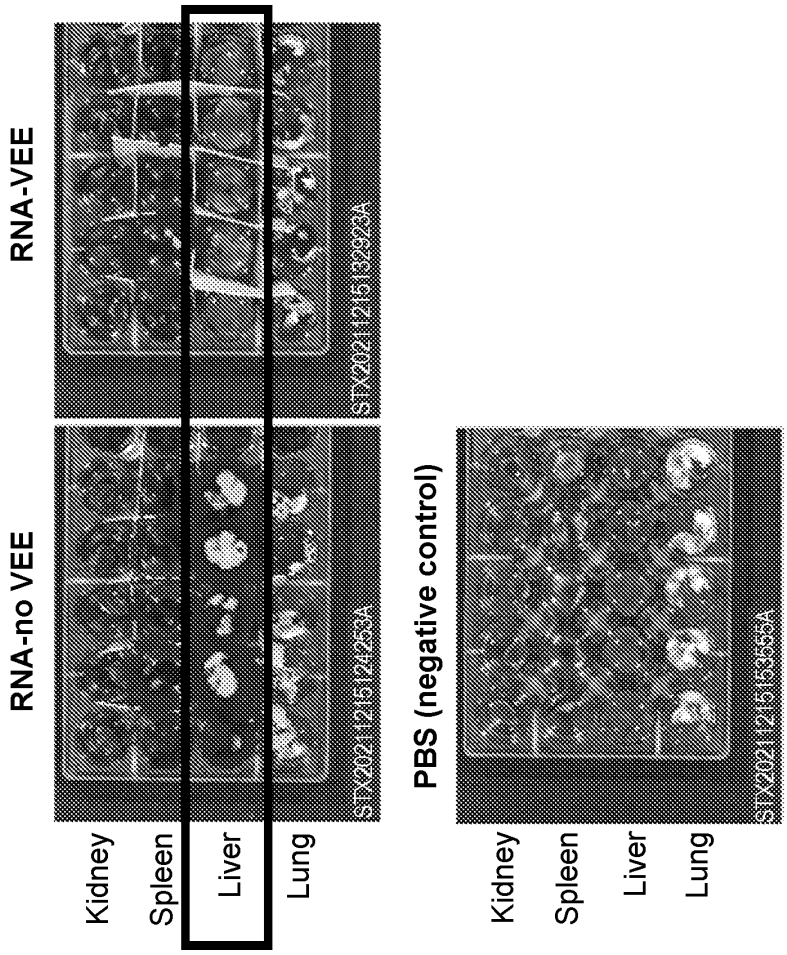

RNA-VEE
RNA-no VEE
PBS (negative control)
Kidney
Spleen
Liver
Lung
Kidney
Spleen
Liver
Lung

FIG. 1

FIG. 2A

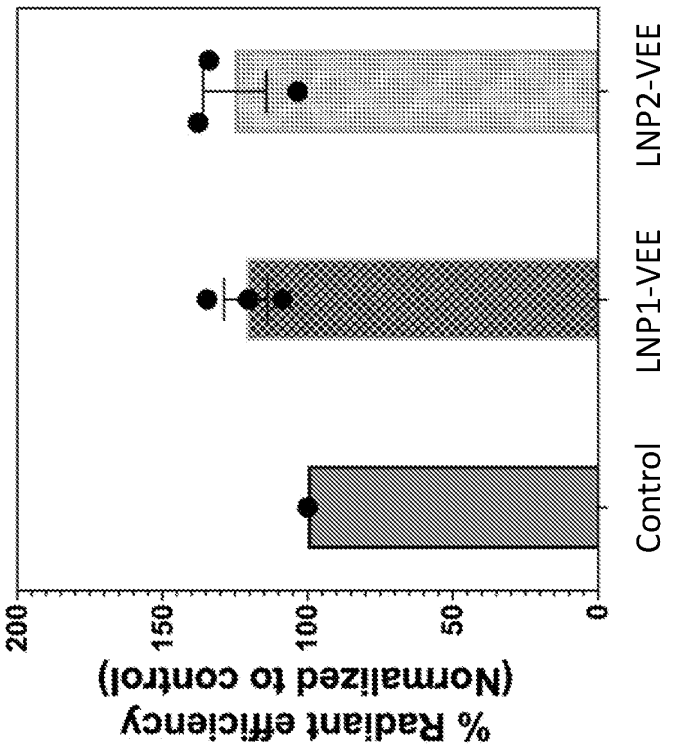

% Radiant efficiency
(Normalized to control)
200
150
100
50
0
Control
LNP1-VEE
LNP2-VEE

