

Figure 1

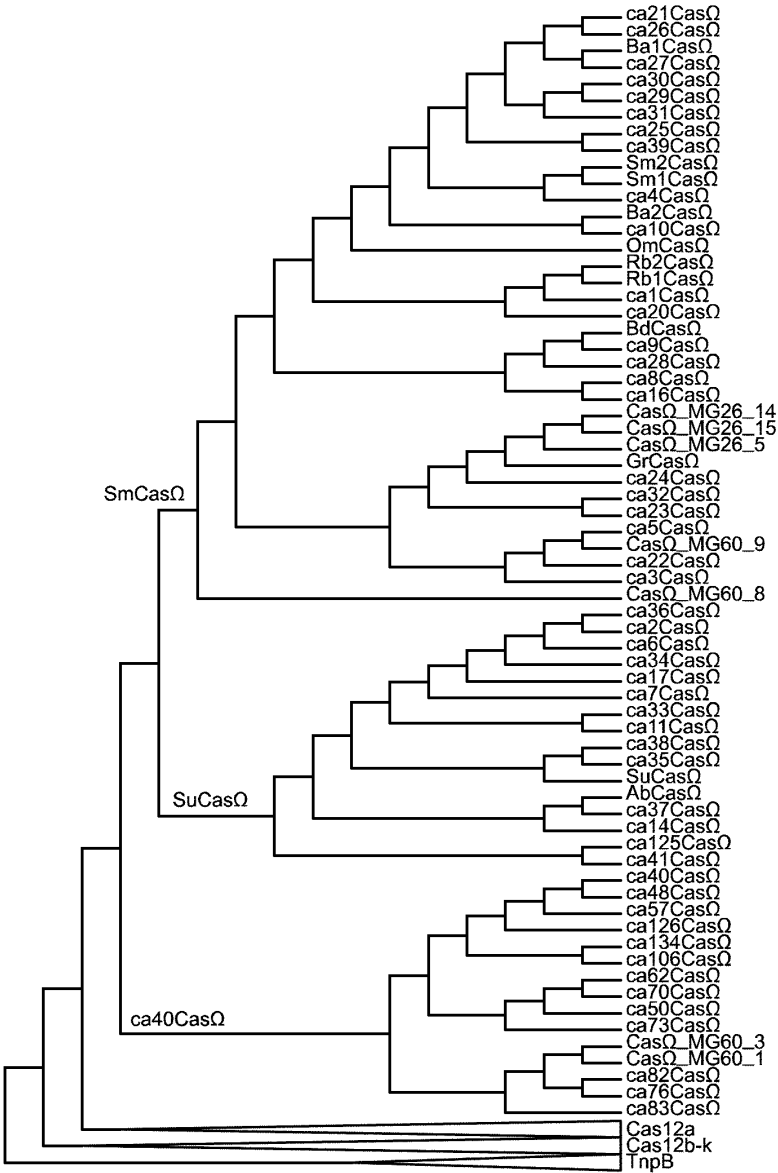
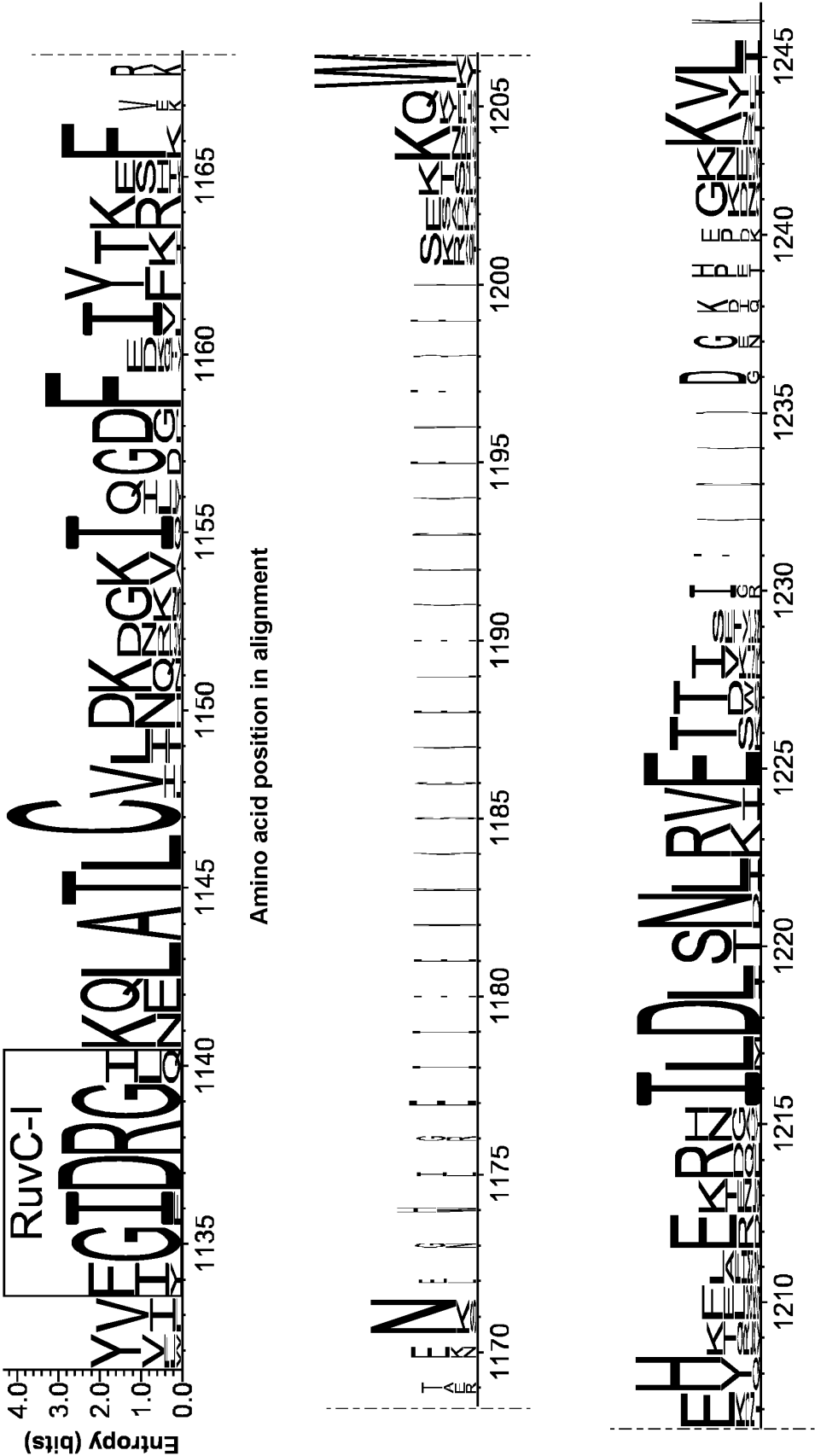
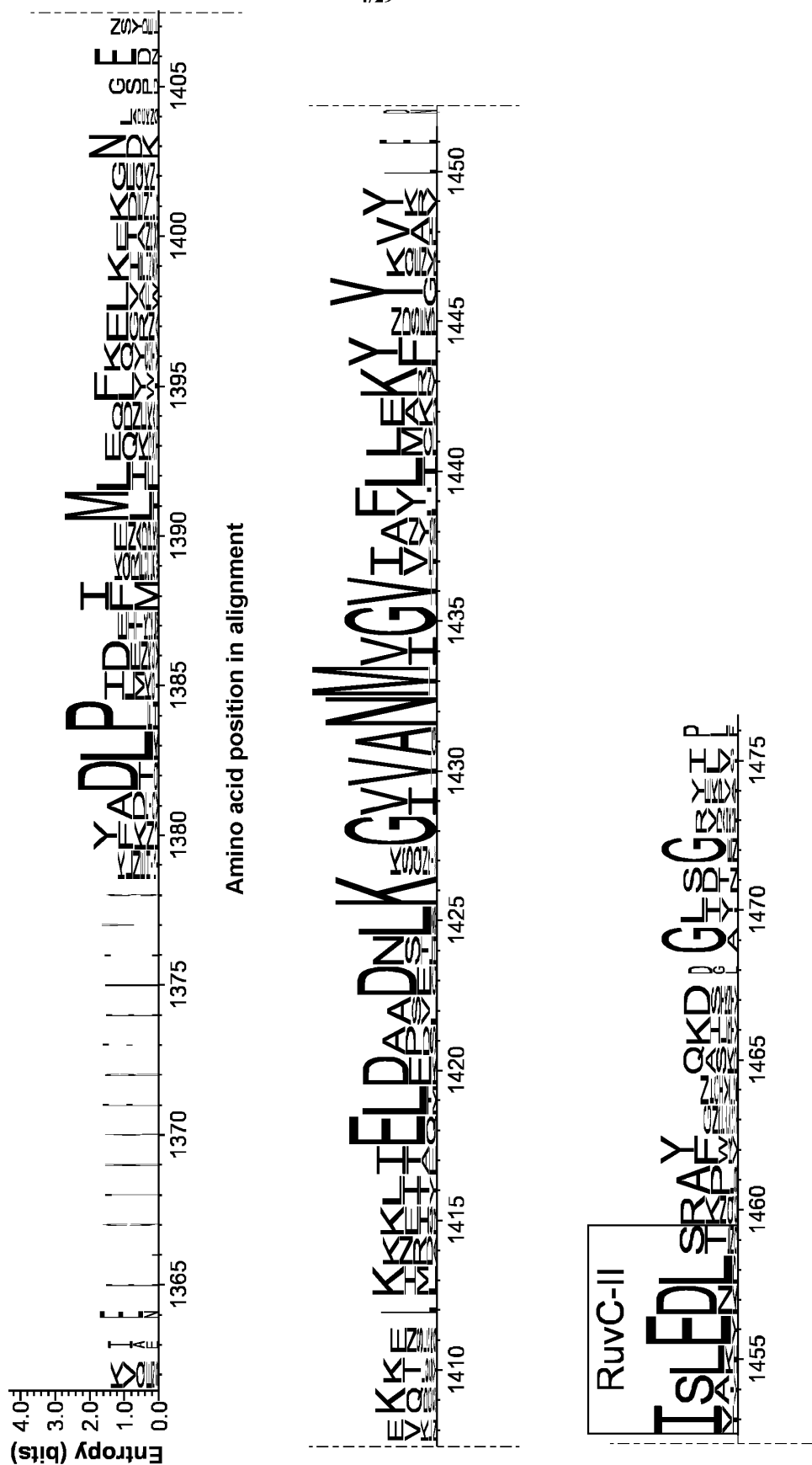


