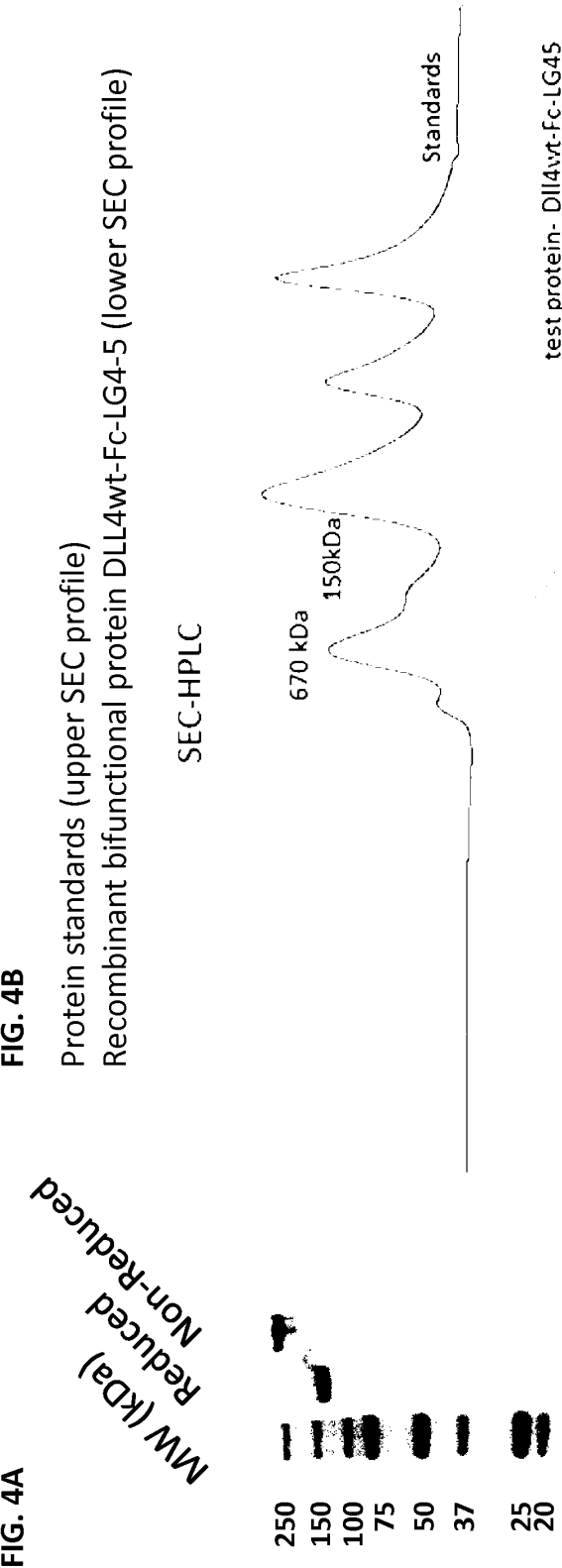


FIG. 5A