FIG. 2B

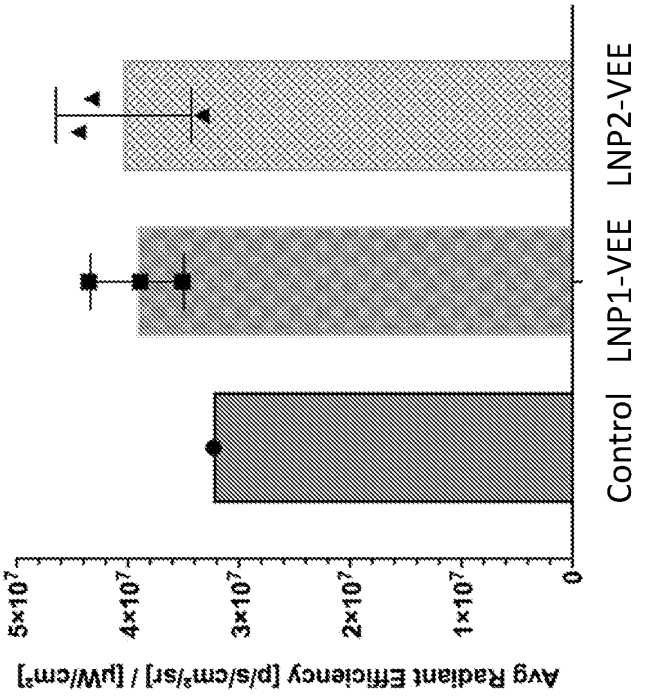

Avg Radiant Efficiency [p/s/cm²/sr] / [μW/cm²]
5×10⁷
4×10⁷
3×10⁷
2×10⁷
1×10⁷
0
Control
LNP1-VEE
LNP2-VEE

FIG. 3A

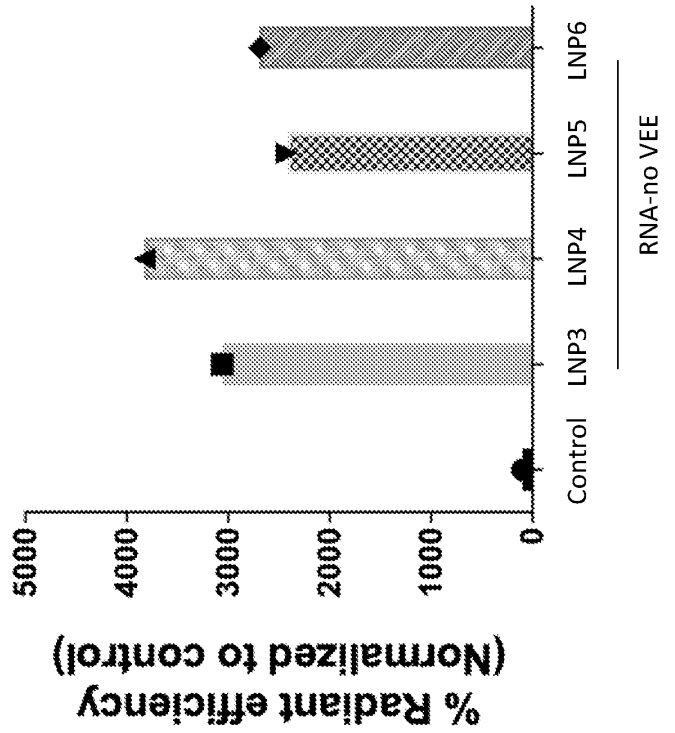

% Radiant efficiency
(Normalized to control)
5000
4000
3000
2000
1000
0
Control
LNP3
LNP4
LNP5
LNP6
RNA-no VEE

