

FIG. 1A

Structure of VAI RNA

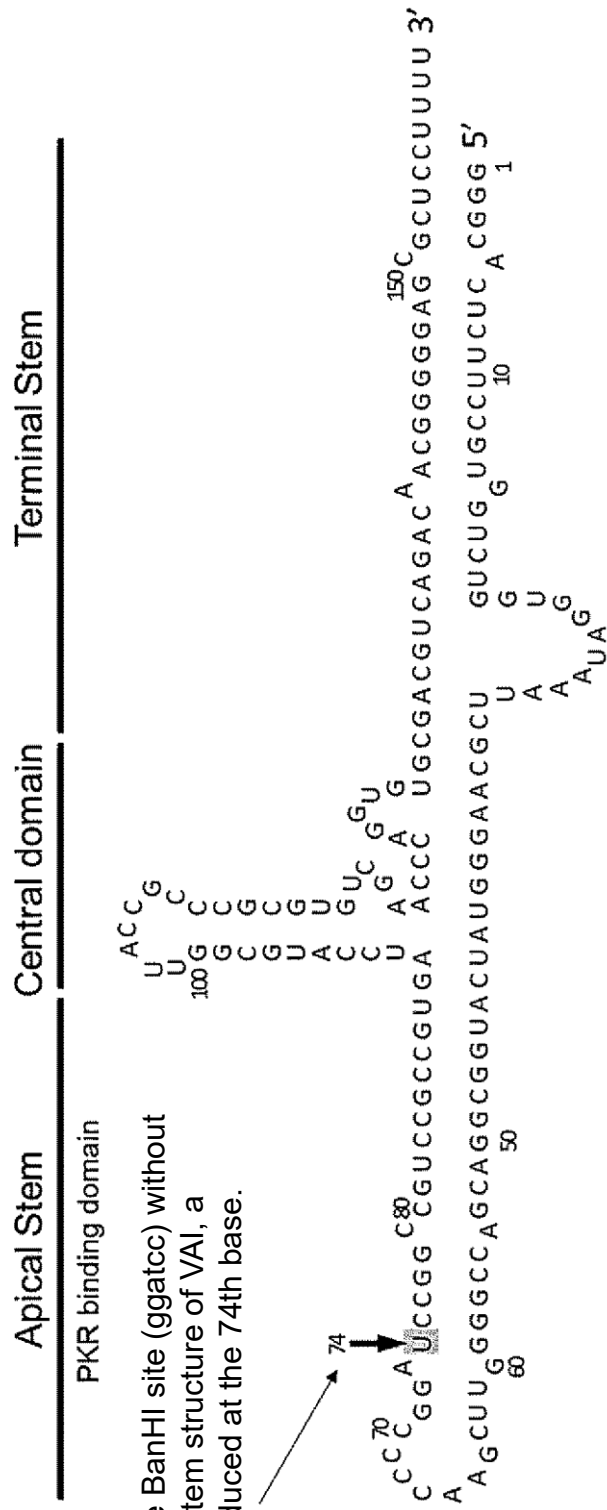


FIG. 1B

VAl is underlined.

wt
VAI(180bp)

cugjagcgggcacuciuucgugugcuiggugauaaauucgaaggguuacaluggcgagcacacggggjuicgaaccccggaluccgccccgugucgggiuaccggcccgugucgaacccaggugugcgagguca
GACAAACGGGGAGCGCUCUUUuuaggcuactucca

VAI(180bp)
74a

cuguaagcgggcacuciuucgugugucugguagauaauccgaaggguuucgagggguucgagcccgga¹⁸cggcgucggcgugauccaucgagggugugaccccgaggugugcgagcgucuaacacggggagcgucuuuugcgucuuucca

VAI(180bp)
74c

cugaagcggggcacucilucgugugucugggaaauucgaaggguaucagggcgacgacggggguugcaacccgggacccggcgguccgcccggcgugcgaaccagguugcgcagcgucaacacgggggagcgccucuuuuuggcuuucca

VAI(330bp)
74a[illegible]

In order to remove the NheI site (gctagc), a mutation can also be introduced at 191st base.

wt
VAI-VAI(478bp)

[illegible]

