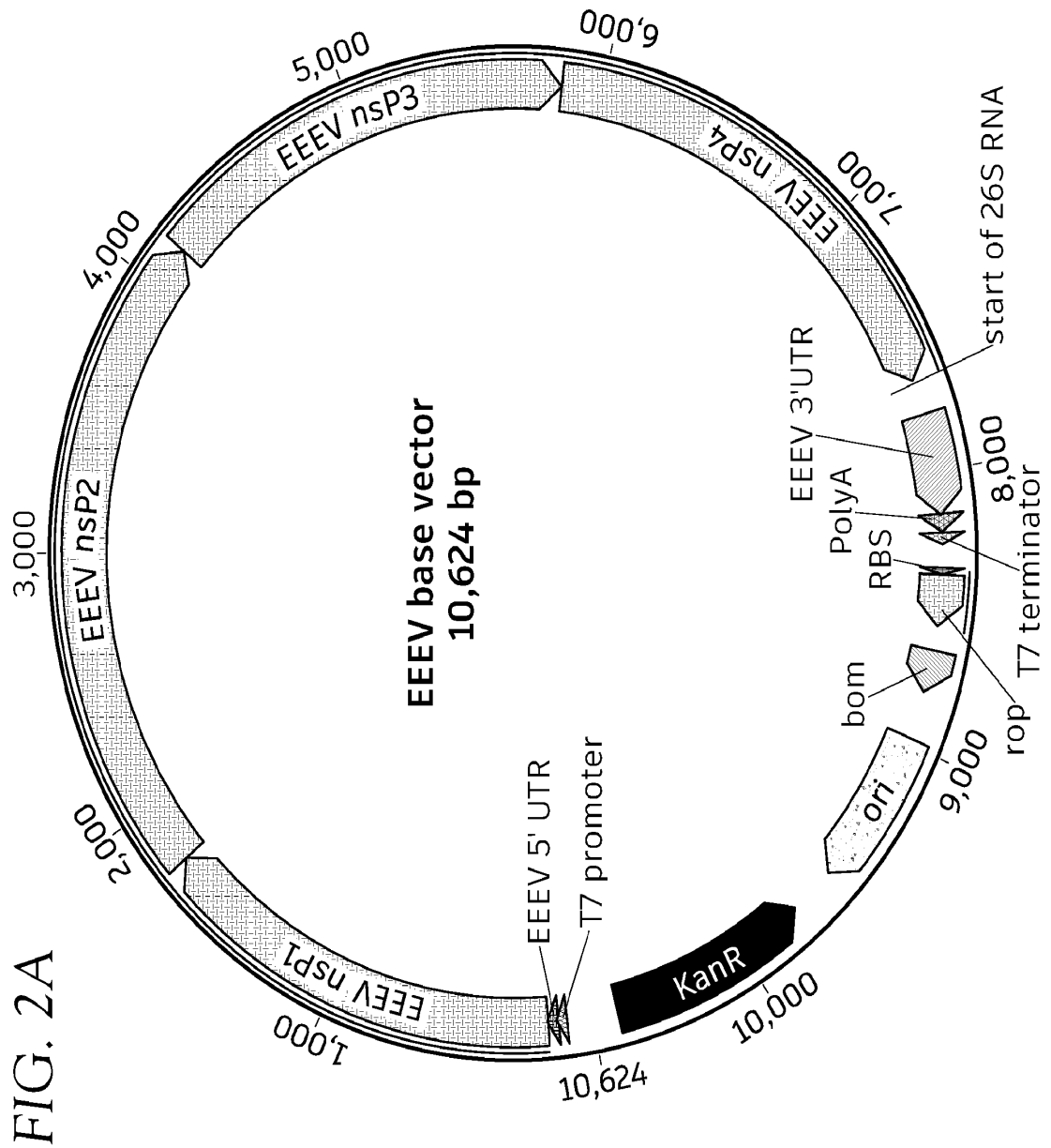