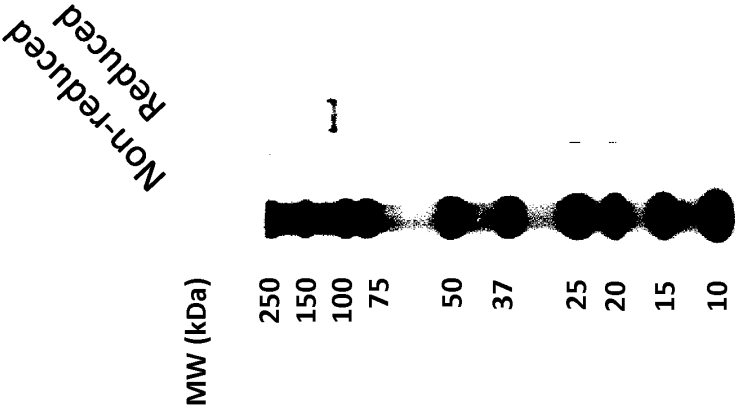


FIG. 5B

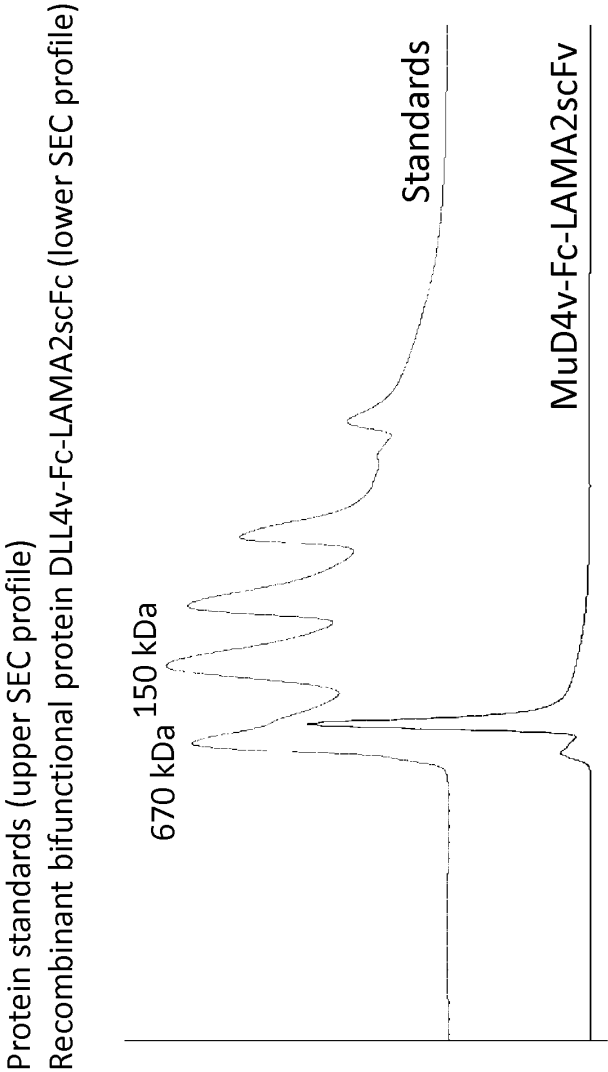