FIG. 2

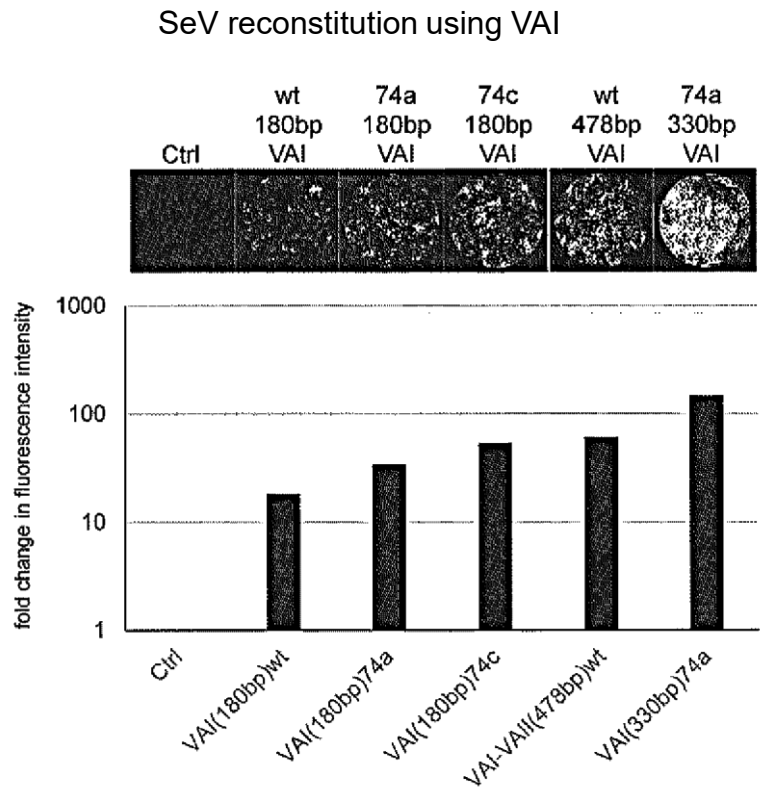


FIG. 3

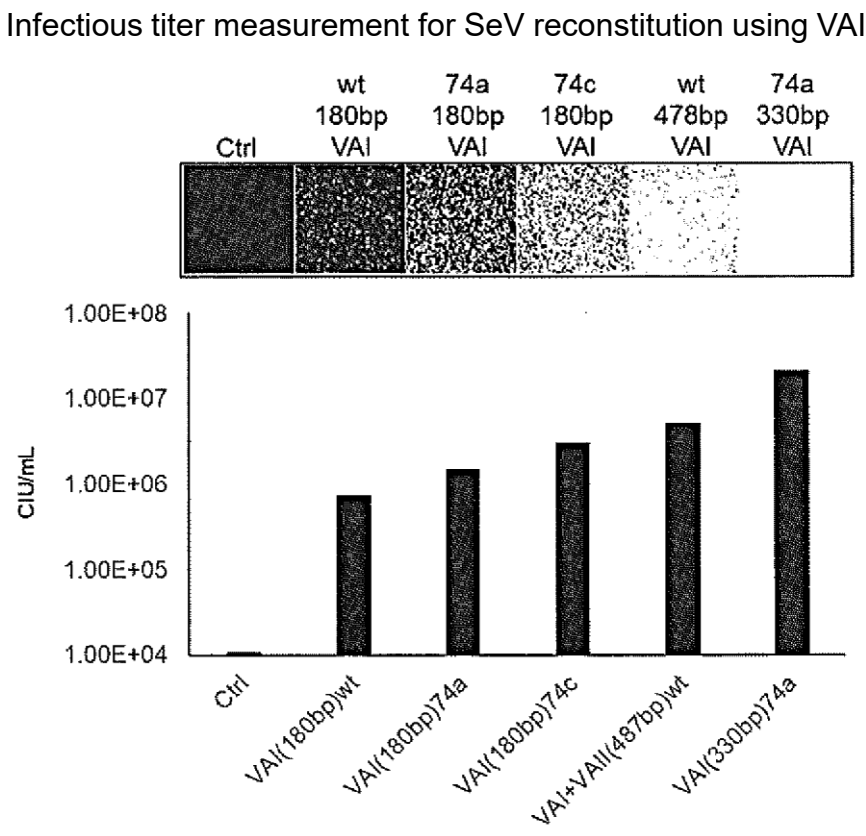


FIG. 4

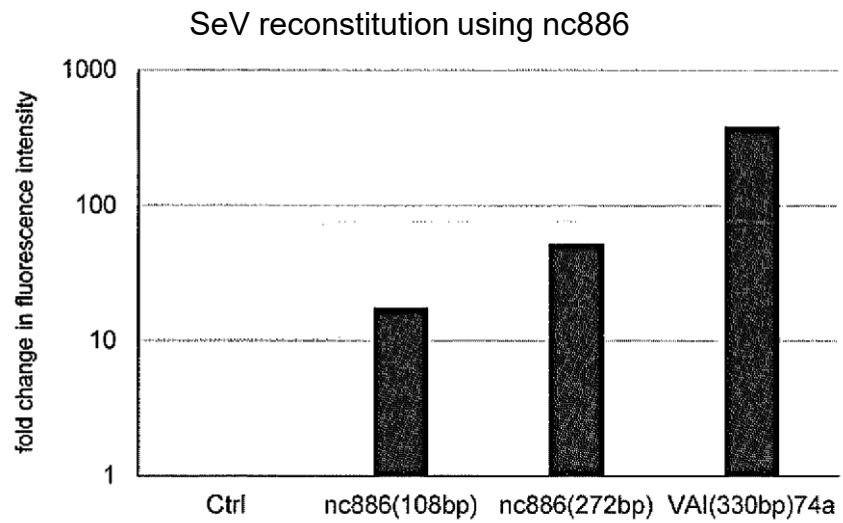


FIG. 5

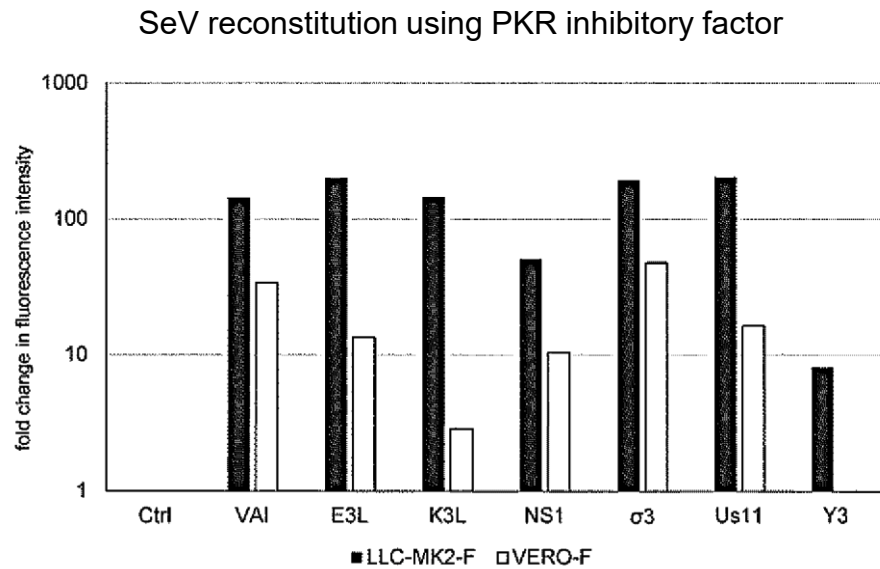


FIG. 6