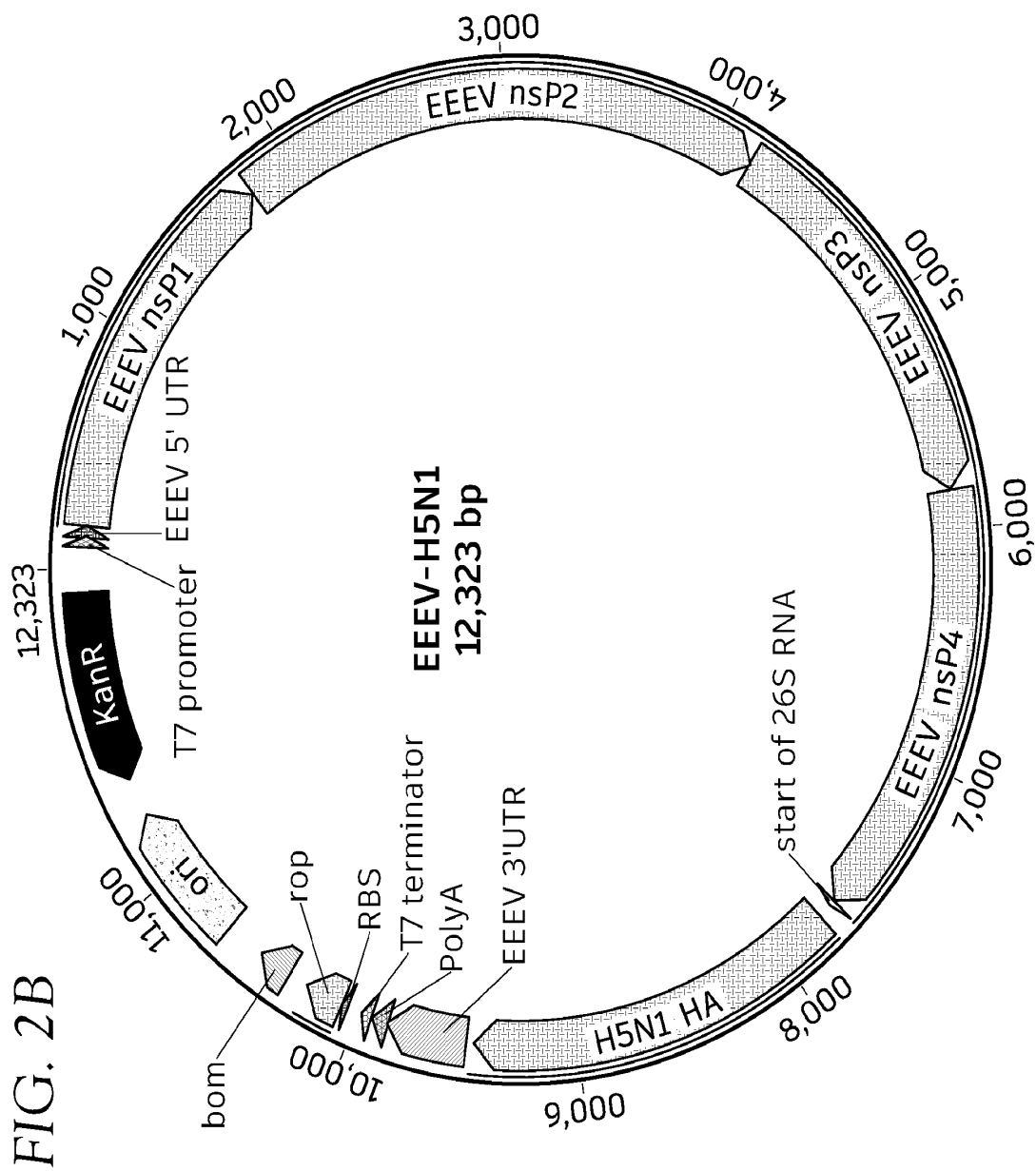