FIG. 3B

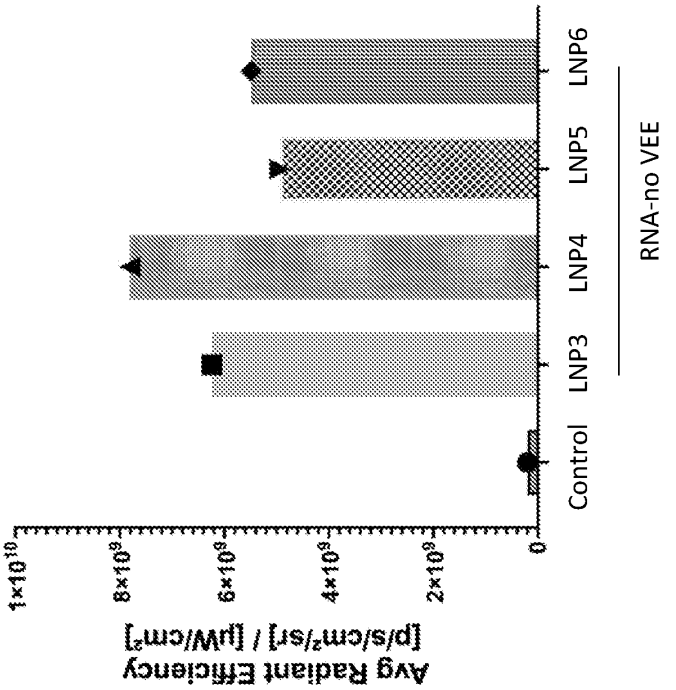

Avg Radiant Efficiency
[p/s/cm²/sr] / [µW/cm²]
1×10¹⁰
8×10⁹
6×10⁹
4×10⁹
2×10⁹
0
Control
LNP3
LNP4
LNP5
LNP6
RNA-no VEE

FIG. 4A

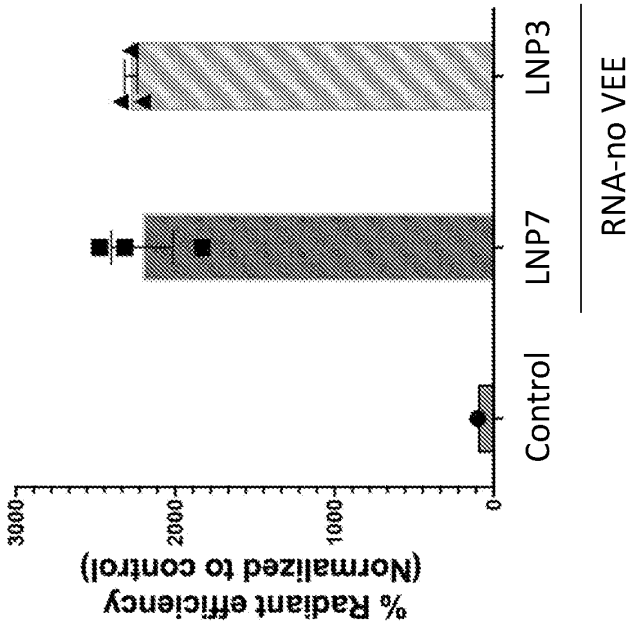

% Radiant efficiency
(Normalized to control)
3000
2000
1000
0
Control
LNP7
LNP3
RNA-no VEE

FIG. 4B

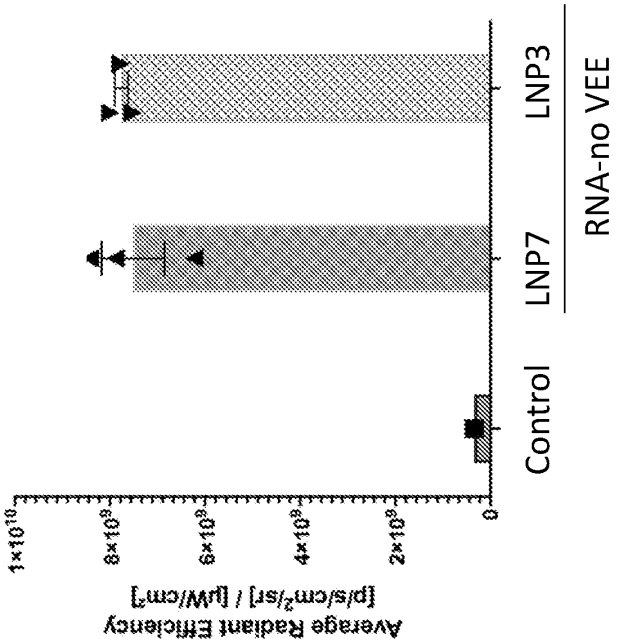

Average Radiant Efficiency
[p/s/cm²/sr] / [μW/cm²]
1×10¹⁰
8×10⁹
6×10⁹
4×10⁹
2×10⁹
0
Control
LNP7
LNP3
RNA-no VEE