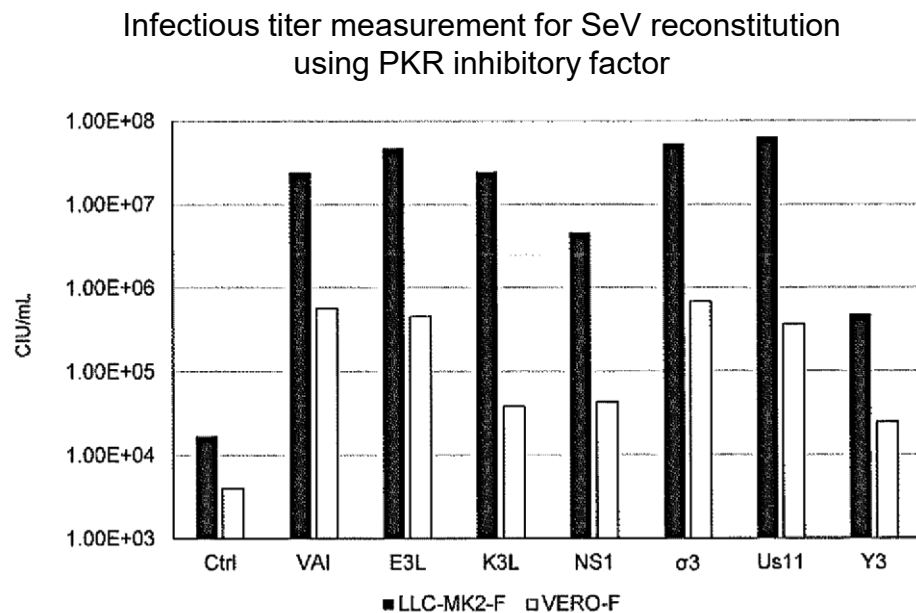


FIG. 7

SeV reconstitution using fusion sequence of PKR inhibitory factor

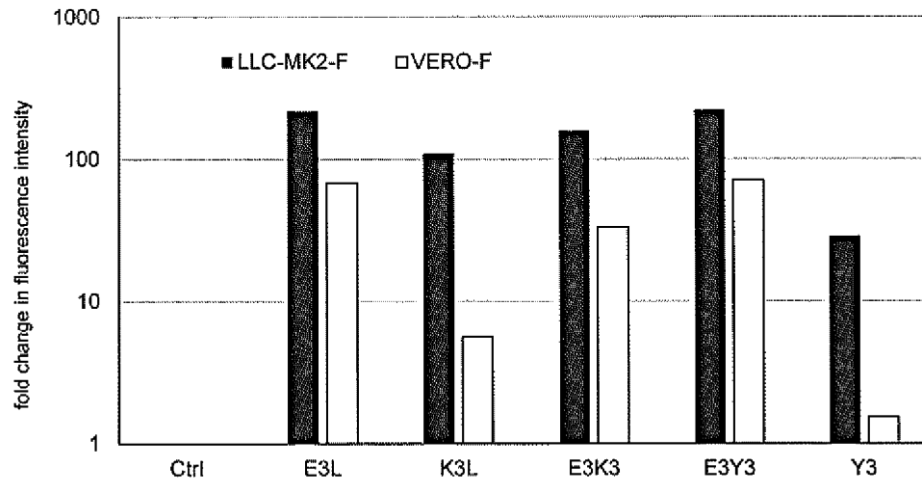


FIG. 8

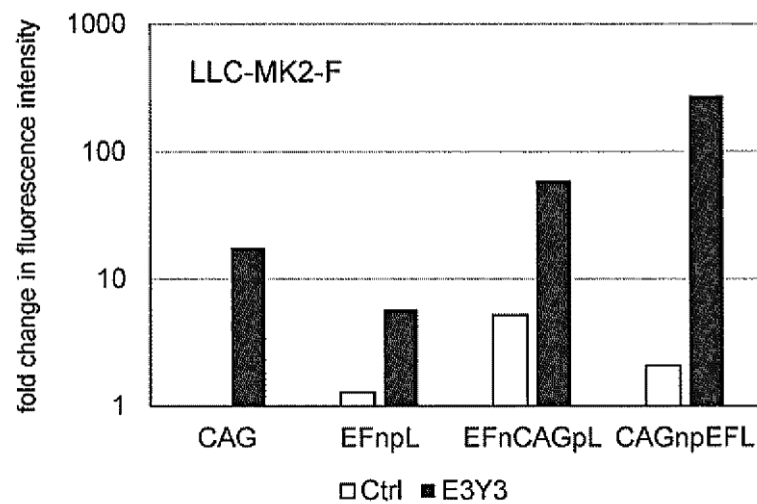
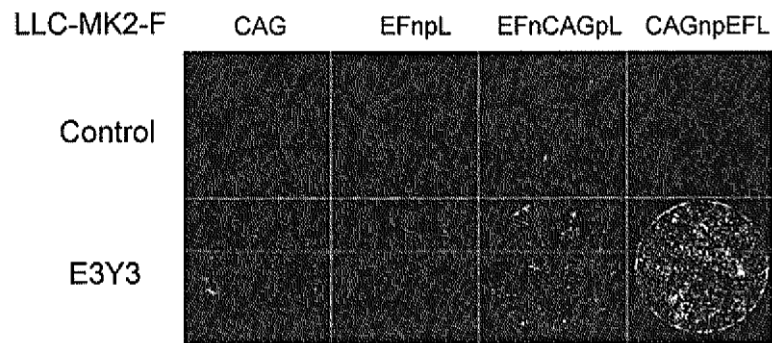