Figure 2



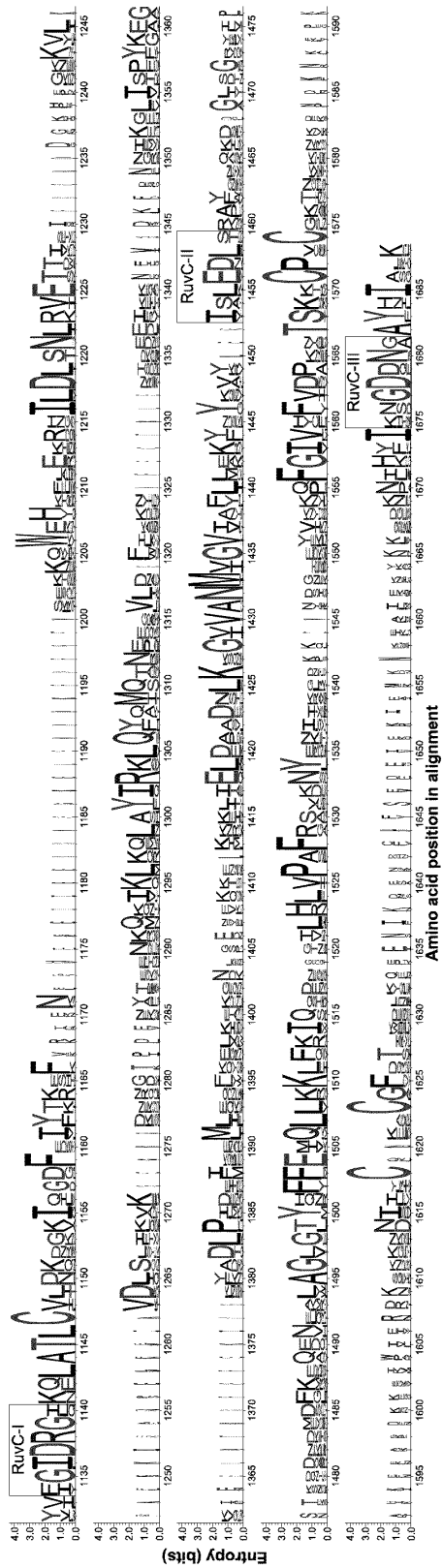
Sequence logo for the 1290-1360 region of the protein. The y-axis represents Entropy (bits) from 0.0 to 4.0. The x-axis represents the amino acid position from 1290 to 1360. The logo shows high conservation at positions 1290-1300 and 1355-1360. Key motifs include 'VDLS' at 1265-1268 and 'NNTKGLTSPYKEG' at 1355-1360.



Sequence logo for the 15th position of the 159-residue protein. The y-axis represents Entropy (bits) from 0.0 to 4.0. The x-axis shows amino acid positions from 1480 to 1515. The sequence is S T K D R D M D E K Q E N L A G G T Y H F F E M Q L L K L F K I Q D L I Z I. The logo shows high conservation for the 'LAGGT' motif.

Sequence logo for the 1680-1685 region of the protein. The y-axis represents Entropy (bits) from 0.0 to 4.0. The x-axis represents the Amino acid position in alignment from 1595 to 1630. The logo shows high conservation at positions 1600-1605, with a peak at 1602 (G). A box labeled 'RuvC-III' is drawn around the sequence YIKNGDNGAYHTA.K from position 1675 to 1685.