FIG. 6

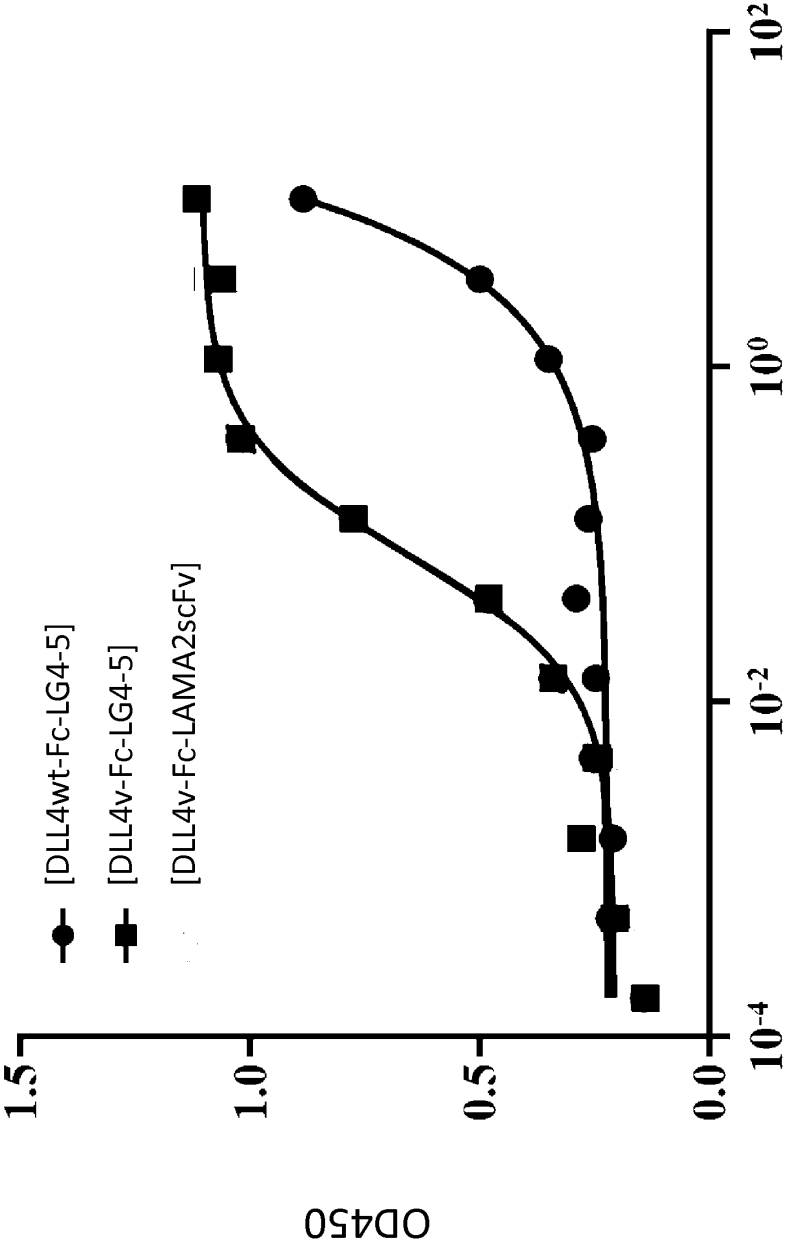