FIG. 9

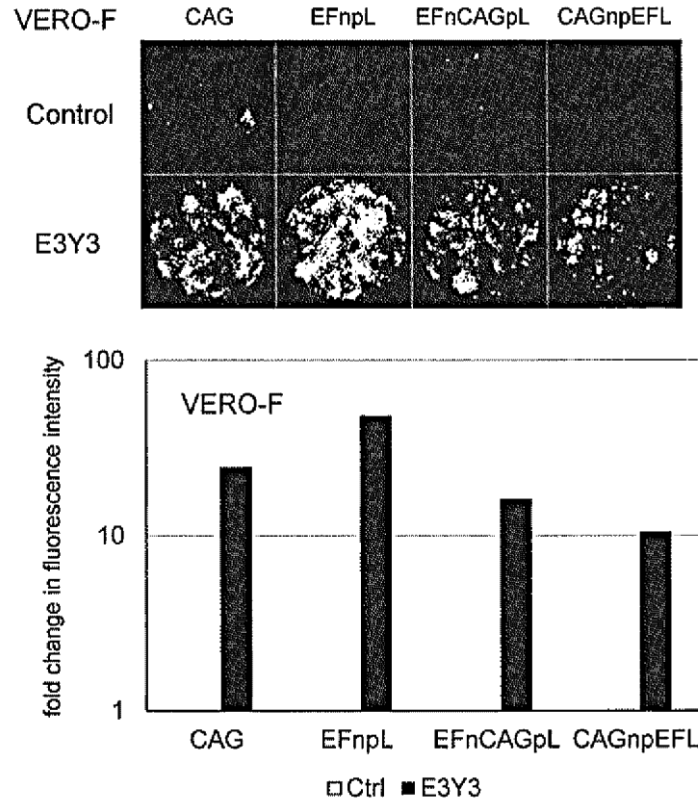


FIG. 10

SeV reconstitution using combination of PKR inhibitory factors

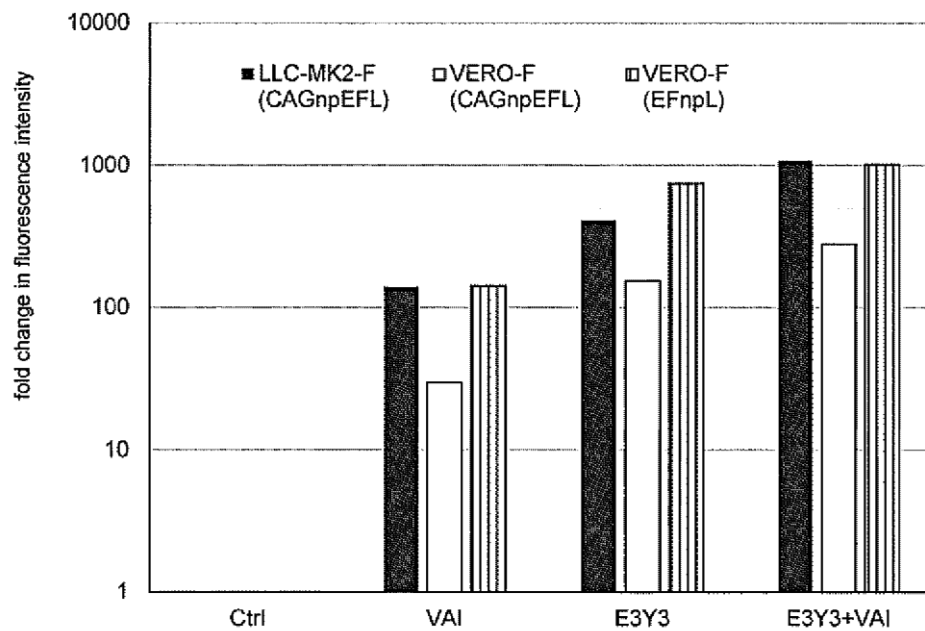


FIG. 11

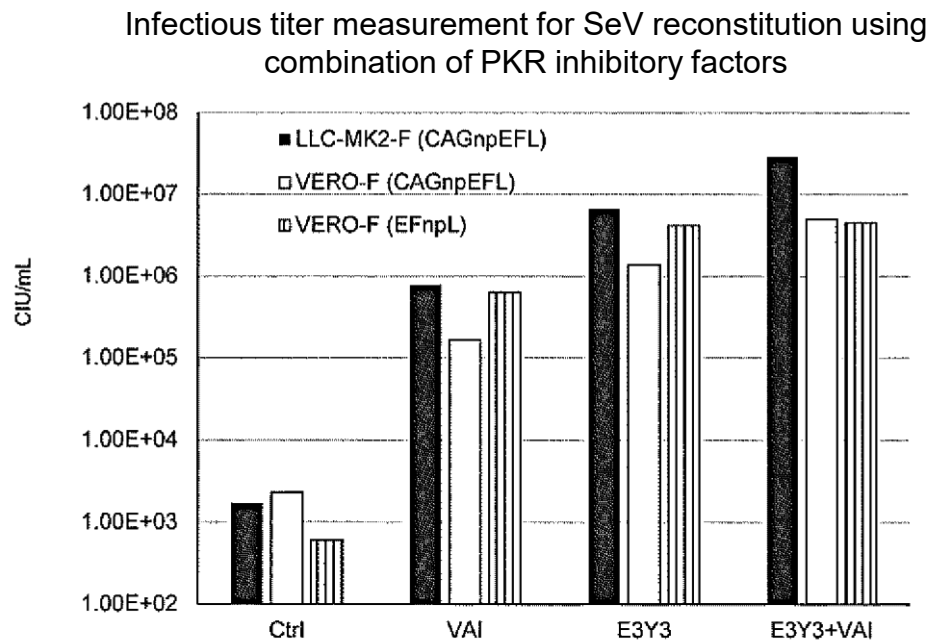


FIG. 12

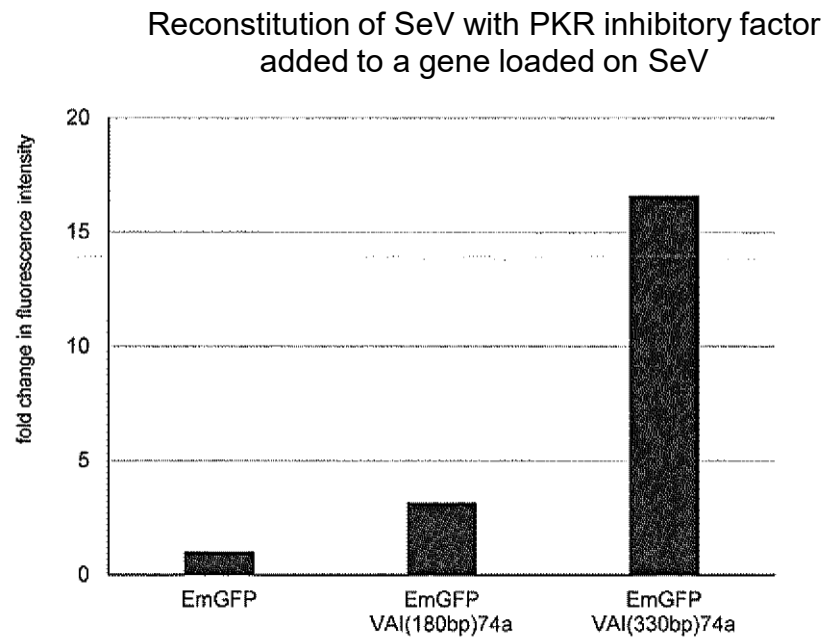


FIG. 13

Infectious titer measurement for reconstitution of SeV with
PKR inhibitory factor added to a gene loaded on SeV