Figure 2



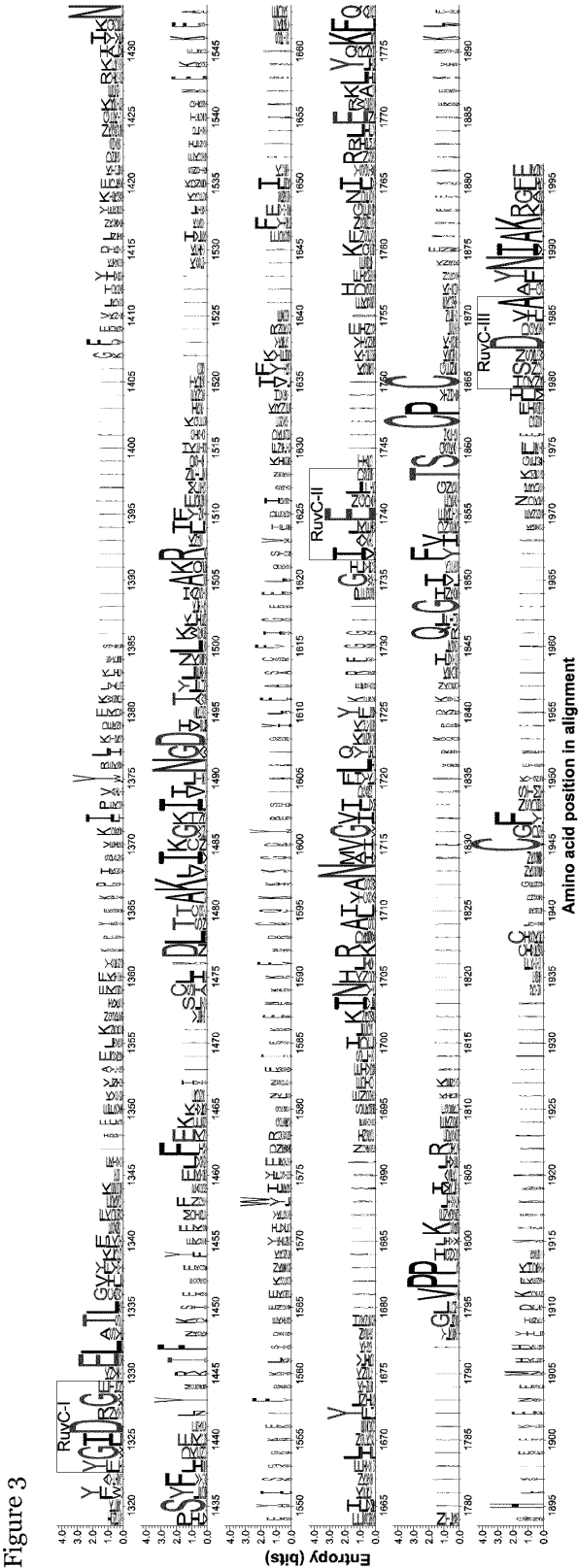


Figure 4

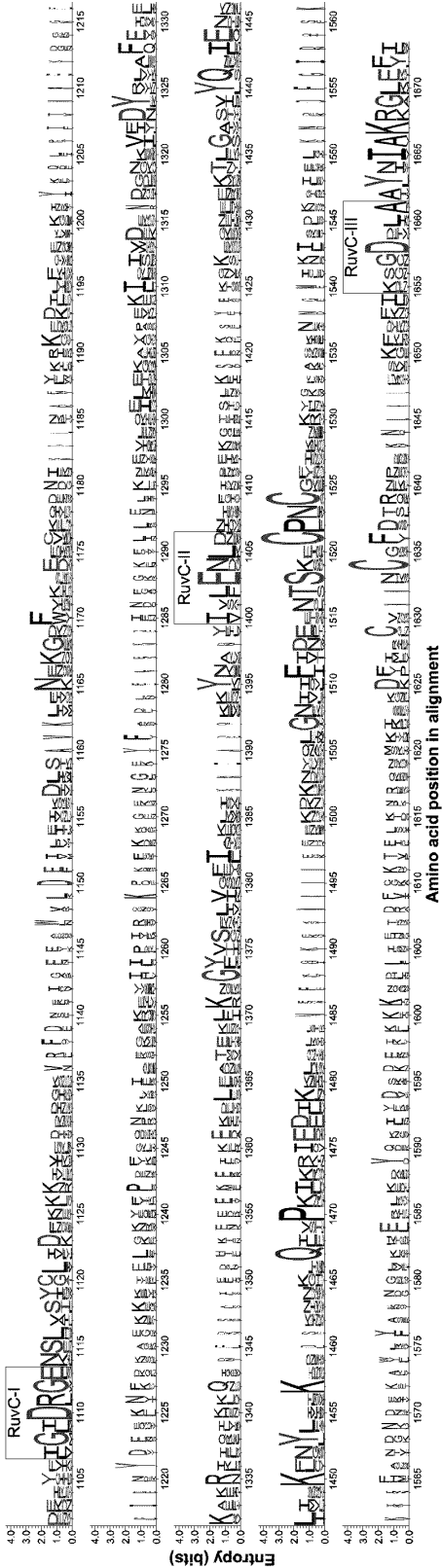


Figure 5

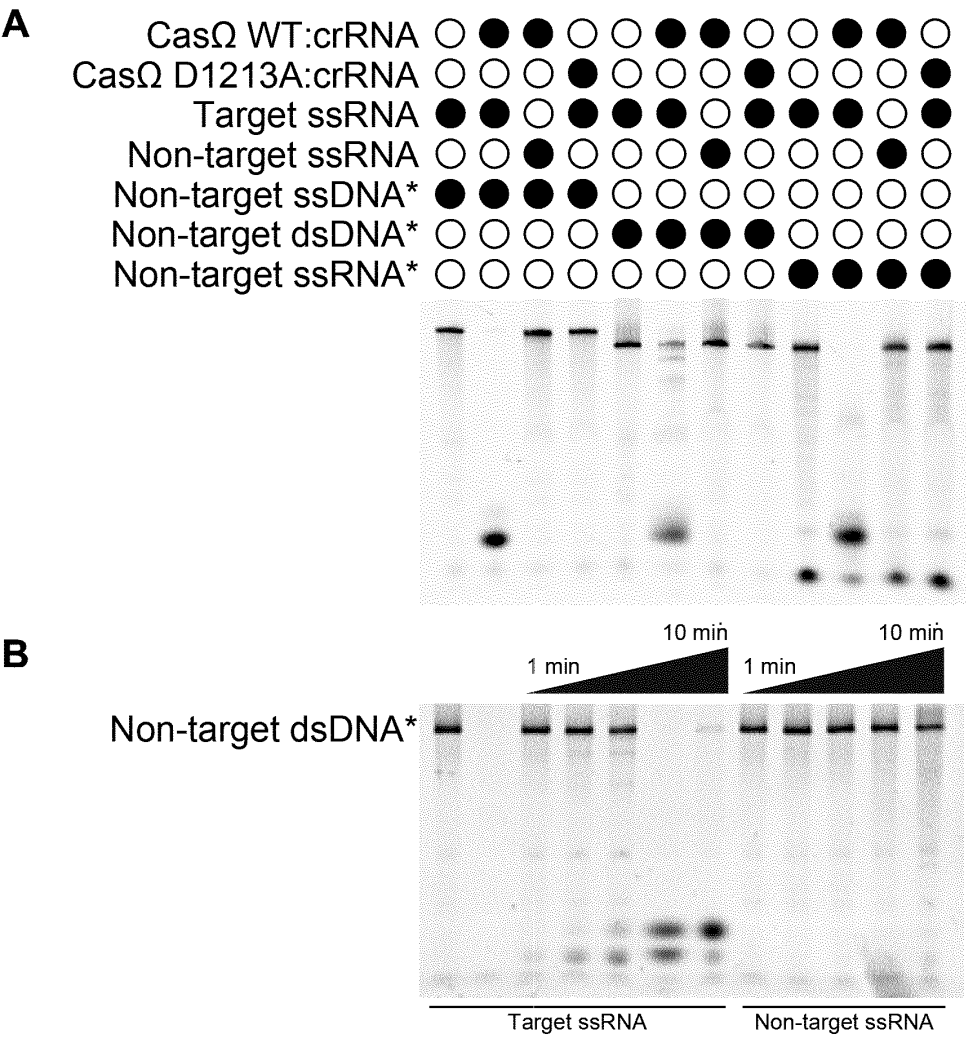
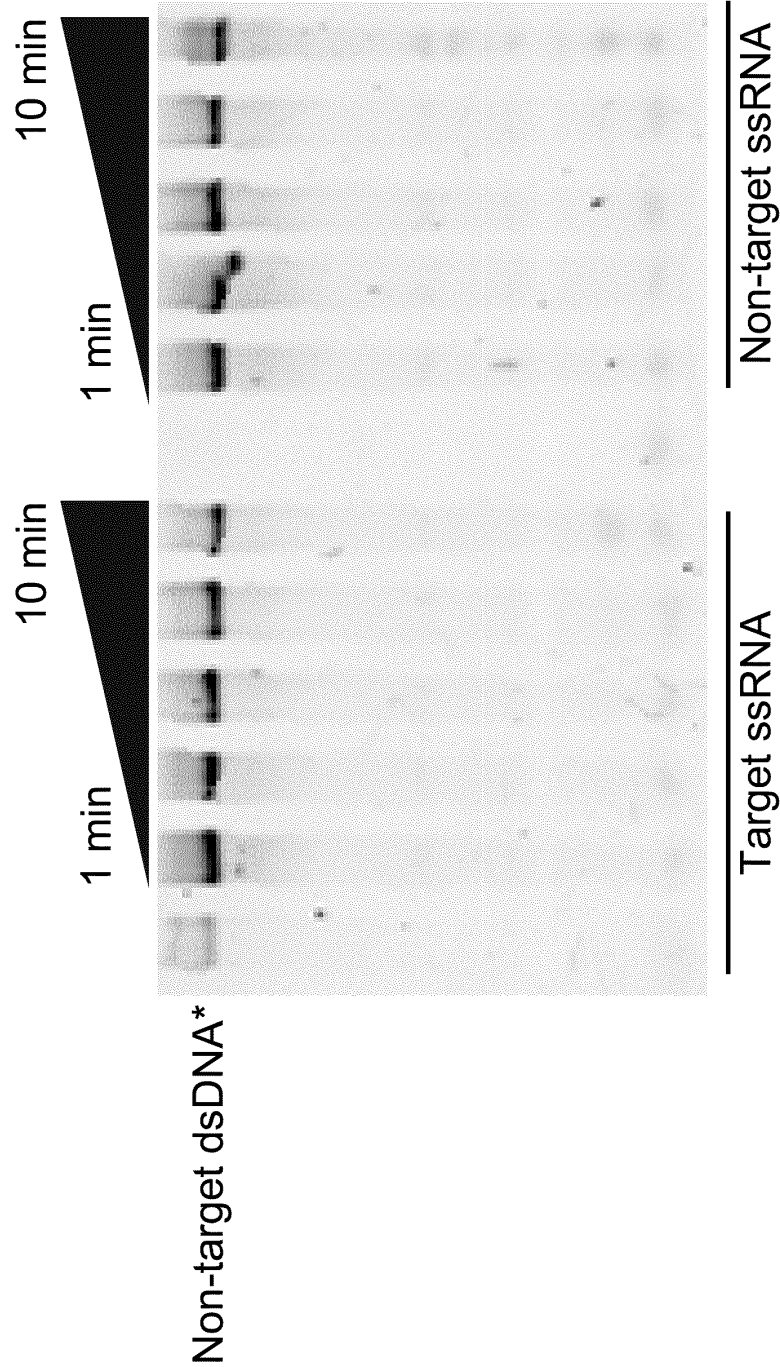
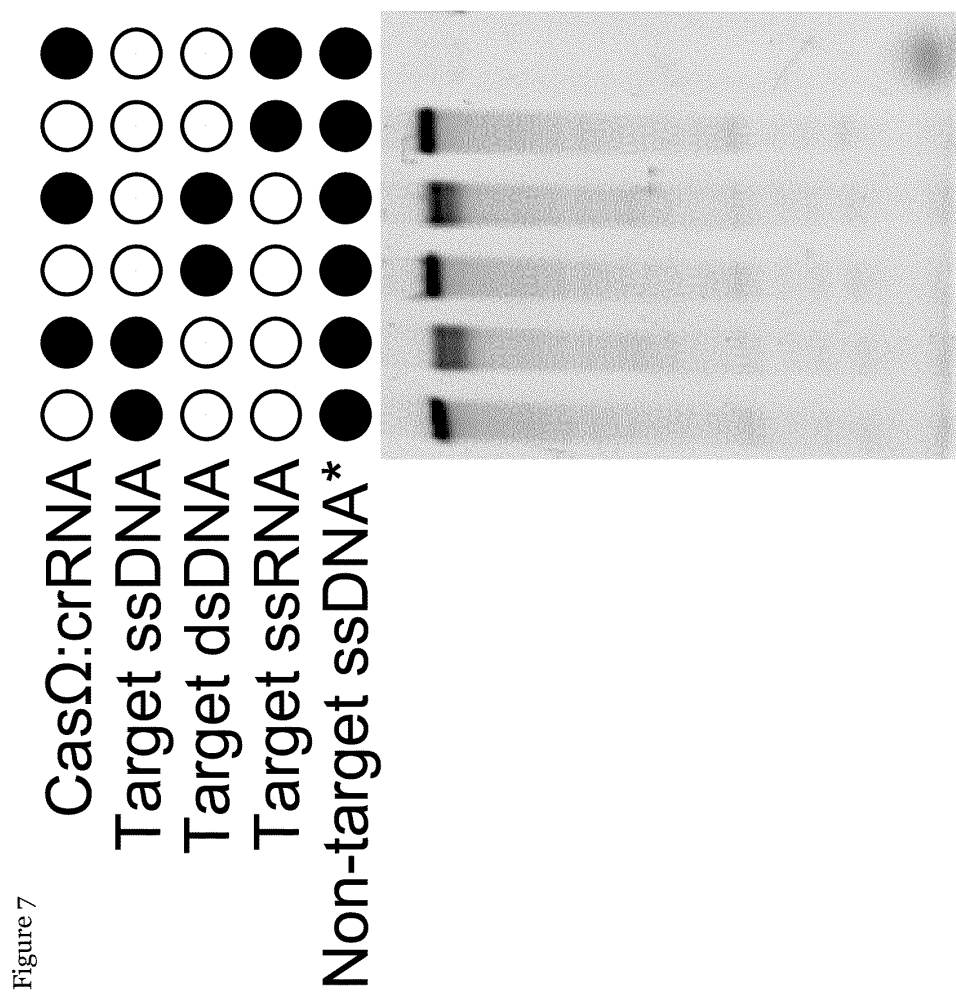