FIG. 1





Modified EEEV vectors from FL93-939 strain are viable replicons

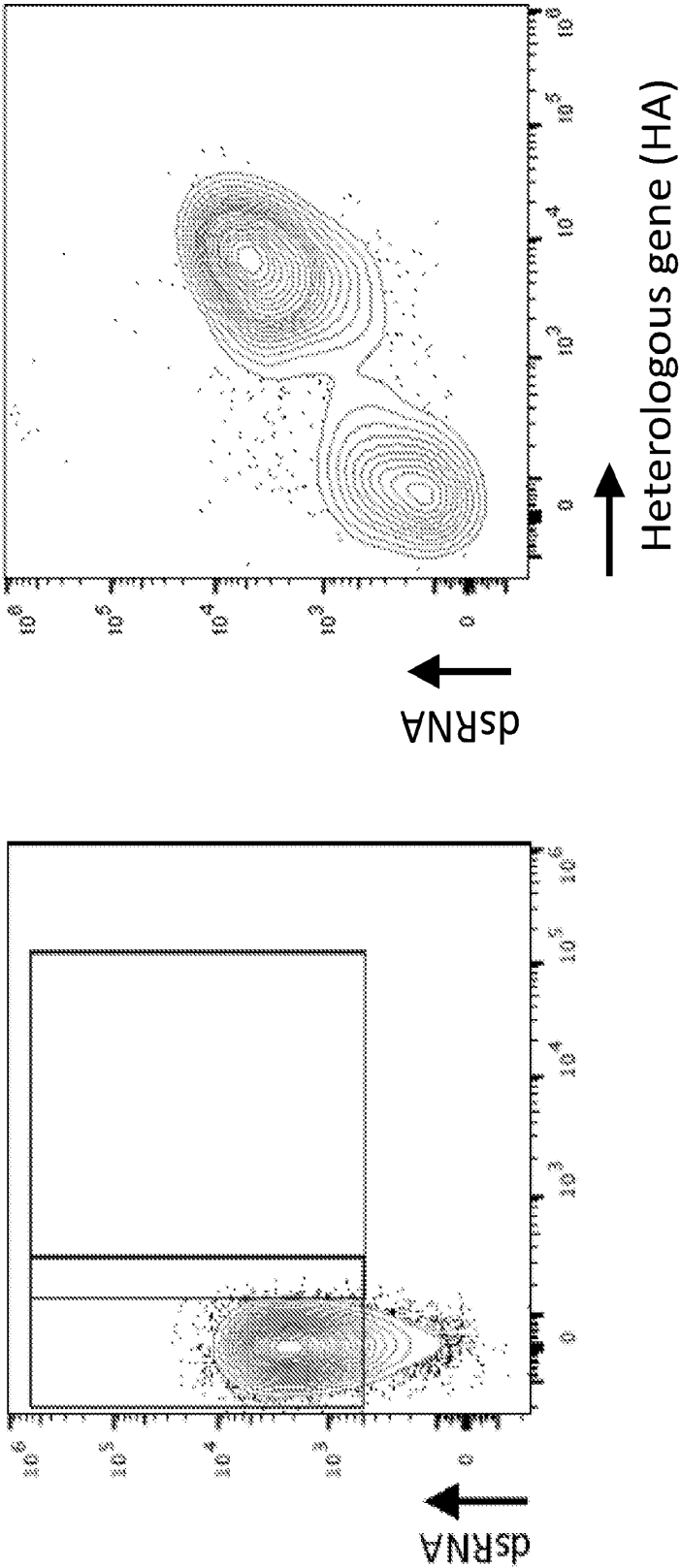


FIG. 3A

FIG. 3B

Modified EEEV vectors are useful for expression of bioactive proteins