FIG. 5A

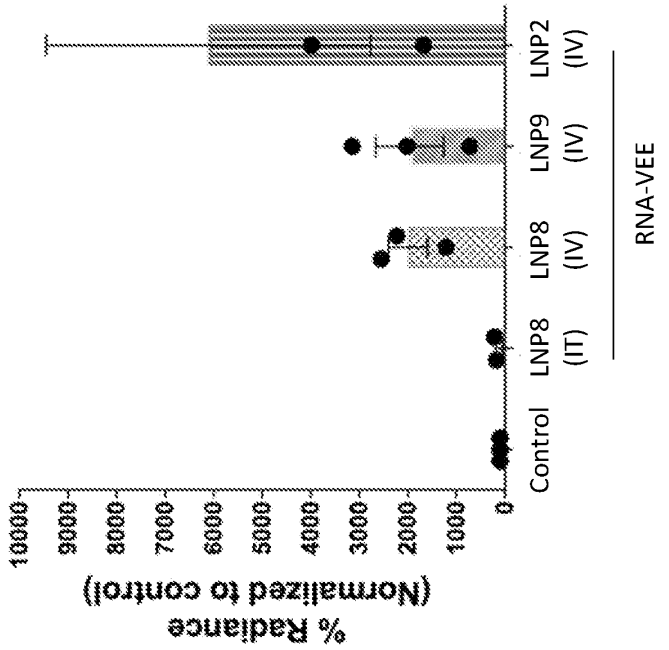

% Radiance
(Normalized to control)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Control
LNP8 (IT)
LNP8 (IV)
LNP9 (IV)
LNP2 (IV)
RNA-VEE

FIG. 5B

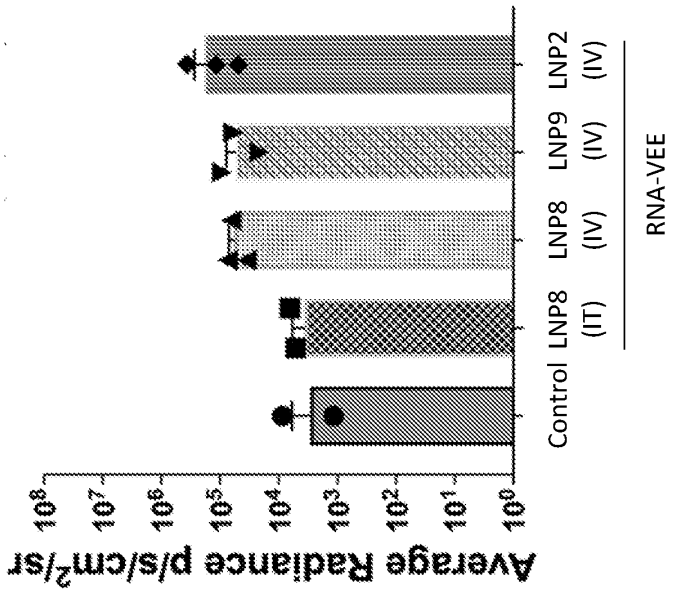

Average Radiance p/s/cm²/sr
10⁸
10⁷
10⁶
10⁵
10⁴
10³
10²
10¹
10⁰
Control
LNP8 (IT)
LNP8 (IV)
LNP9 (IV)
LNP2 (IV)
RNA-VEE

FIG. 6A

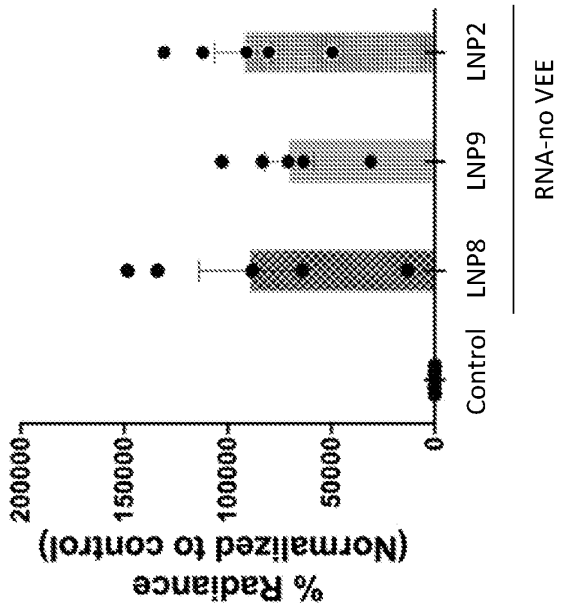

% Radiance
(Normalized to control)
200000
150000
100000
50000
0
Control
LNP8
LNP9
LNP2
RNA-no VEE