Figure 6





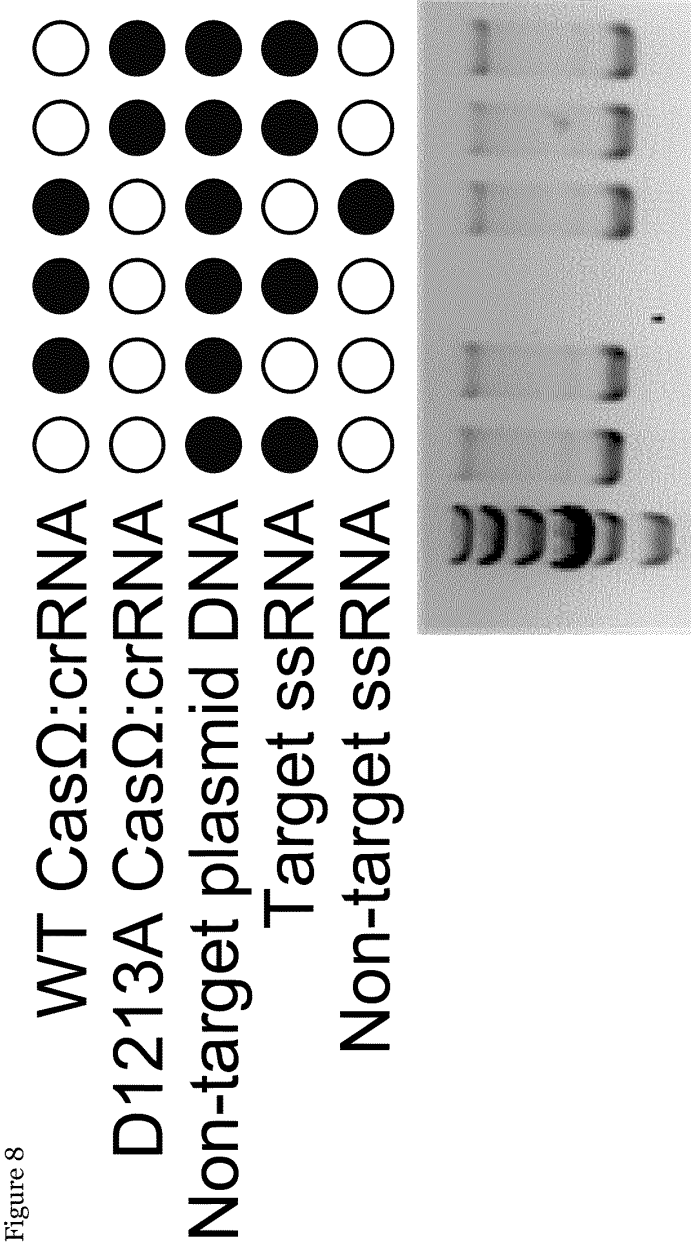


Figure 9

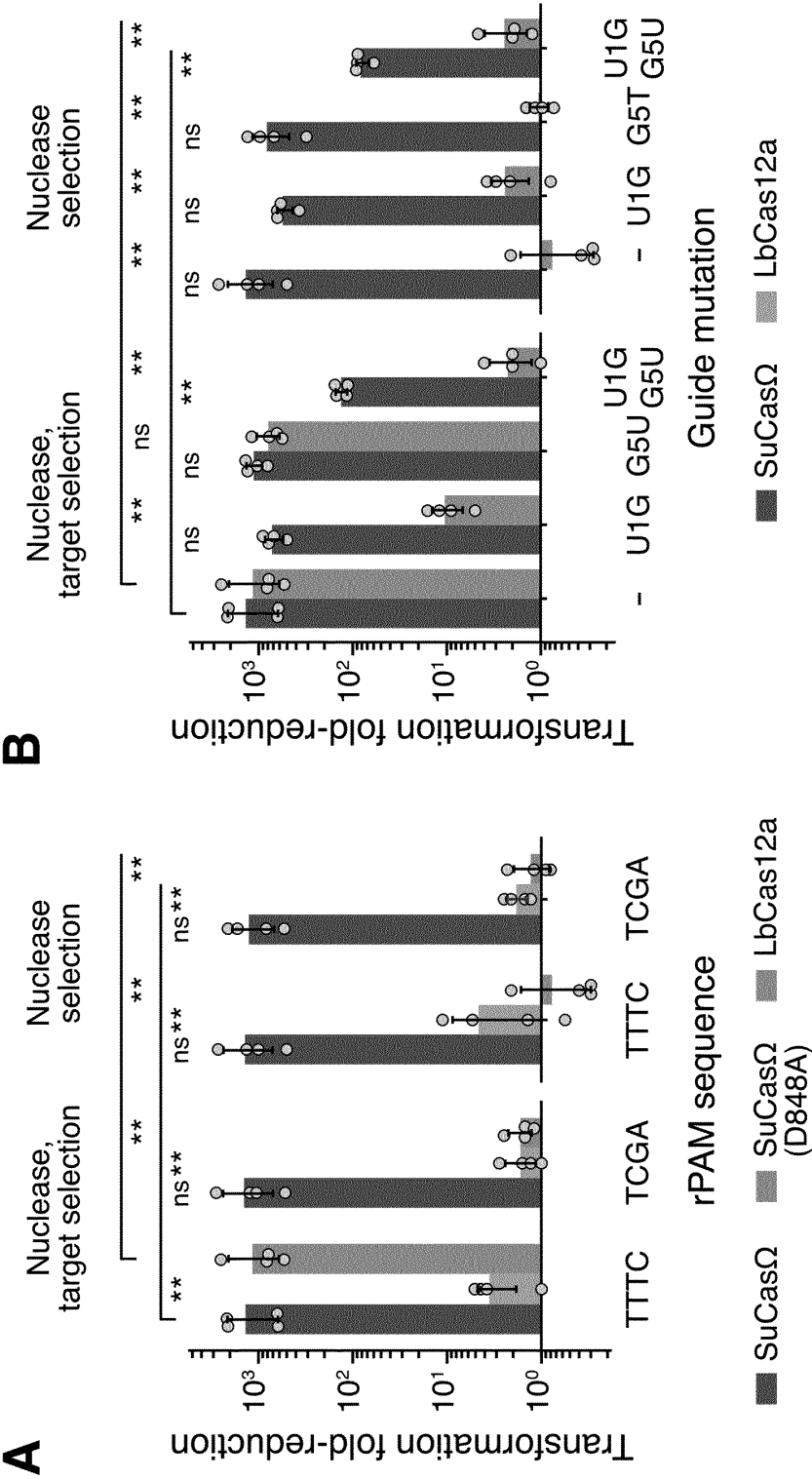
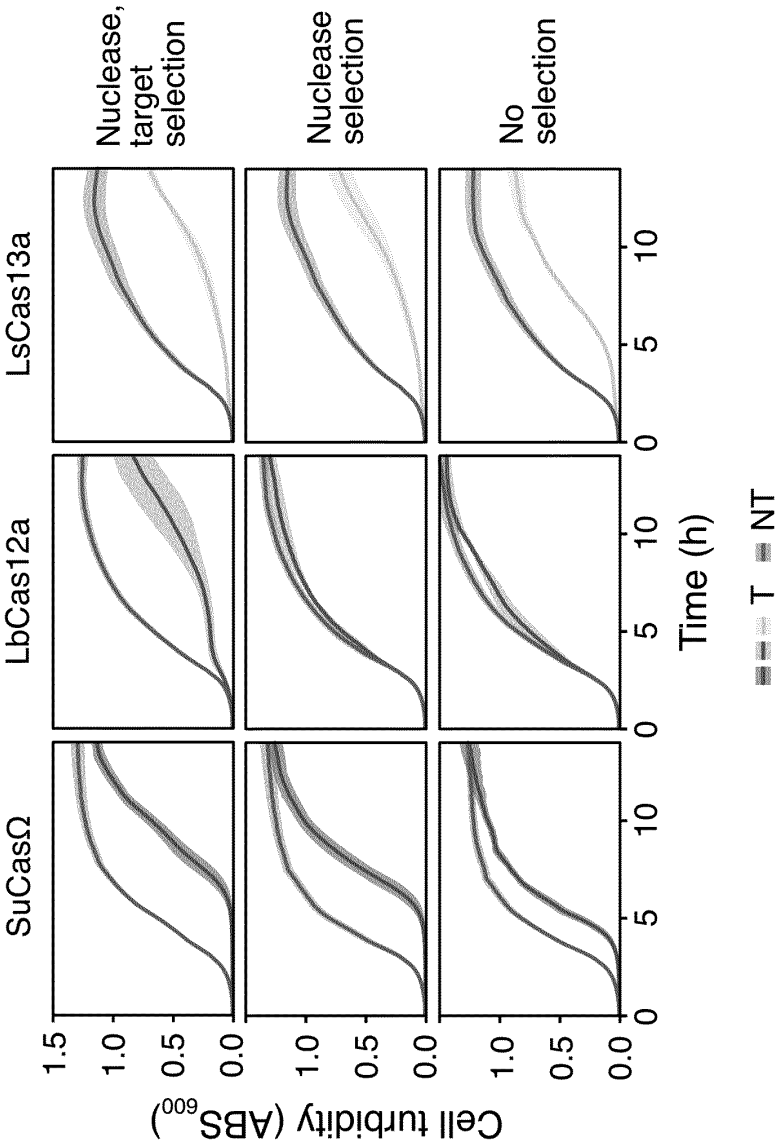
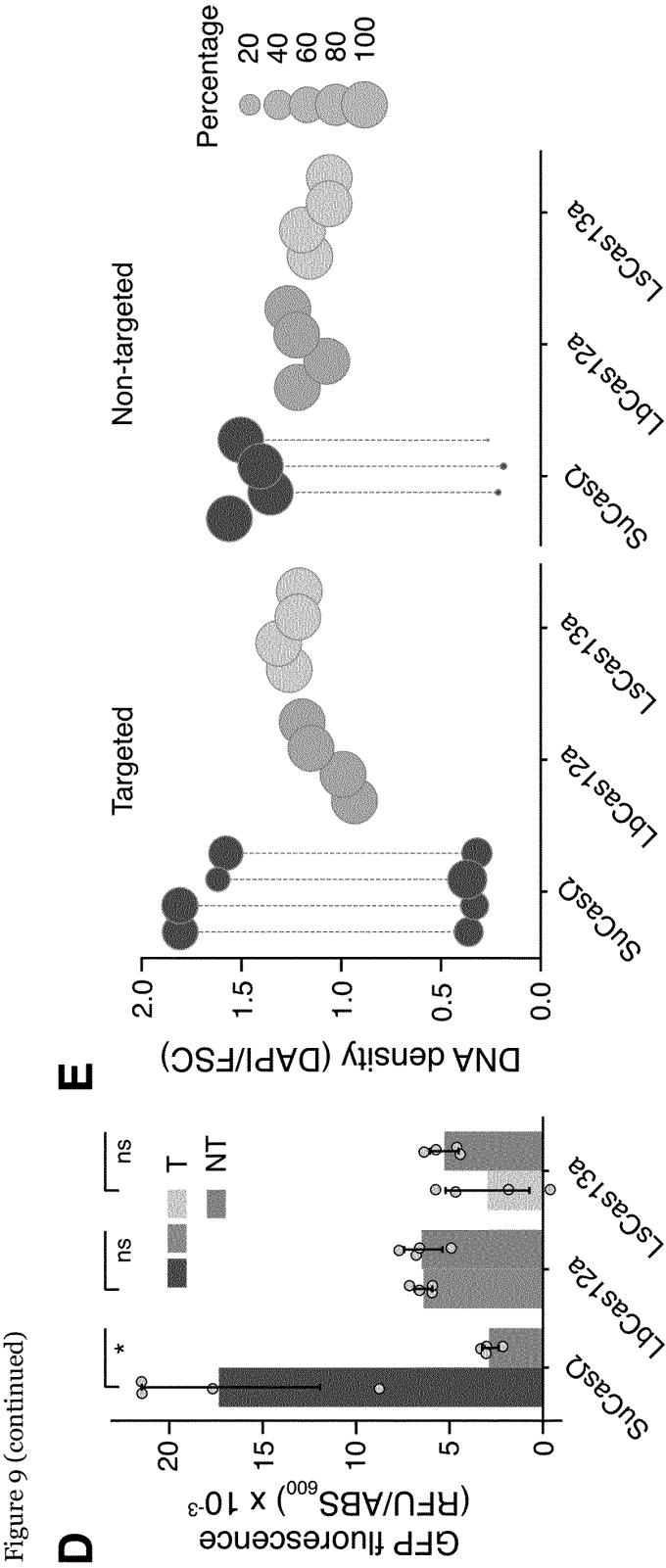
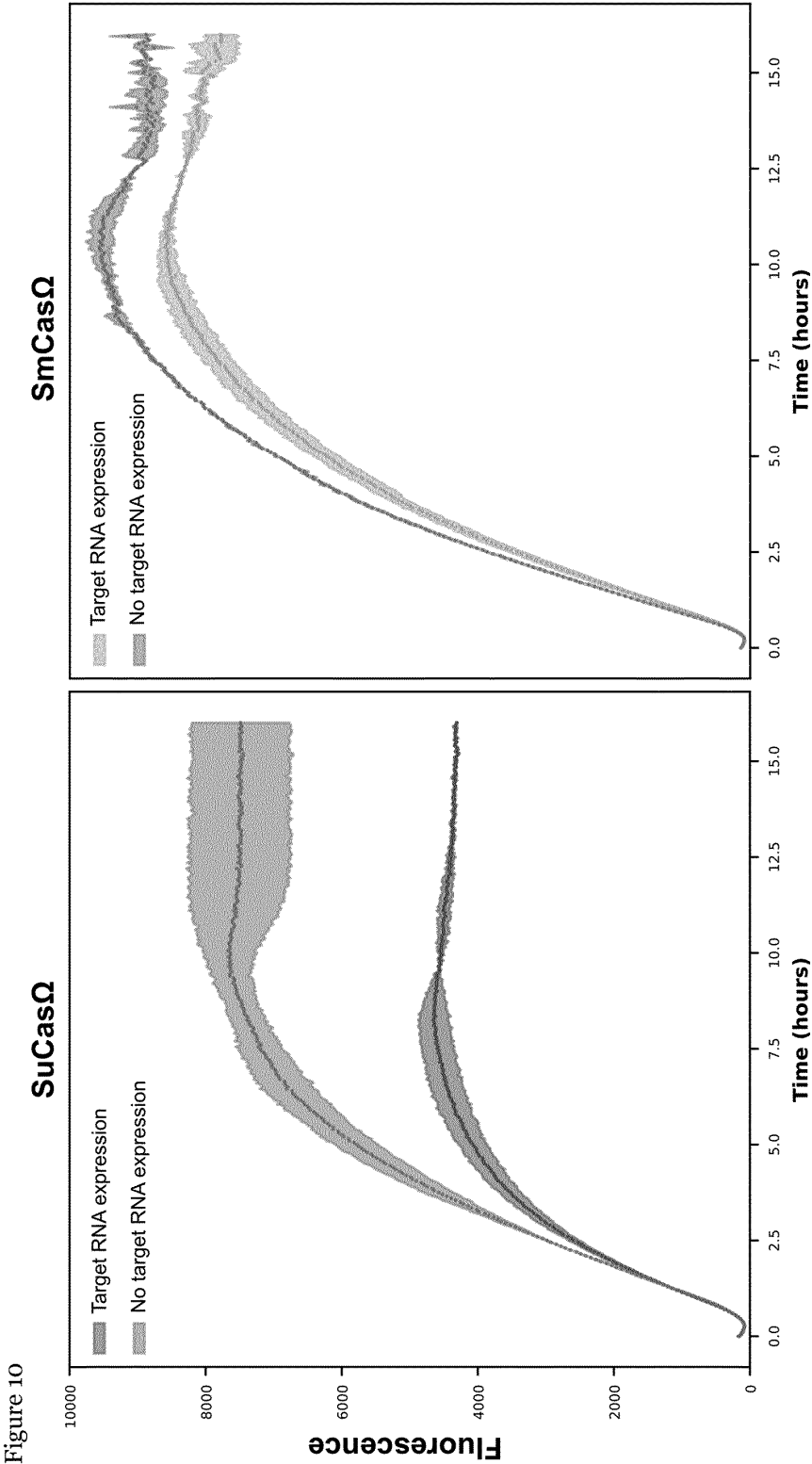