FIG. 4A

Modified EEEV vectors are useful for expression of bioactive proteins

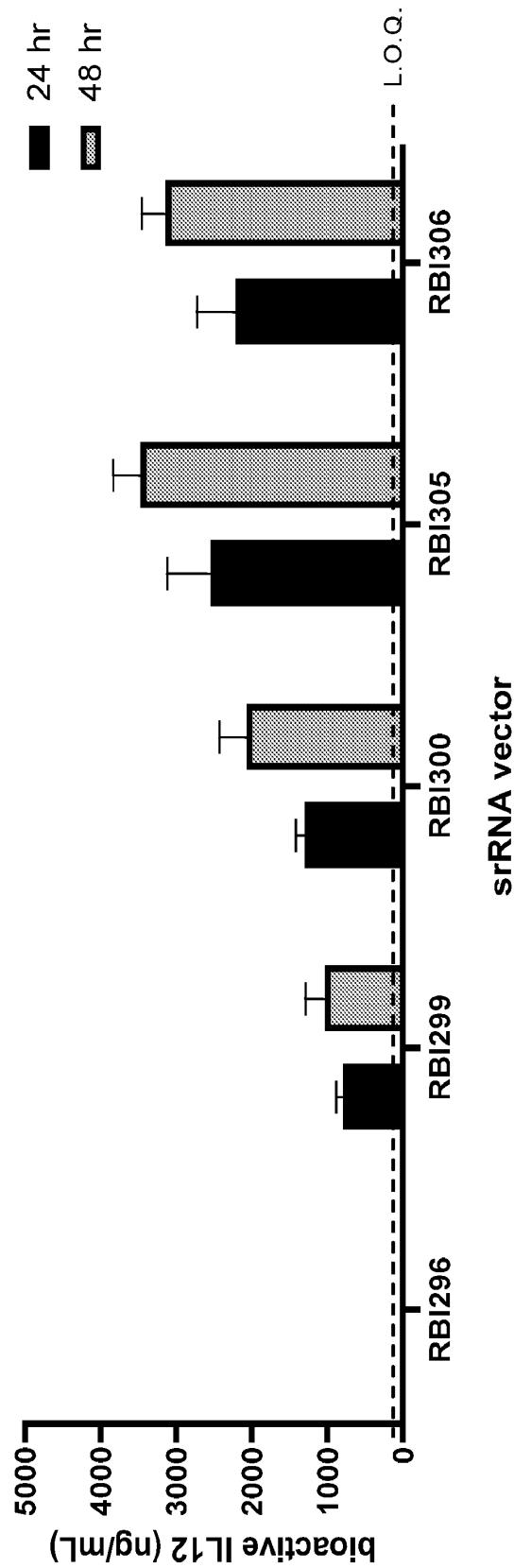
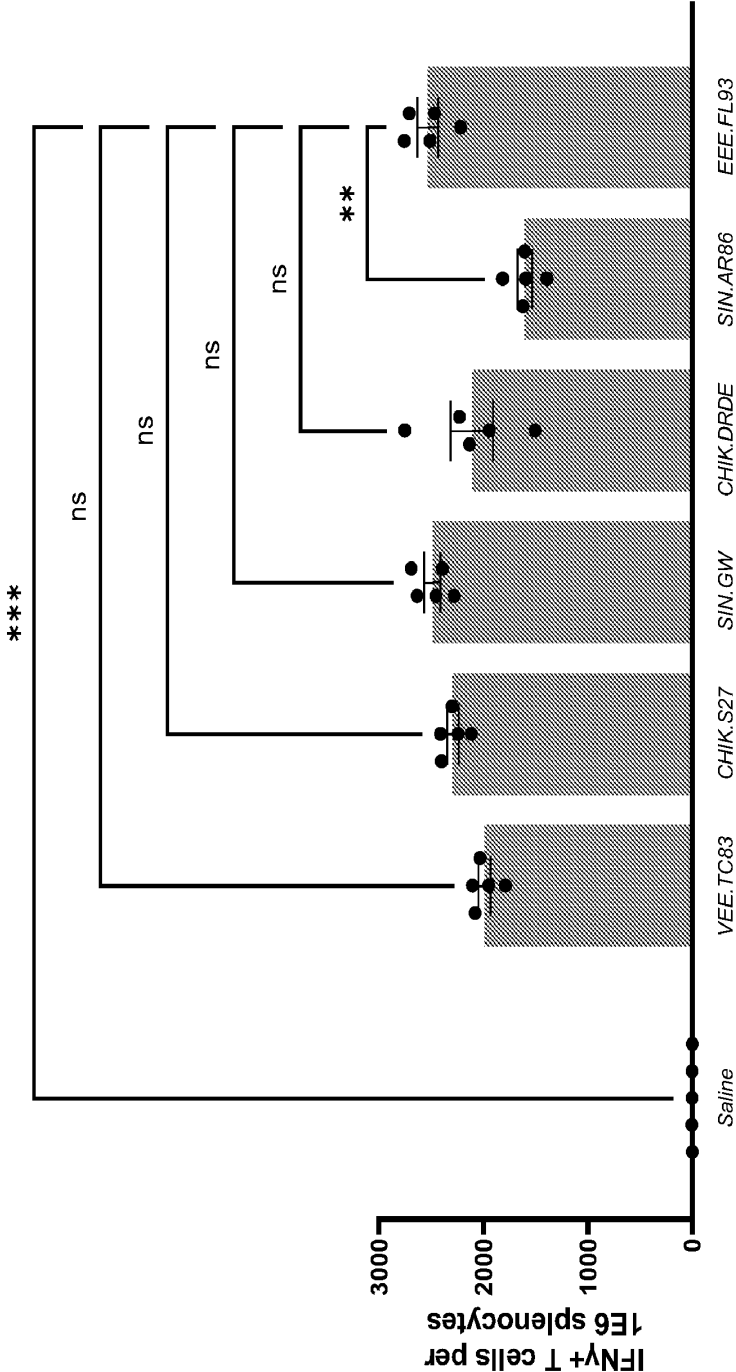