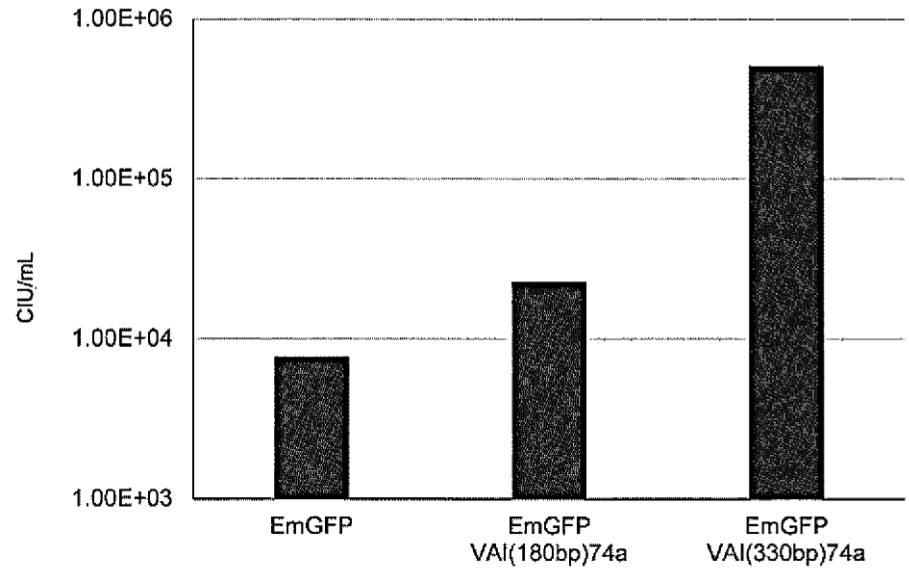


FIG. 14

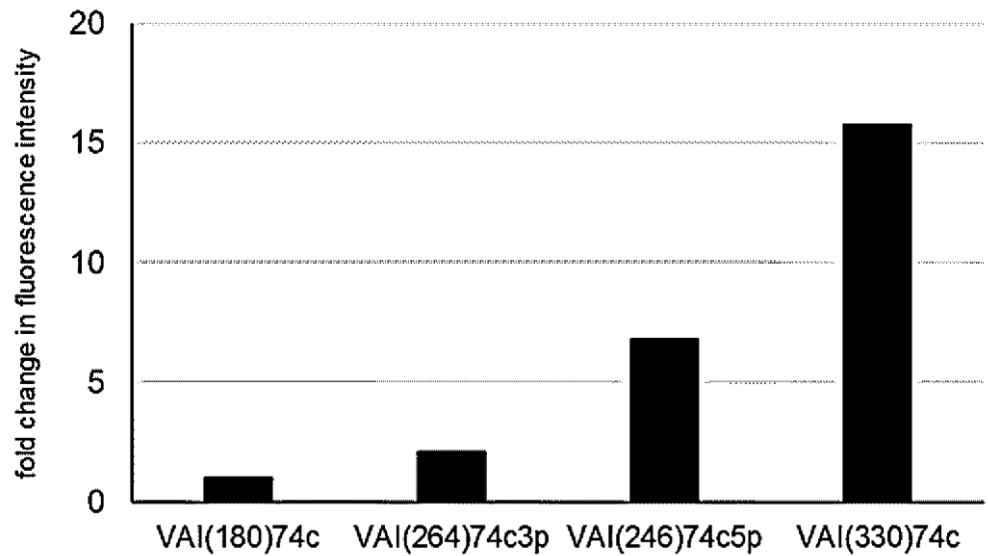


FIG. 15

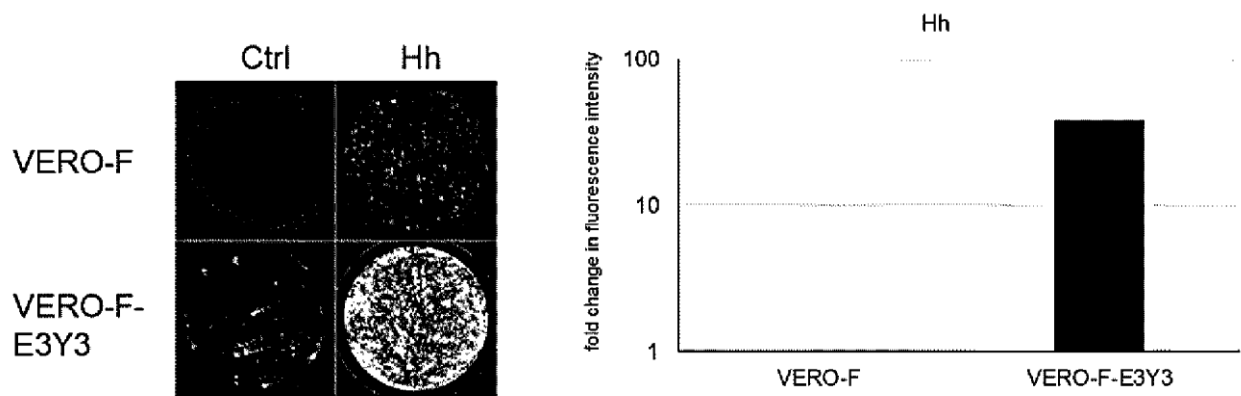


FIG. 16

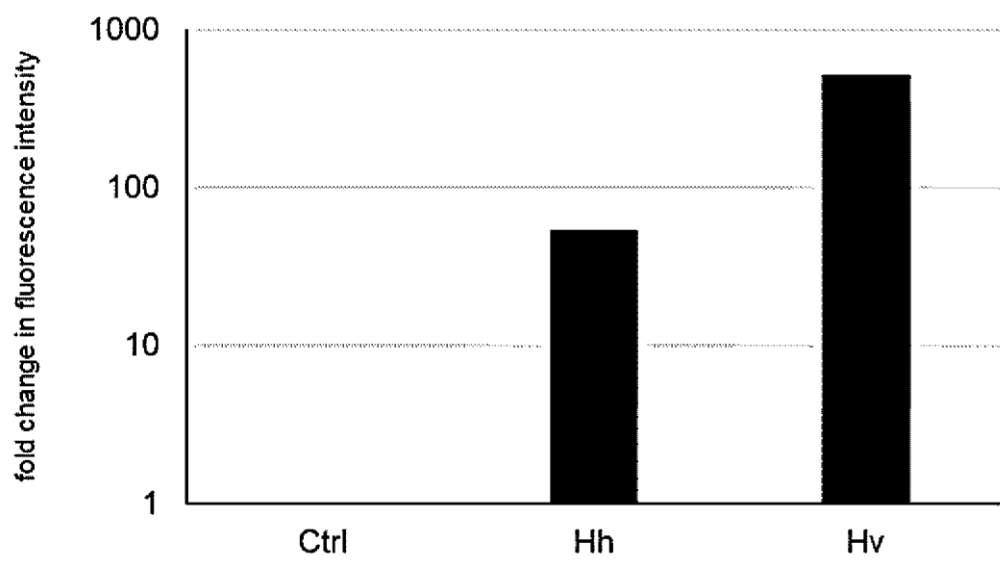


FIG. 17

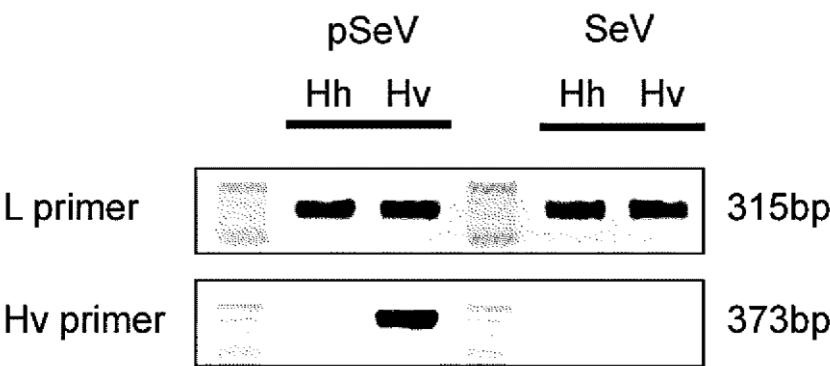