Figure 9 (continued)

C







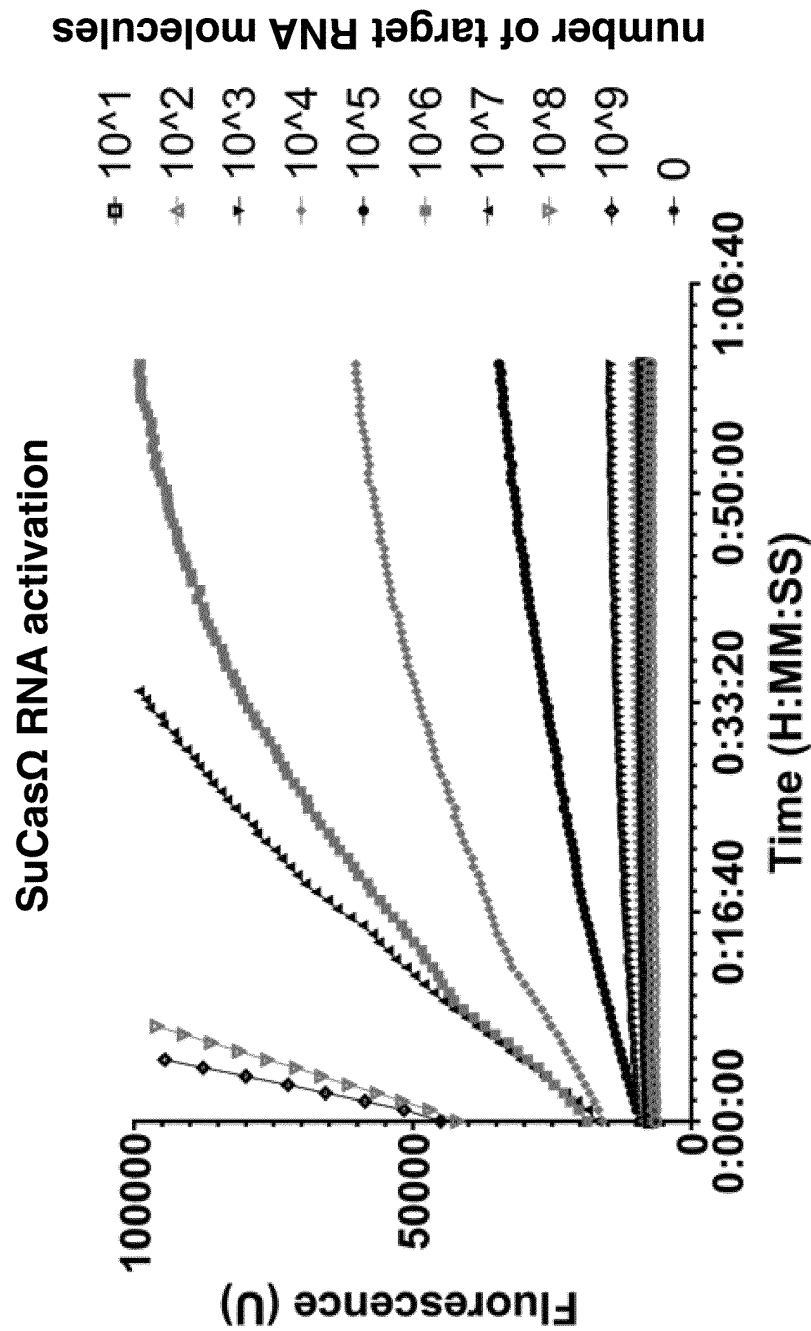


Figure 11

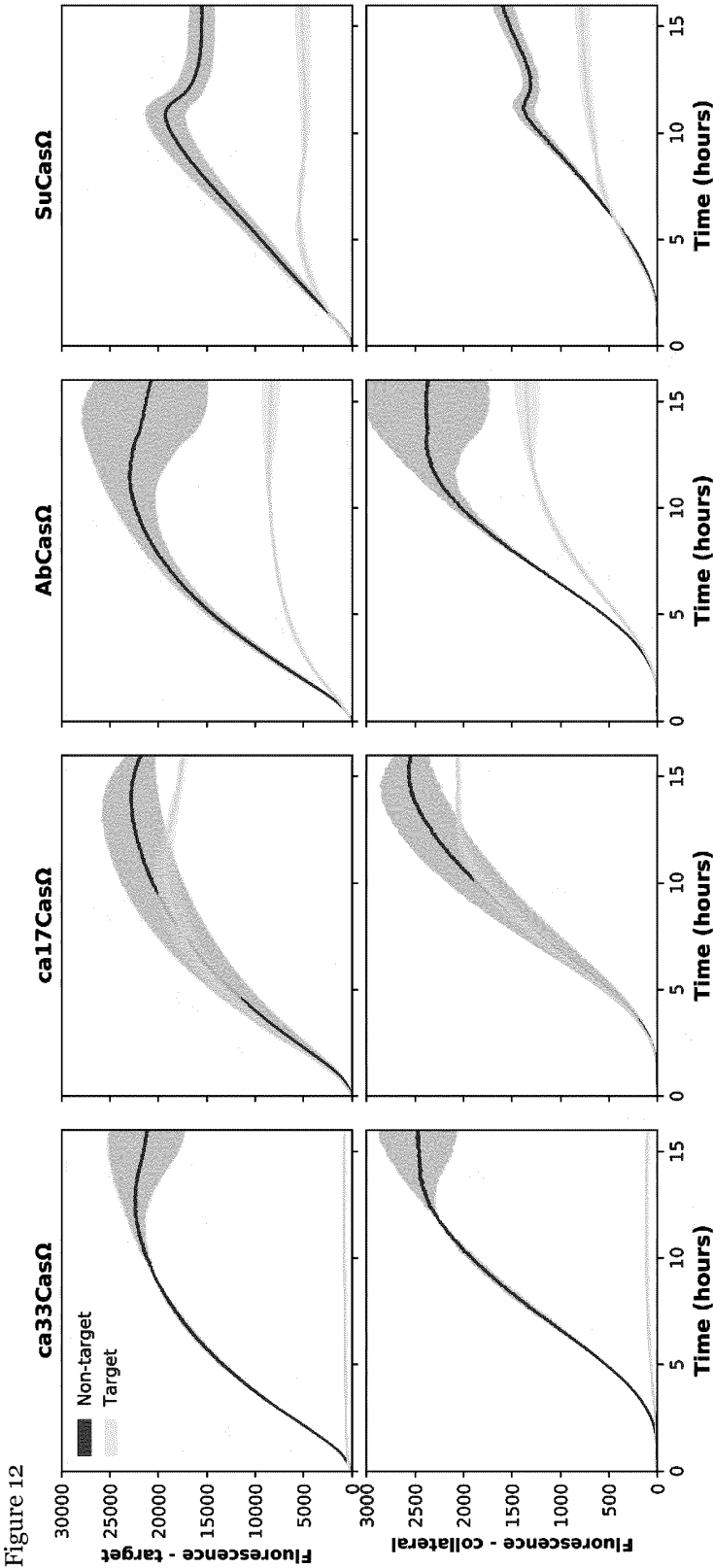