FIG. 4B

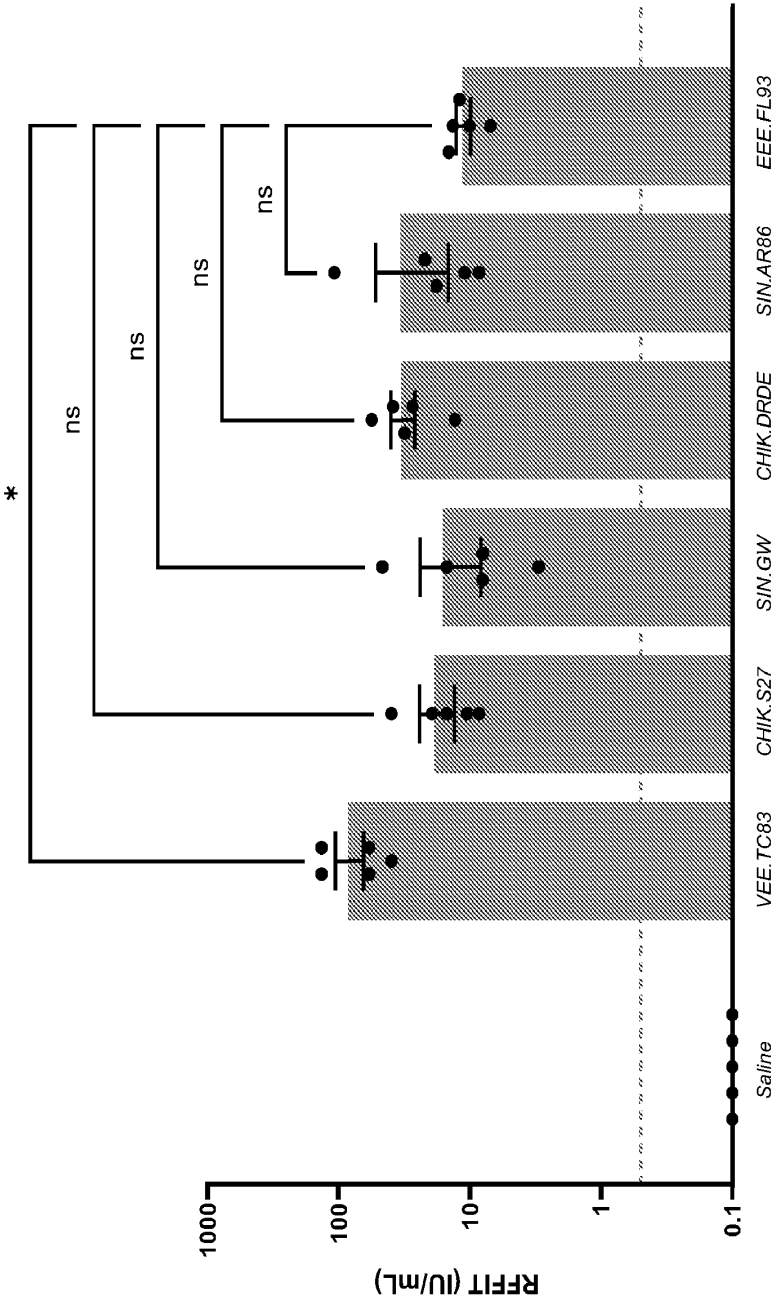
Immunogenicity of different srRNA vectors expressing viral antigens



Peptide stimulation pool: rabies glycoprotein G
Display: Symbols represent individual animals, bars represent mean with SEM
Statistics: Kruskal-Wallis test

FIG. 5A

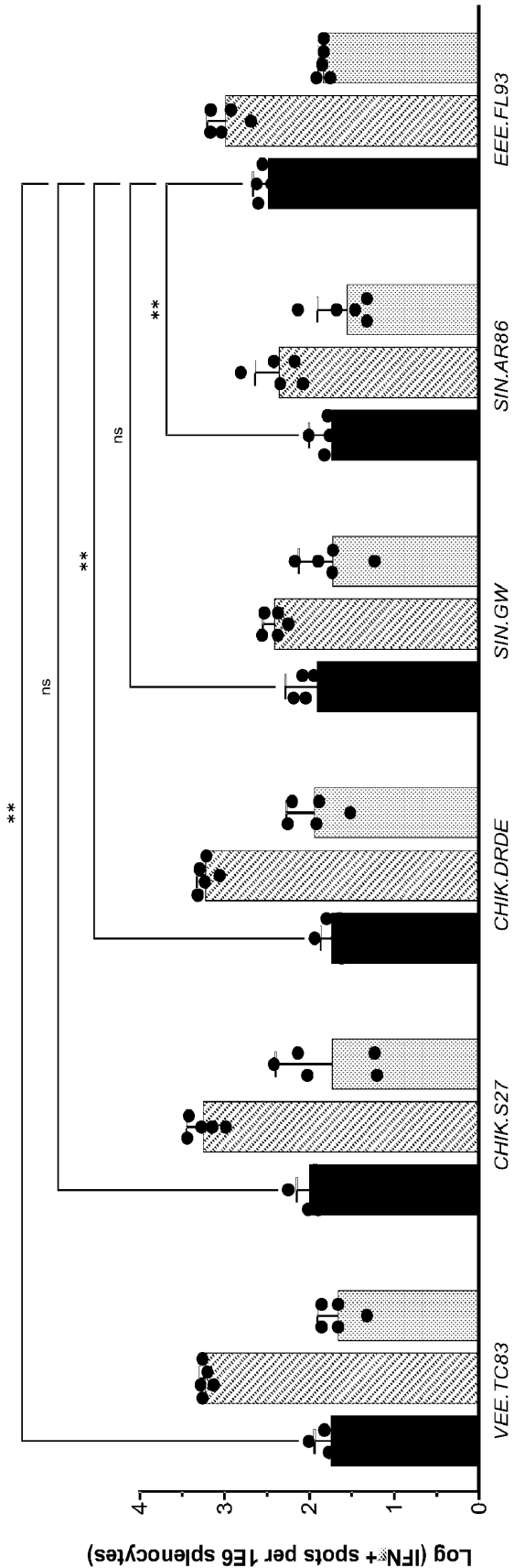
Immunogenicity of different srRNA vectors expressing viral antigens