FIG. 18

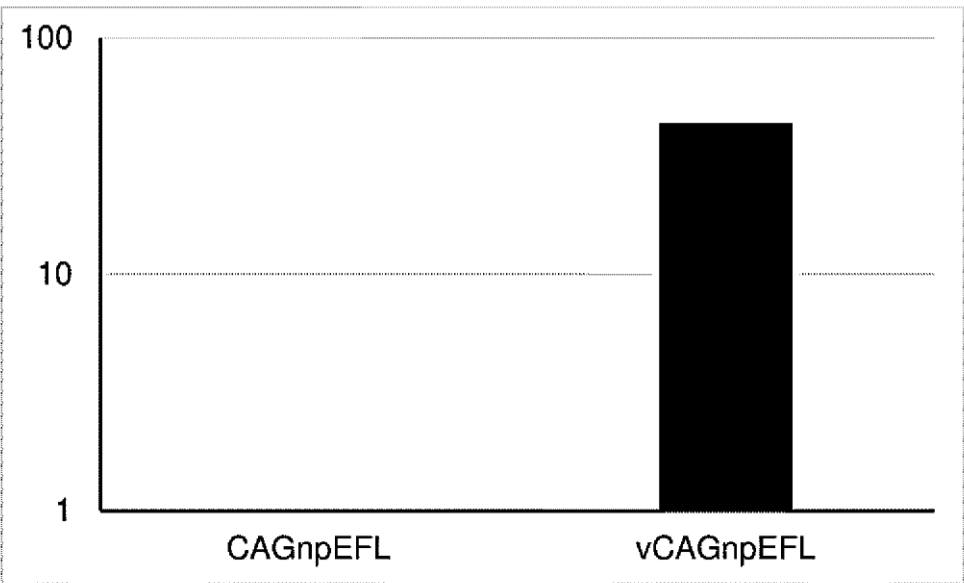


FIG. 19

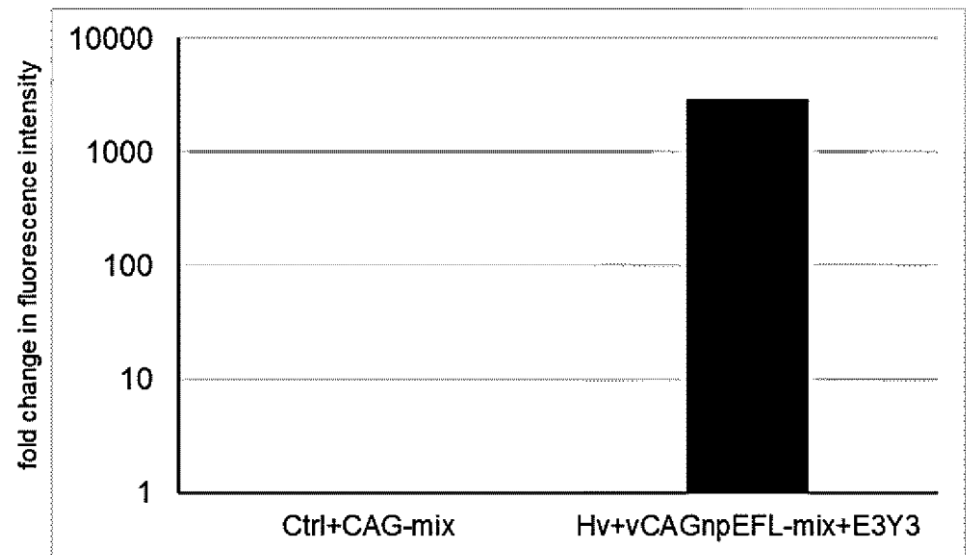


FIG. 20

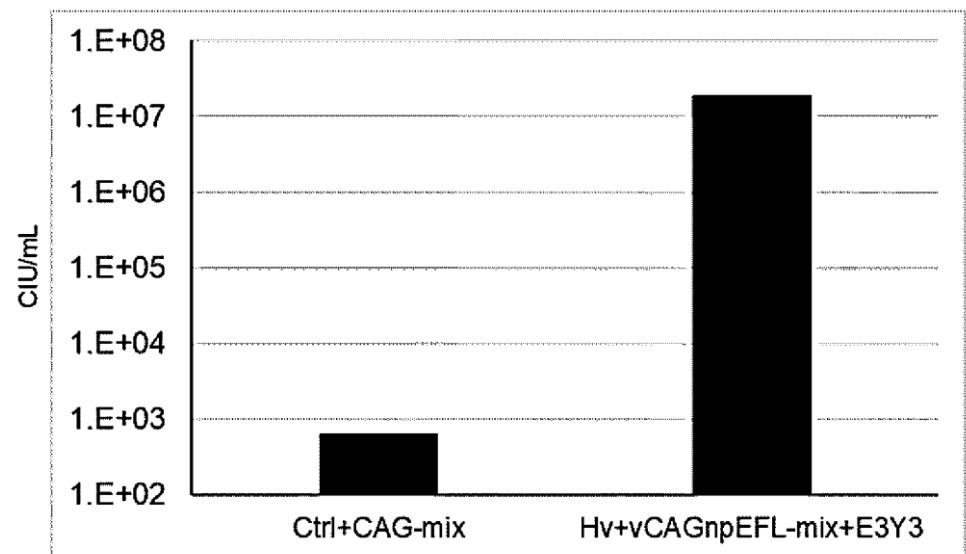


FIG. 21A

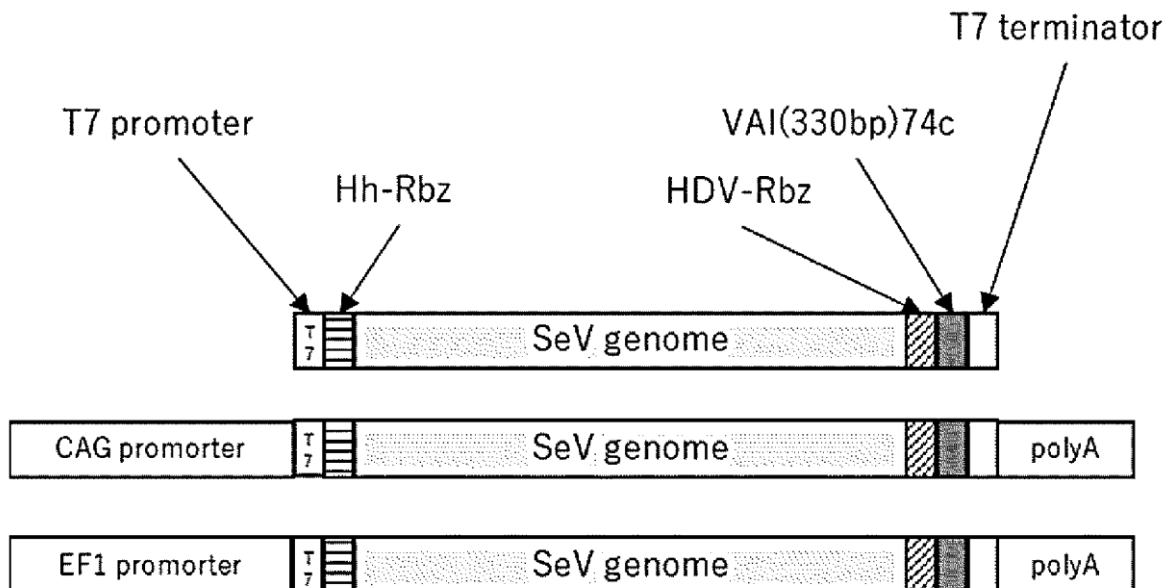


FIG. 21B