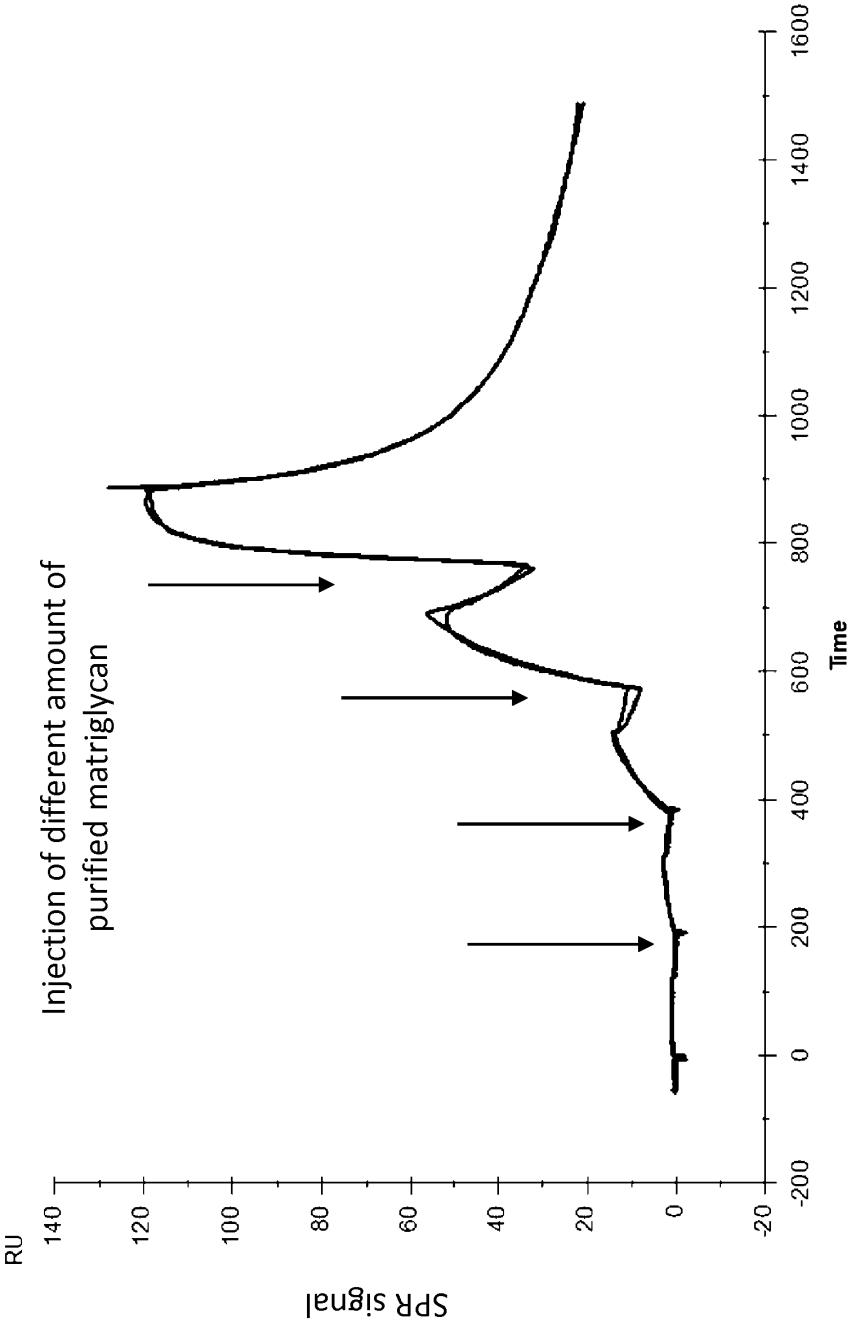
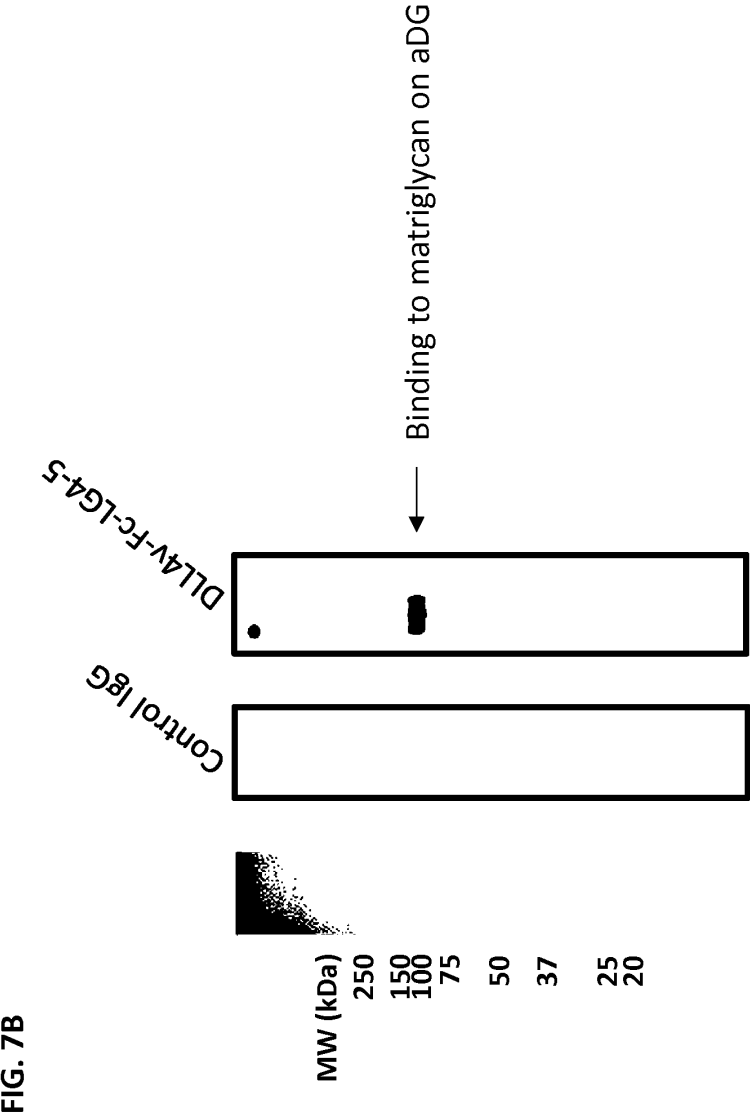