Dashed line represents 0.5 IU/ml protective titer
Display: Symbols represent individual animals, bars represent geometric mean with geometric SD
Statistics: Kruskal-Wallis test

FIG. 5B

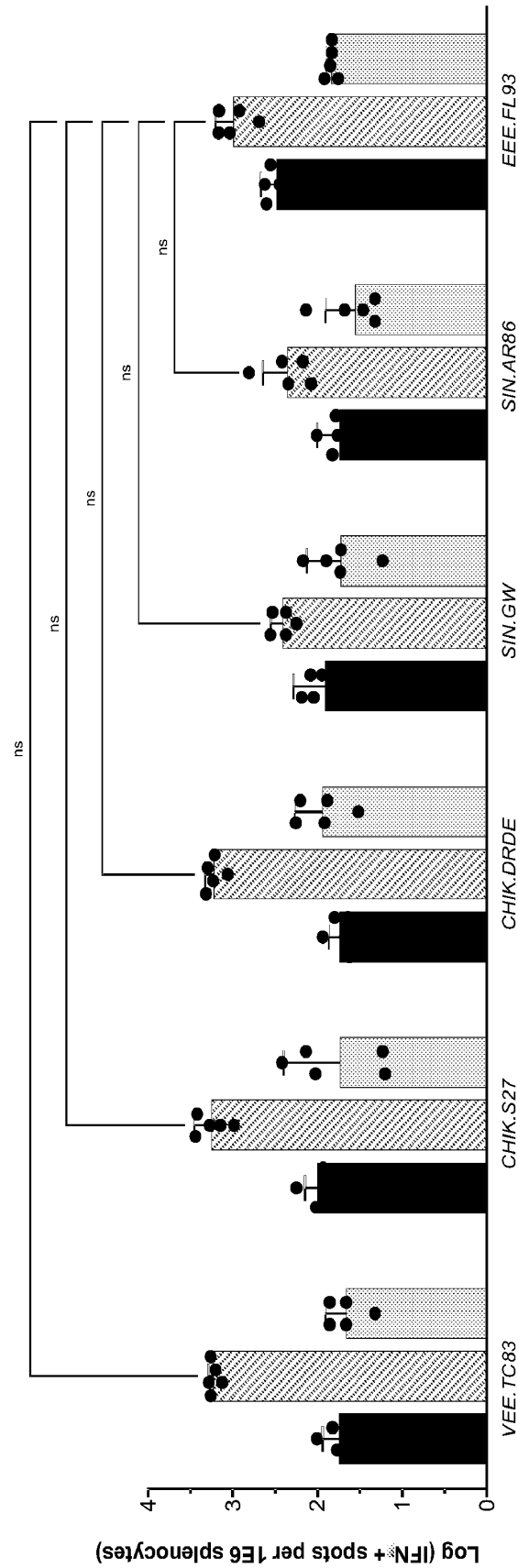
Immunogenicity of different srRNA vectors expressing cancer-associated antigens



Peptide stimulation pool: ESR1, HER2 (hatched), HER3
Display: Symbols represent individual animals, bars represent geometric mean with geometric SD
Statistics: Kruskal-Wallis test