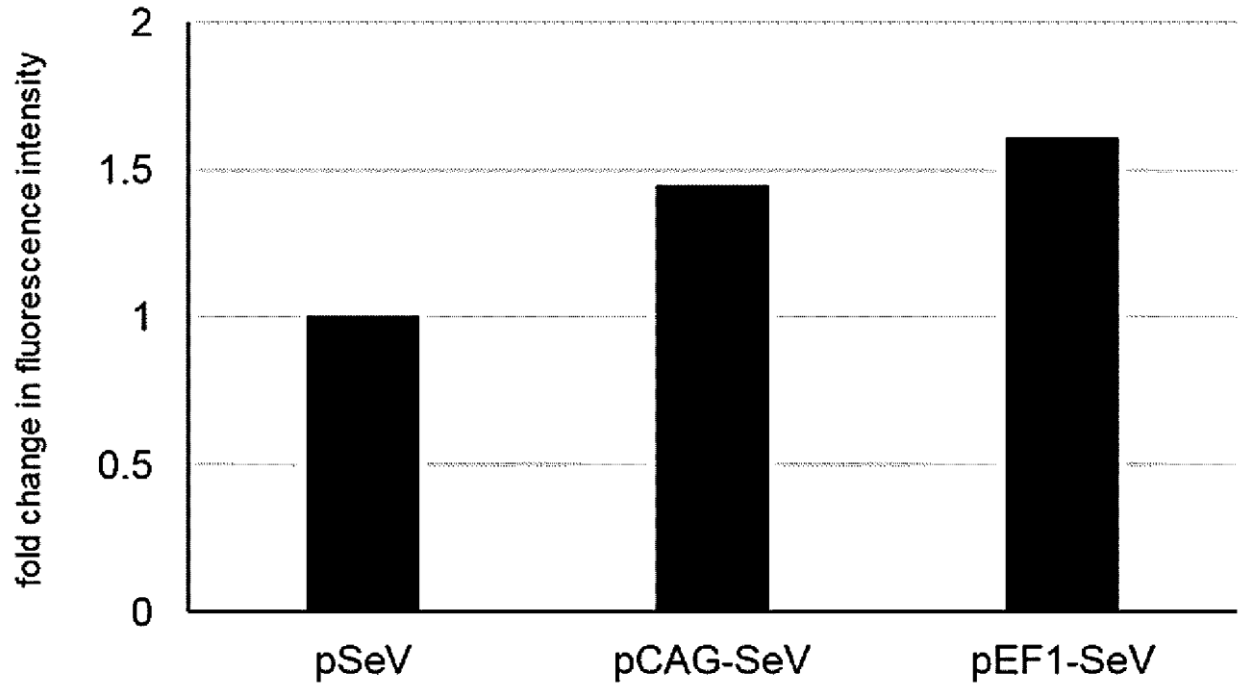


FIG. 22

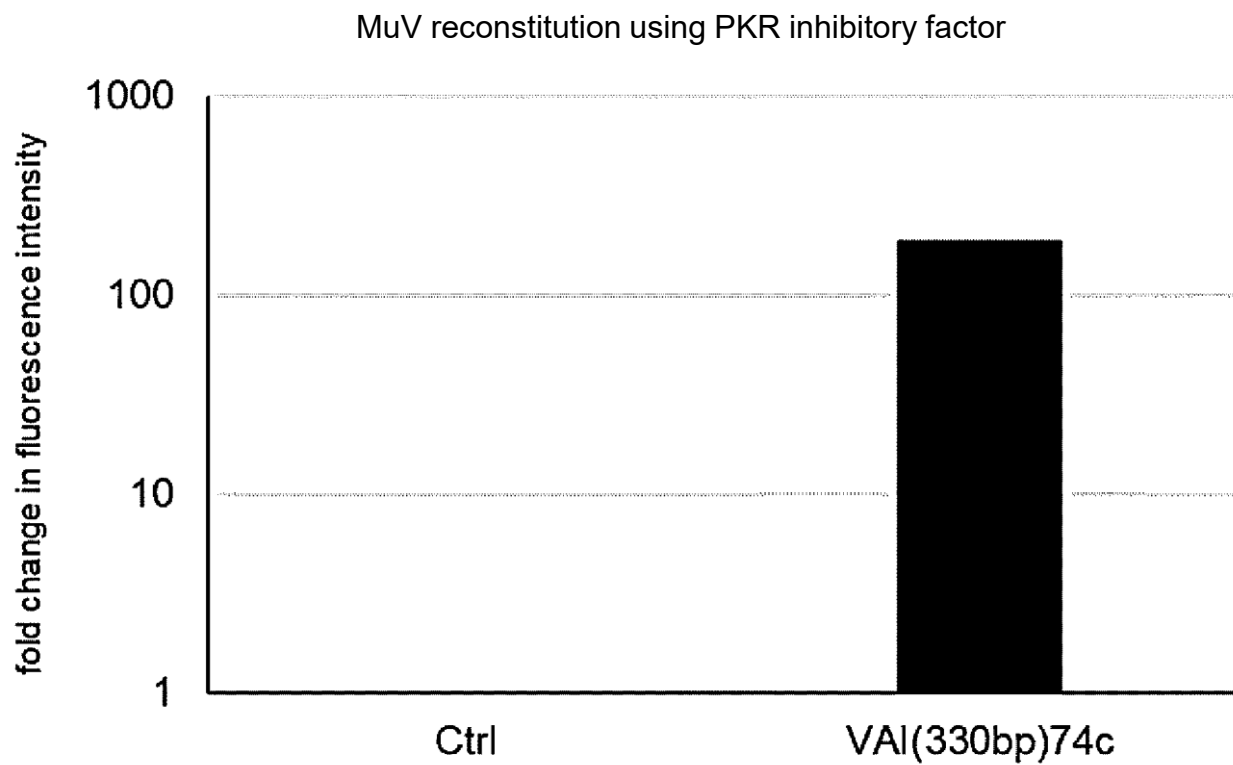


FIG. 23

MeV reconstitution using PKR inhibitory factor

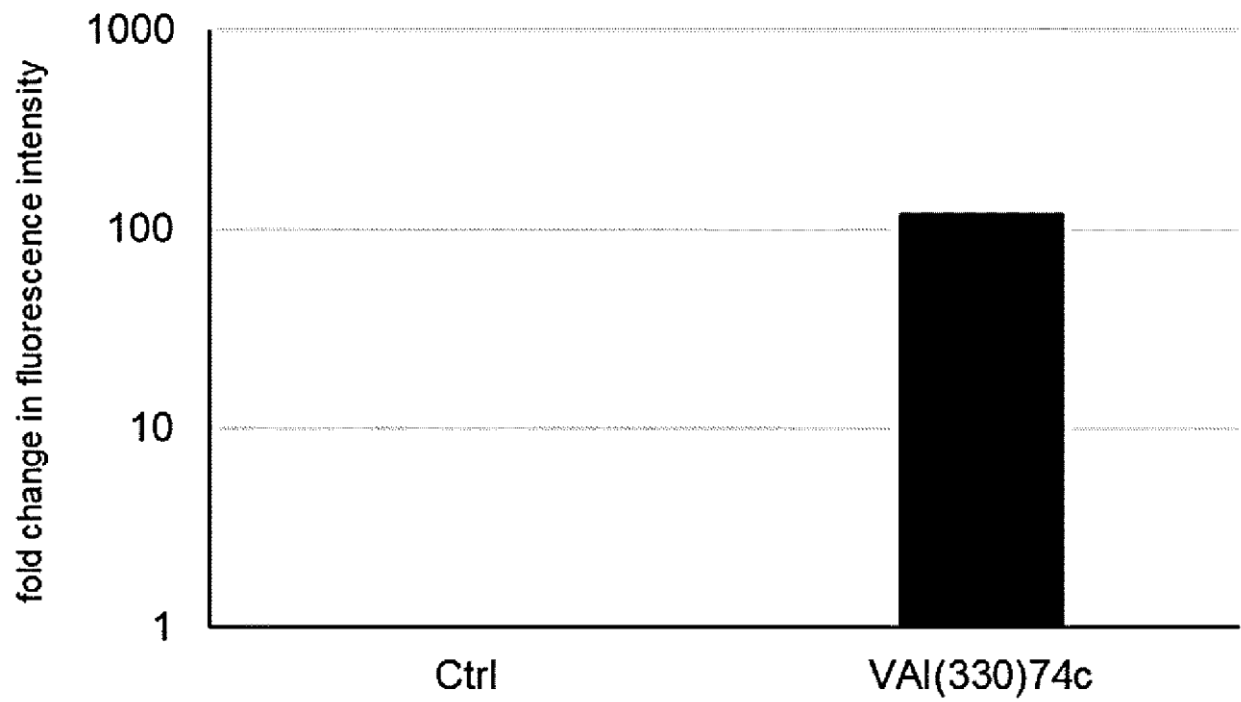


FIG. 24

VSV reconstitution using PKR inhibitory factor