FIG. 7A





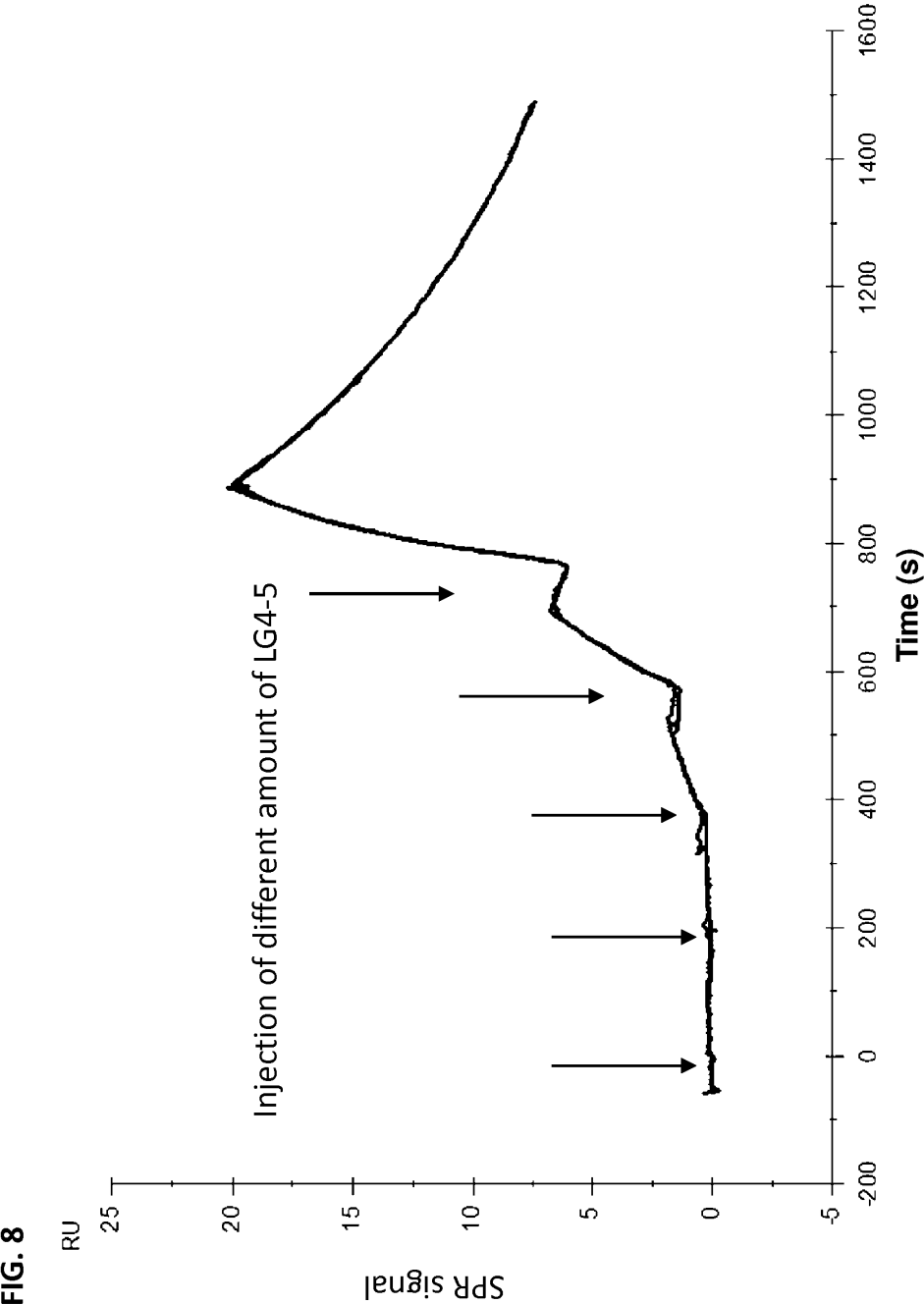


FIG. 9A