FIG. 6A

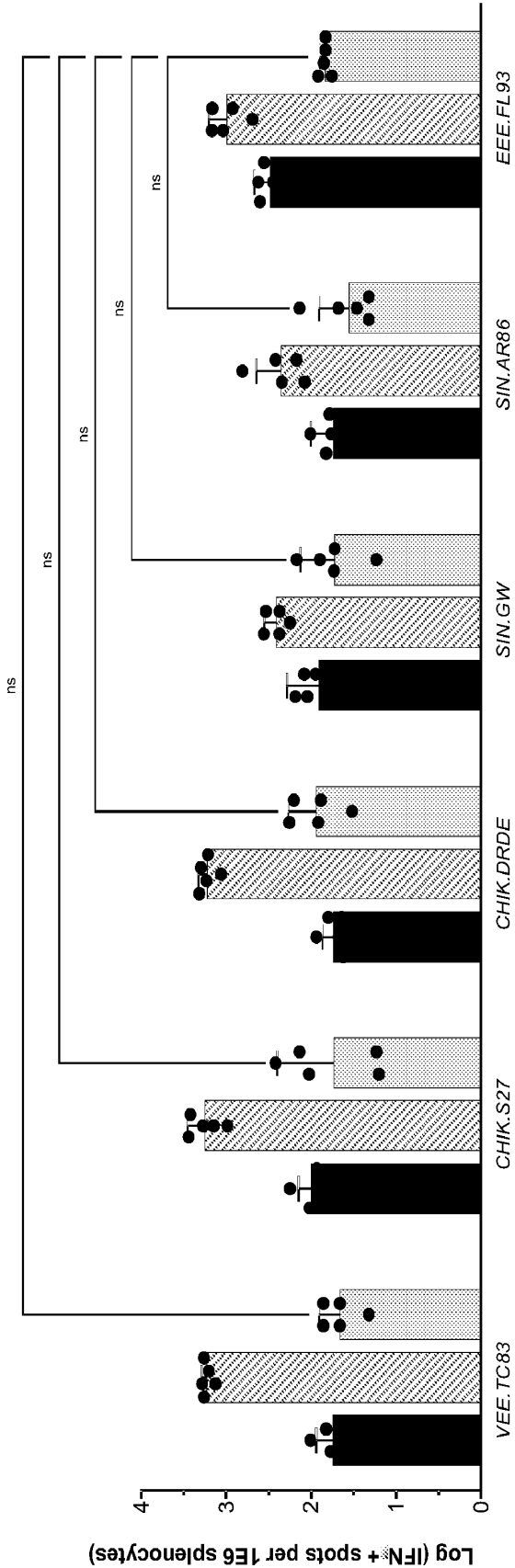
Immunogenicity of different srRNA vectors expressing cancer-associated antigens



Peptide stimulation pool: ESR1, HER2 (hatched), HER3
Display: Symbols represent individual animals, bars represent geometric mean with geometric SD
Statistics: Kruskal-Wallis test

FIG. 6B

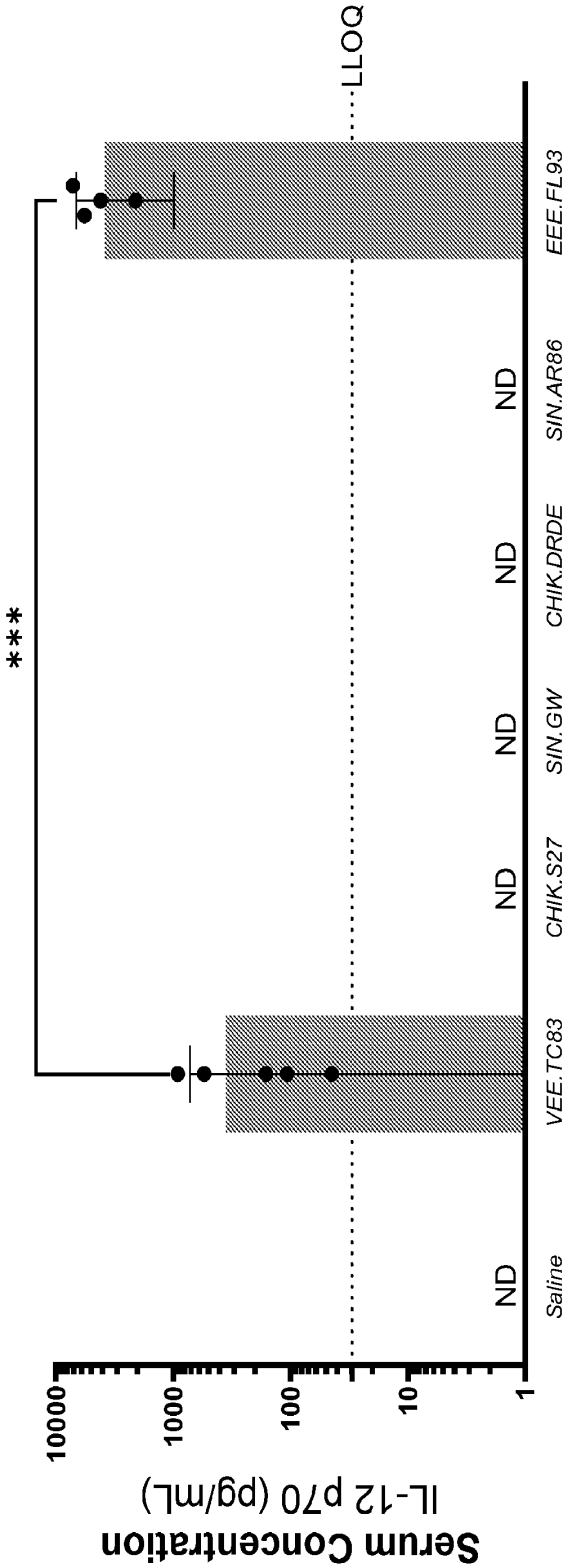
Immunogenicity of different srRNA vectors expressing cancer-associated antigens