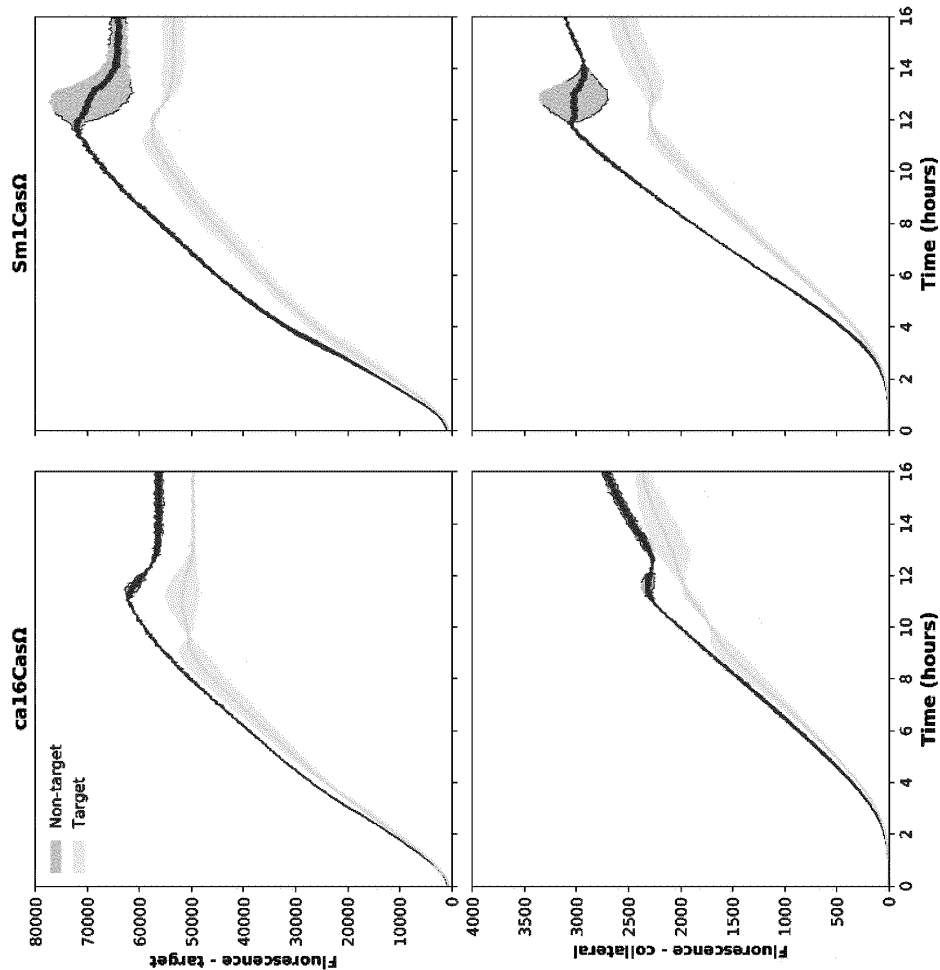
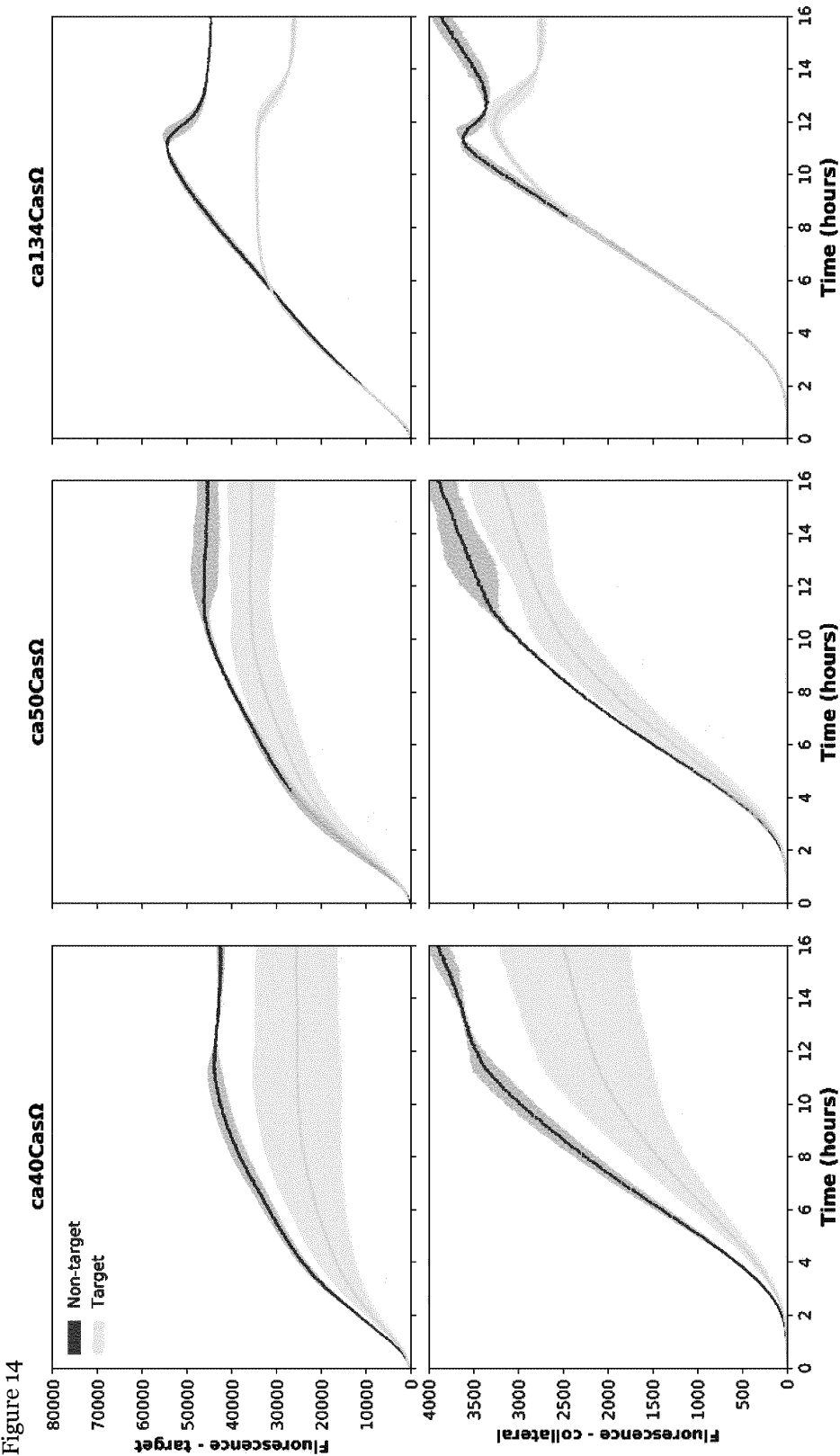
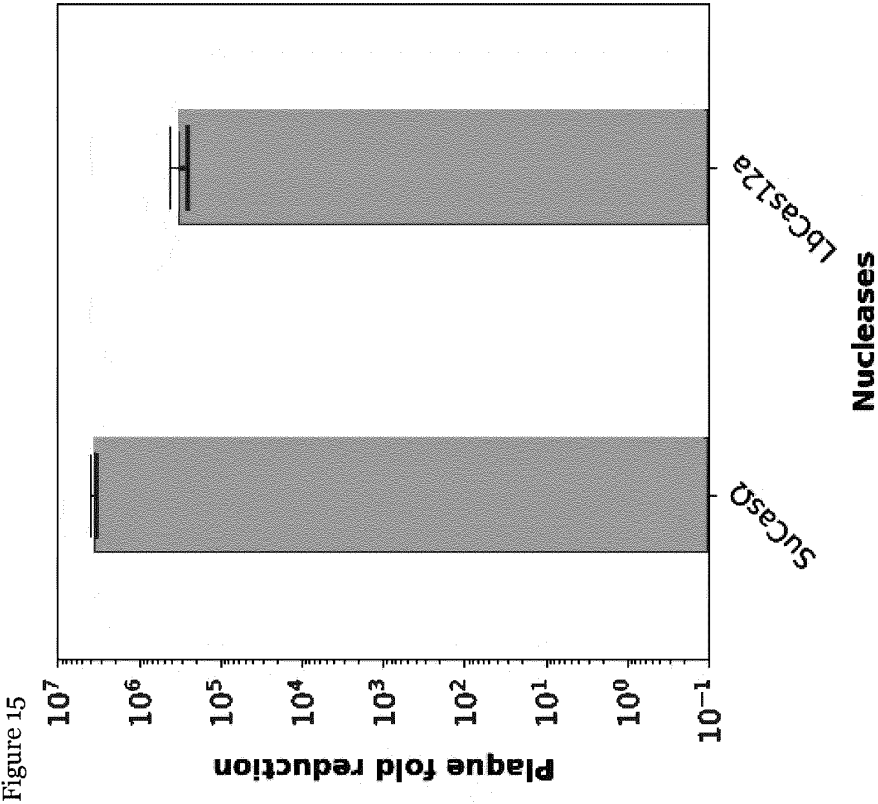
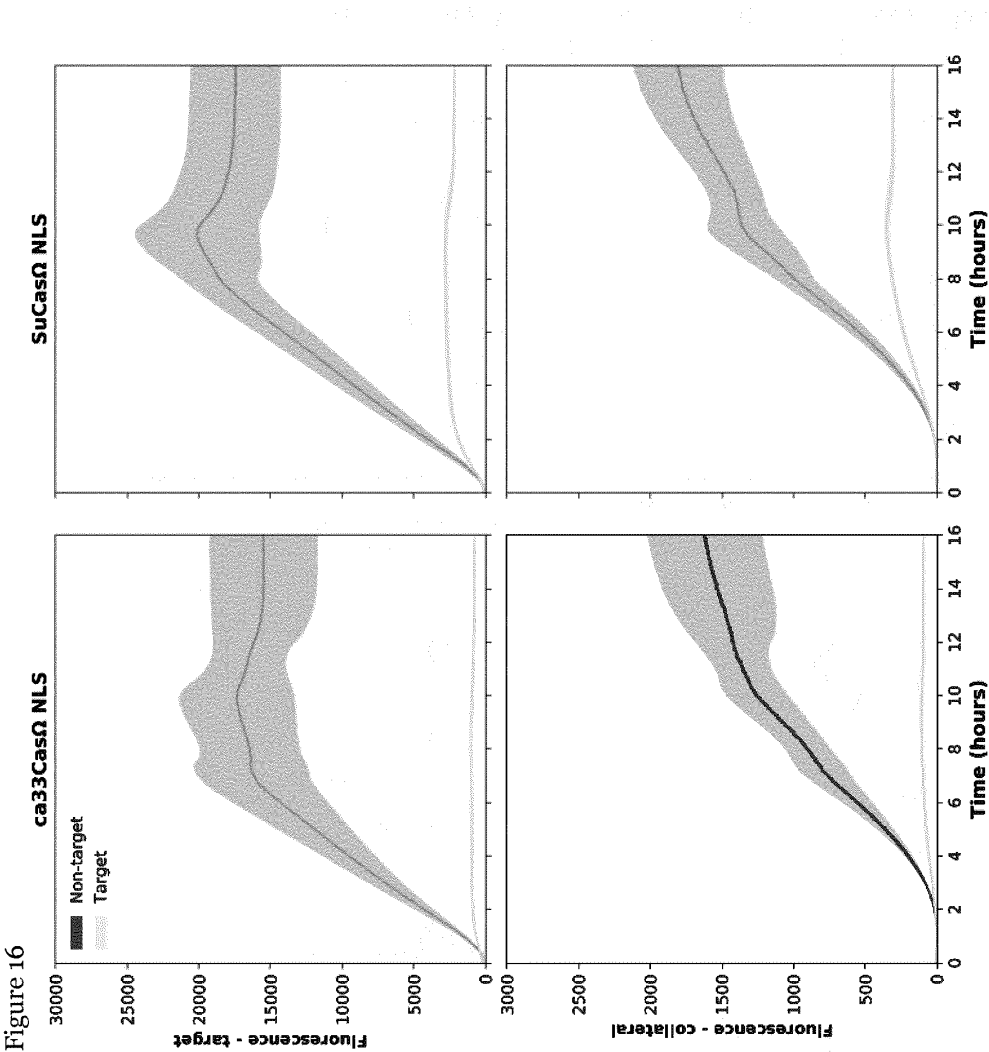


