FIG. 1A

FR1 CDR1 FR2 CDR2

UBS-54 VH: QVQLVQSGAEVKKPGSSVRVSCKAS GGTFSSY AISWVRQAPGQGLEWMGGI IPIFGT

ANYAQKFQGRVTITADESTSTAYMELSSLRSEDTAVYYCAR **DPFLHY** WGQGTLVT

FR3 **CDR3** FR4

UBS-54 CDR-H3: DPFLHY
D1A CDR-H3: APFLHY
F3A CDR-H3: DPALHY
L4A CDR-H3: DPFAHY
Y6A CDR-H3: DPFLHA
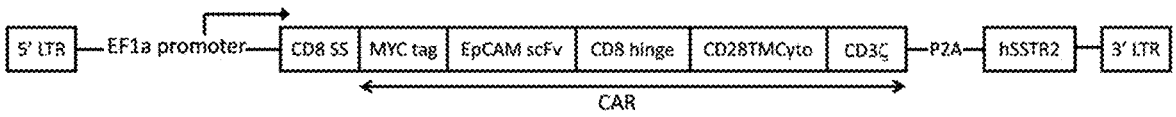
FIG. 1B