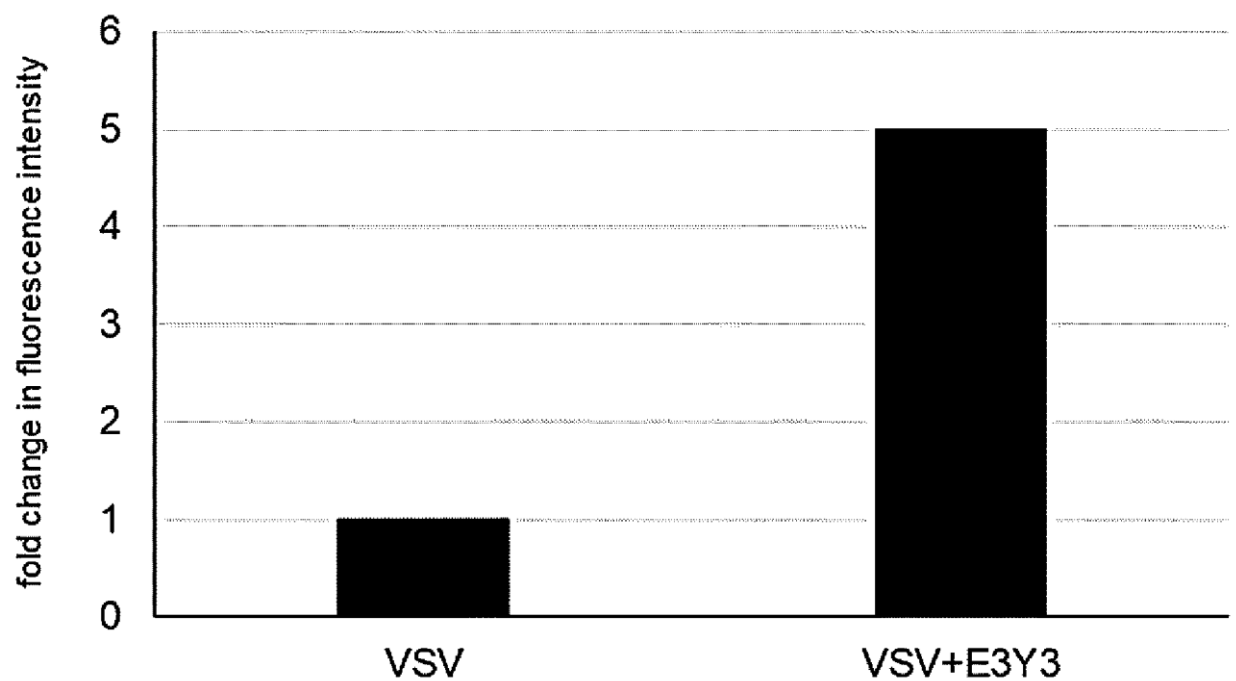


FIG. 25

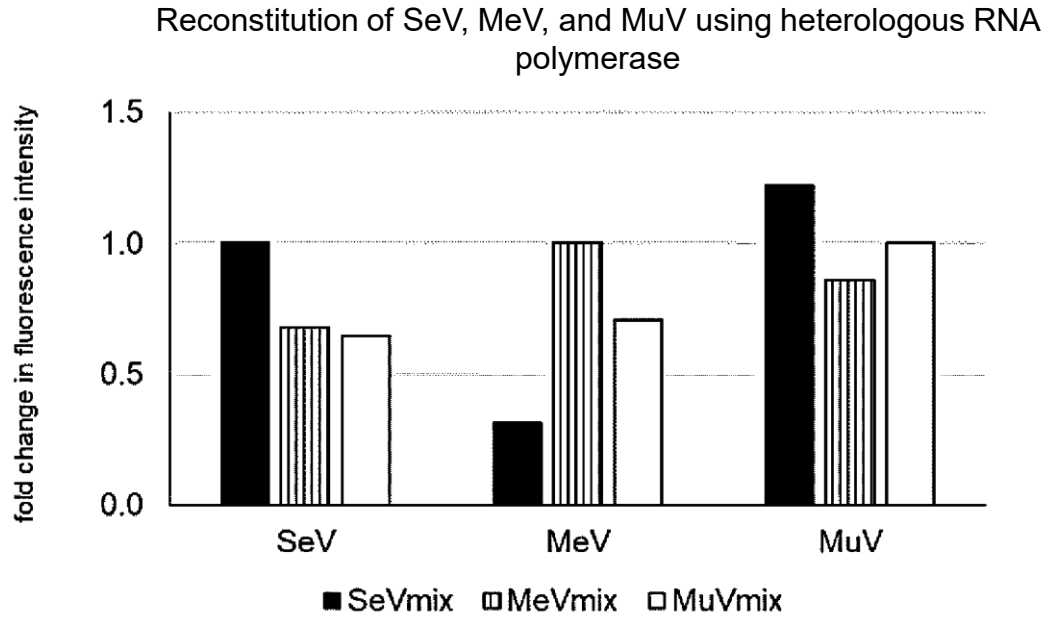


FIG. 26

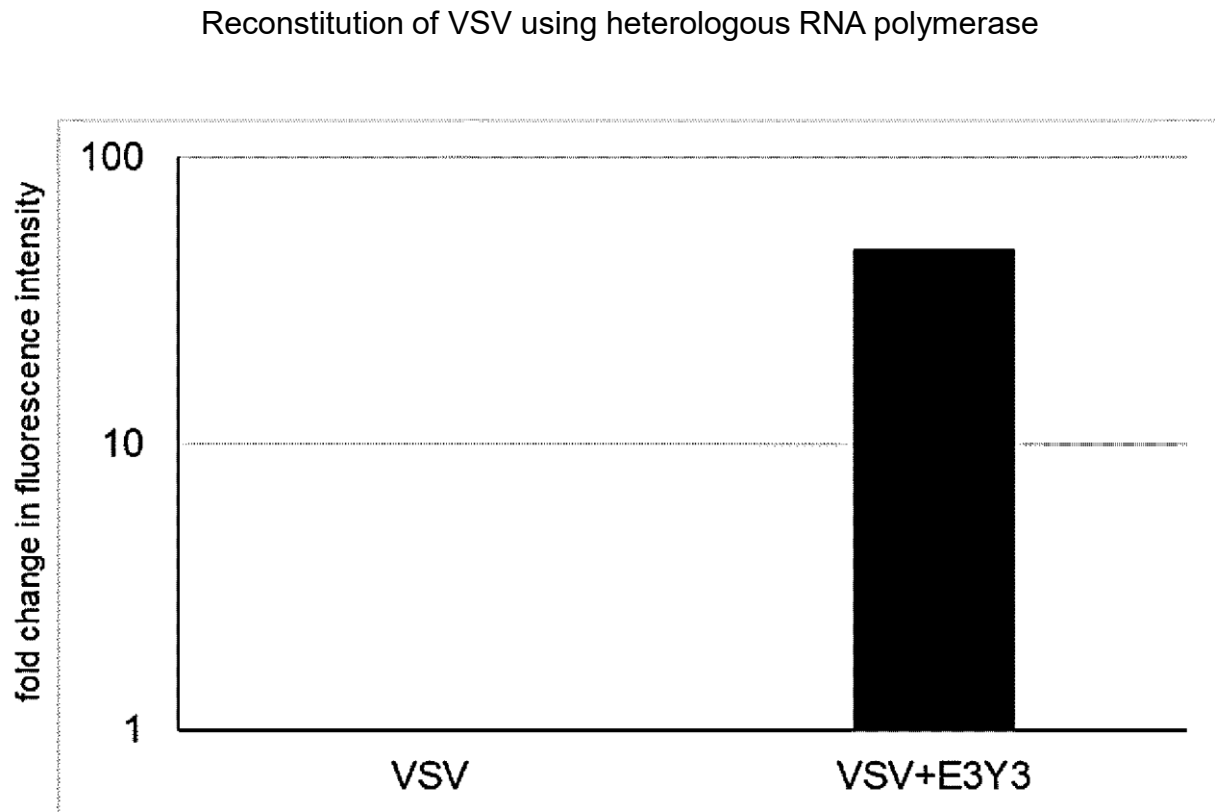


FIG. 27A

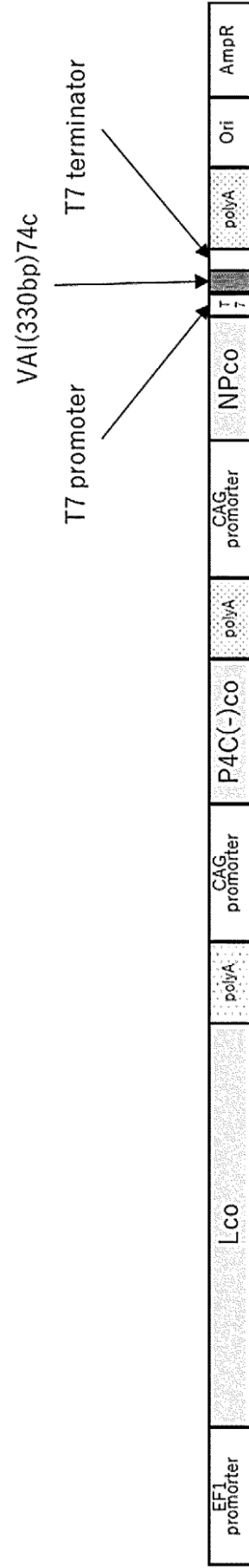


FIG. 27B