Figure 13









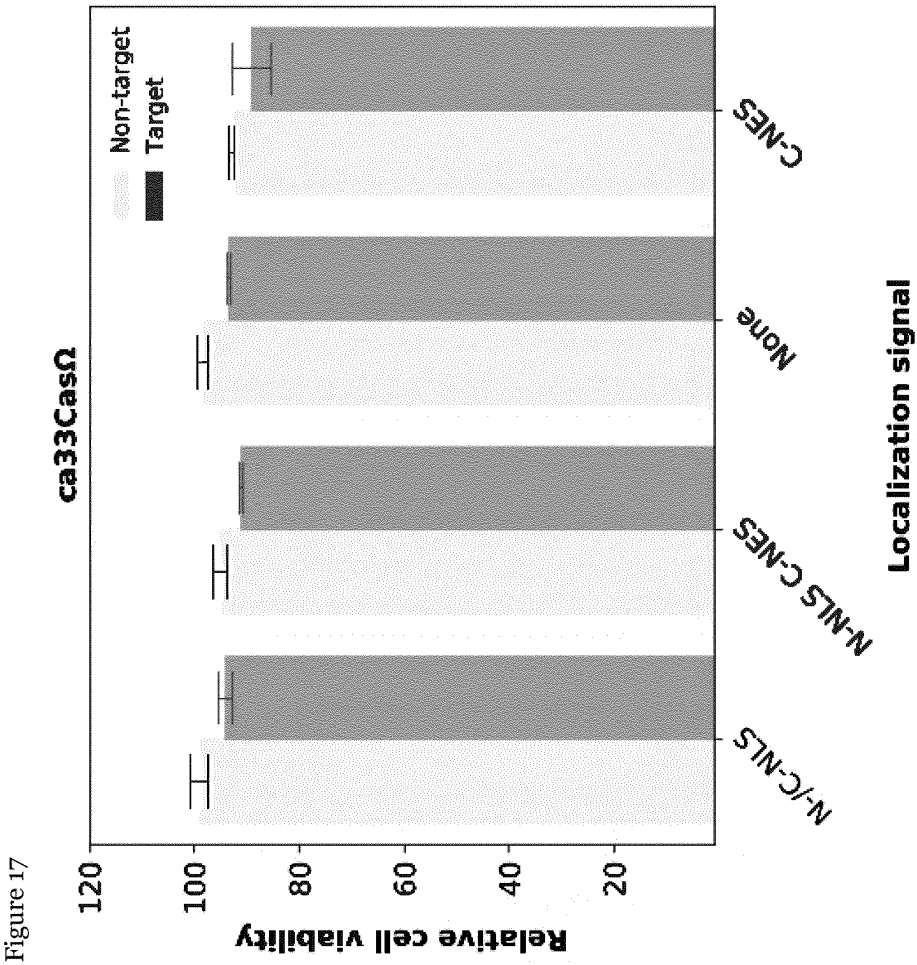


Figure 18

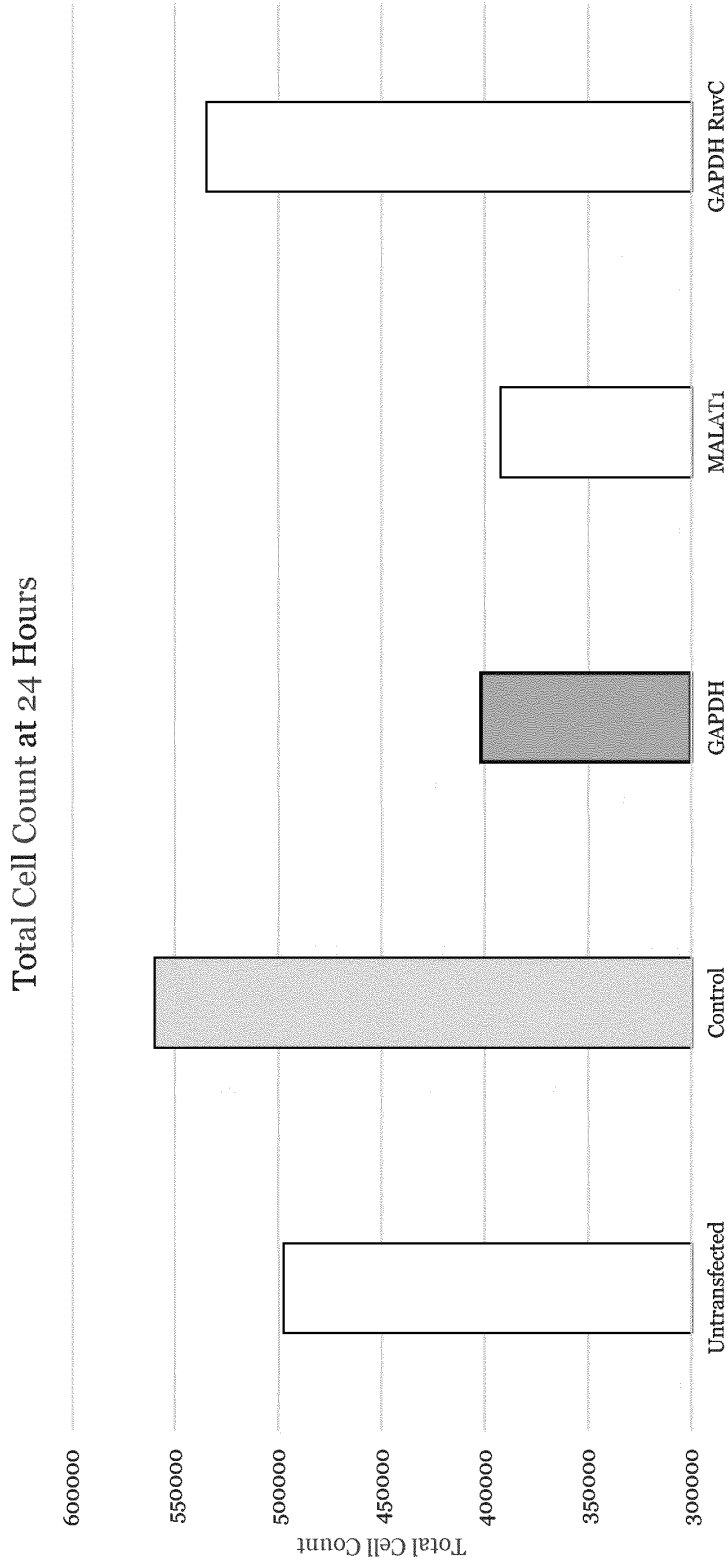


Figure 19

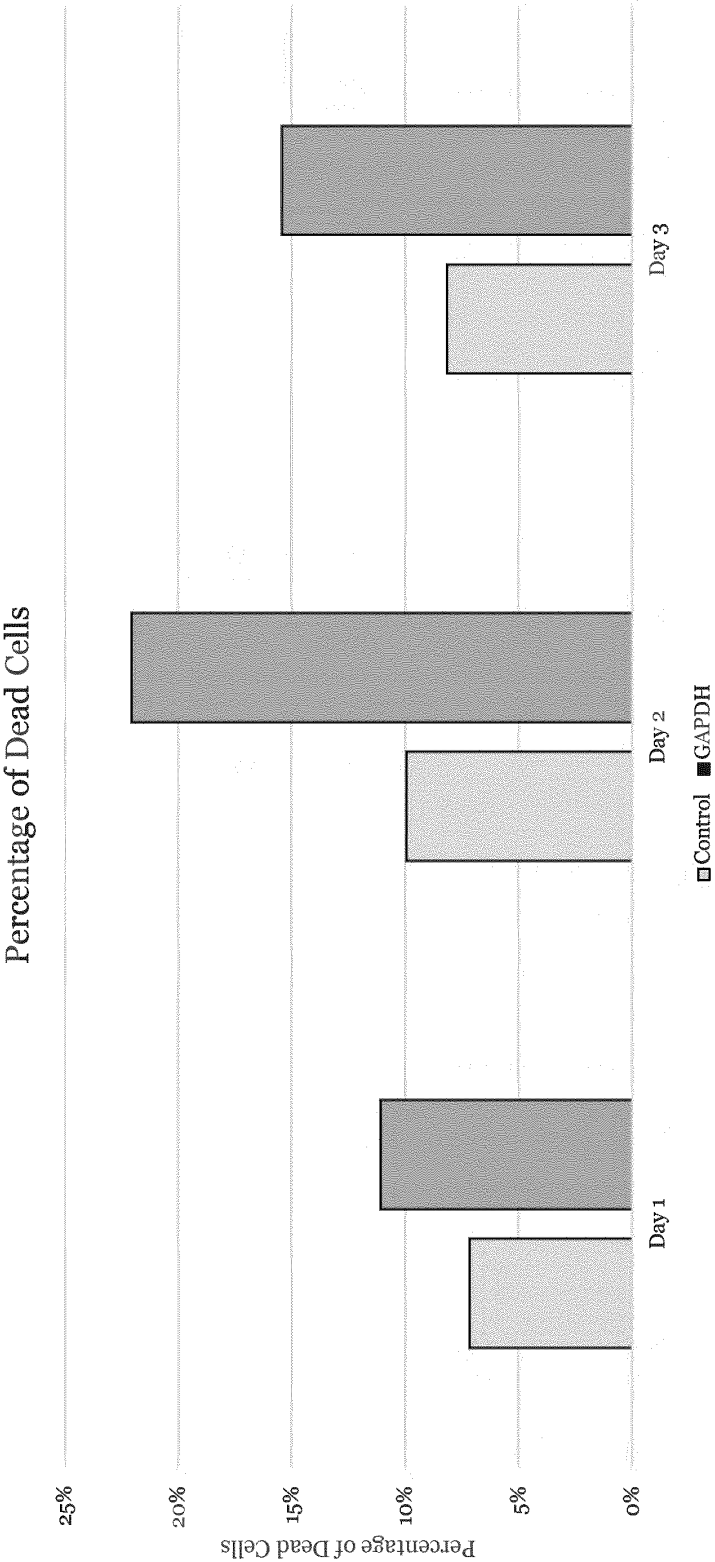