FIG. 6B

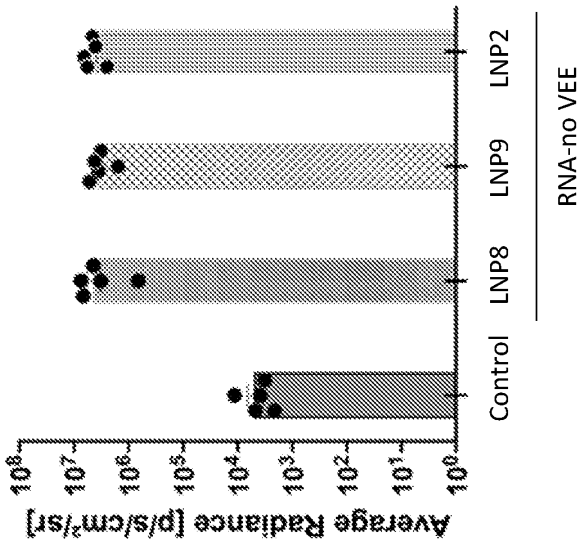

Average Radiance [p/s/cm²/sr]
10⁸
10⁷
10⁶
10⁵
10⁴
10³
10²
10¹
10⁰
Control
LNP8
LNP9
LNP2
RNA-no VEE

FIG. 7A

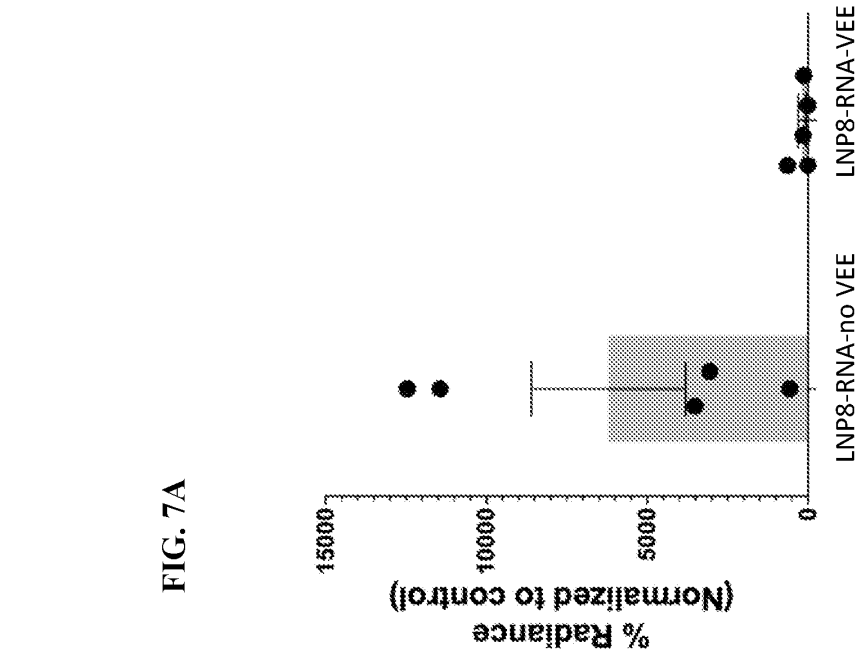
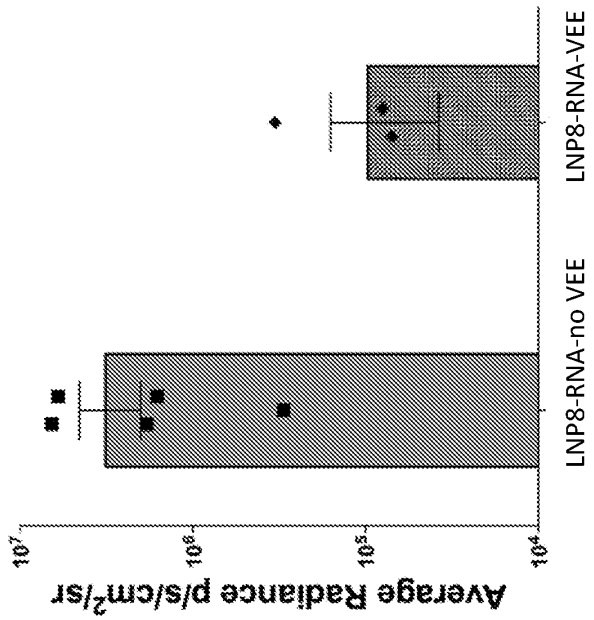

% Radiance
(Normalized to control)
15000
10000
5000
0
LNP8-RNA-no VEE
LNP8-RNA-VEE

FIG. 7B


Average Radiance p/s/cm²/sr
10⁷
10⁶
10⁵
10⁴
LNP8-RNA-no VEE
LNP8-RNA-VEE