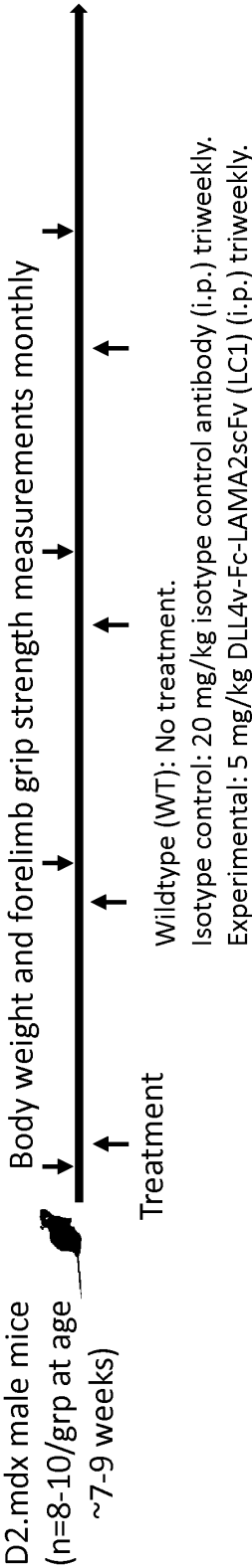
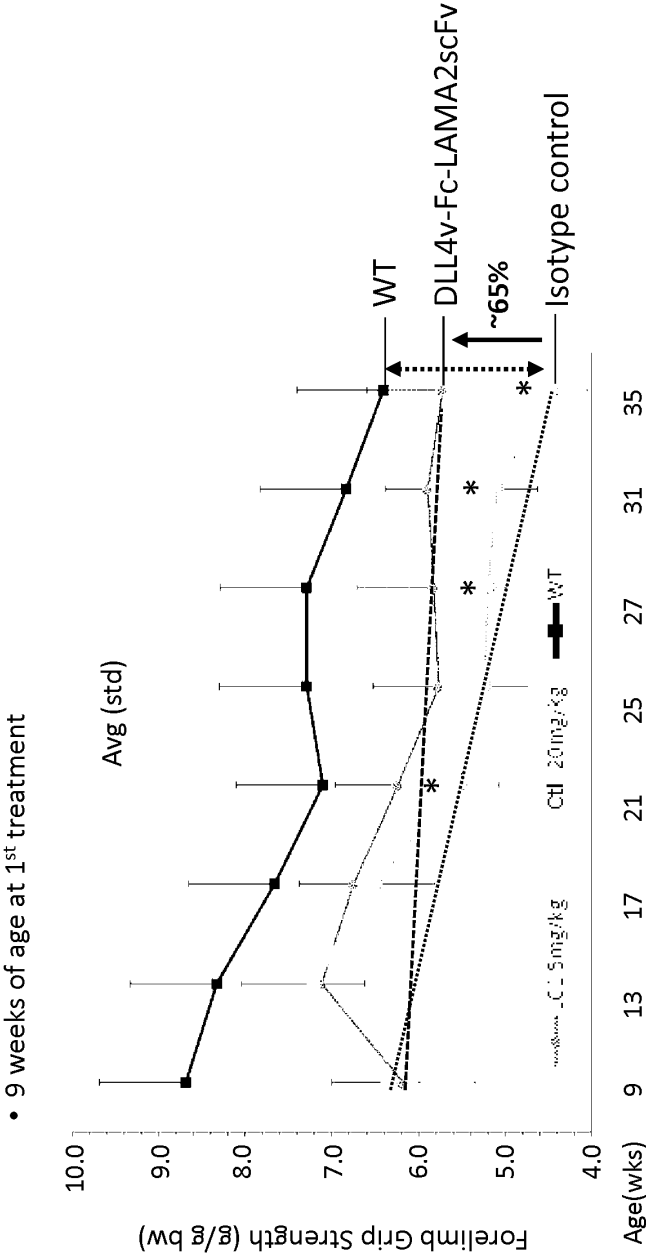