Figure 20

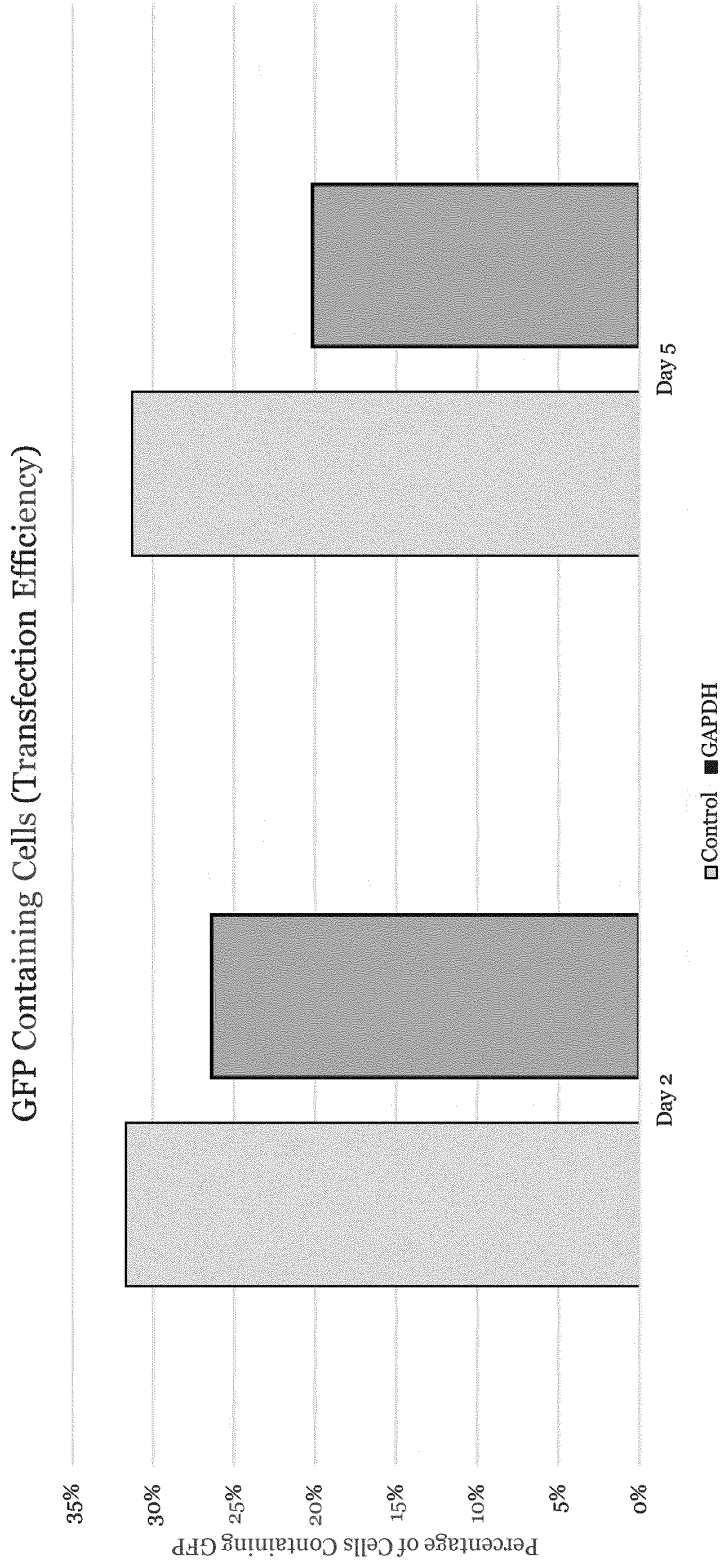
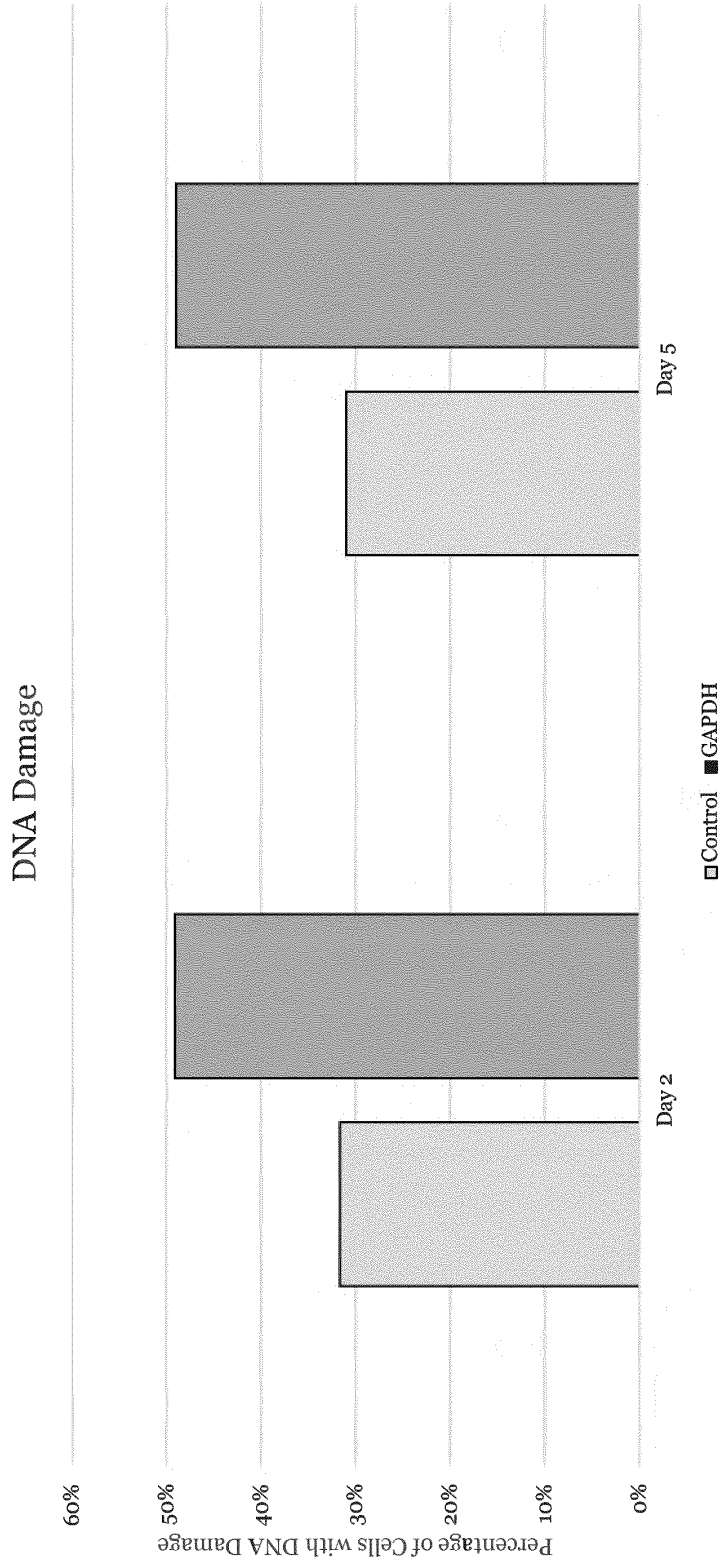


Figure 21



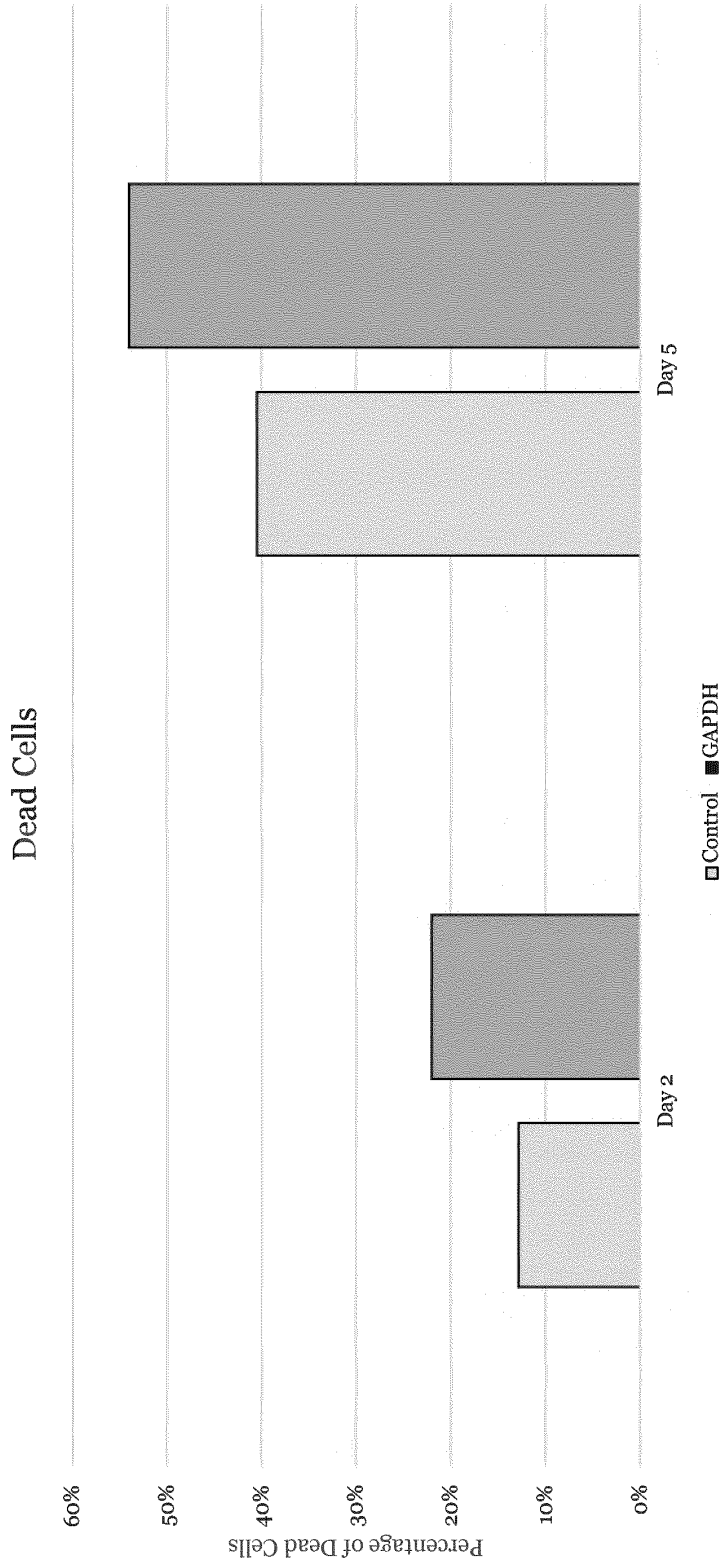


Figure 22