Peptide stimulation pool: ESR1, HER2 (hatched), HER3
Display: Symbols represent individual animals, bars represent geometric mean with geometric SD
Statistics: Kruskal-Wallis test

FIG. 6C

In vivo expression of exemplary biotherapeutic protein from different srRNA vectors

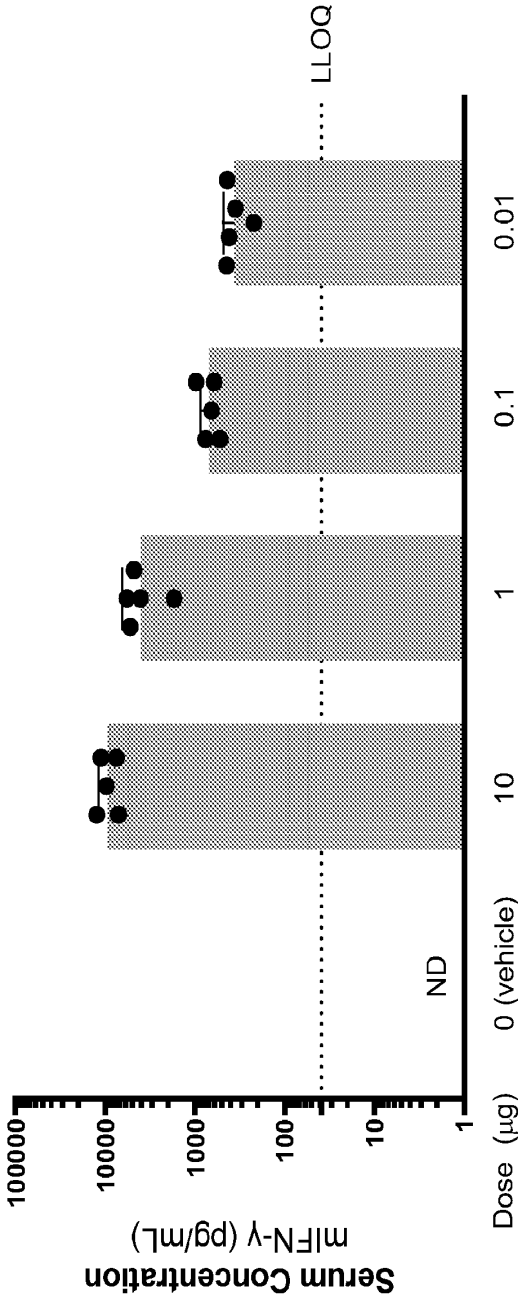


ND: not detected
LLOQ: Lower limit of quantitation of assay

Display: Symbols represent individual animals, bars represent geometric mean with geometric SD
Statistics: Kruskal-Wallis test

FIG. 7

In vivo detection of a pharmacodynamic marker as a functional outcome of a biotherapeutic protein encoded by an EEEV-based srRNA vector



LLOQ: Lower limit of quantitation of assay
ND: Not detected

Display: Symbols represent individual animals, bars represent geometric mean with geometric SD

FIG. 8