FIG. 9B



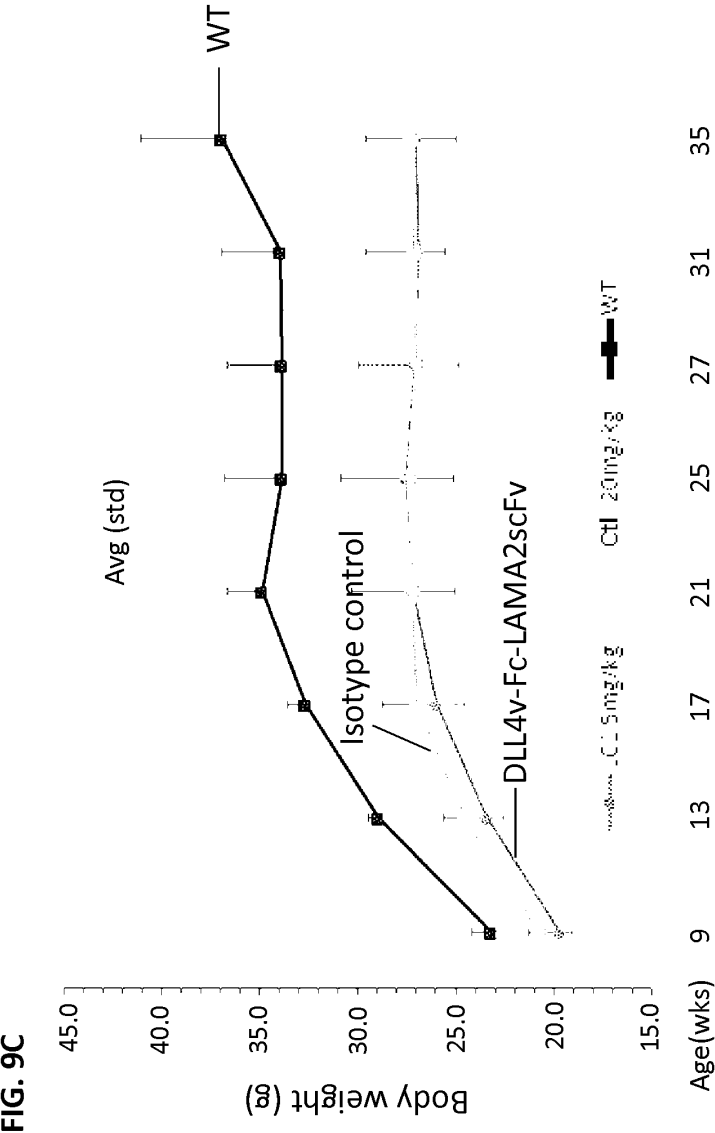


FIG. 10A



FIG. 10B

Construct	Yield from 30mL (µg)	aSEC % main peak
huD4v11-Fc(AAG)-LG21scFvDS	600	92
huD4v12-Fc(AAG)-LG21scFvDS	850	92
huD4v13-Fc(AAG)-LG21scFvDS	390	78
huD4v14-Fc(AAG)-LG21scFvDS	160	84
huD4v22-Fc(AAG)-LG21scFvDS	~0	N/A
huD4v23-Fc(AAG)-LG21scFvDS	~0	N/A
huD4v24-Fc(AAG)-LG21scFvDS	~0	N/A

FIG. 11B

Fusion	K _d (nM)
huD4v11-Fc(AAG)-LG21scFvDS	1.3
huD4v12-Fc(AAG)-LG21scFvDS	1.0
huD4v13-Fc(AAG)-LG21scFvDS	1.5
huD4v14-Fc(AAG)-LG21scFvDS	1.2
huD4v-Fc(AAG)-LG21scFvDS (parental)	7.0
muD4v	0.3

muNotch1 binding

FIG. 11A

