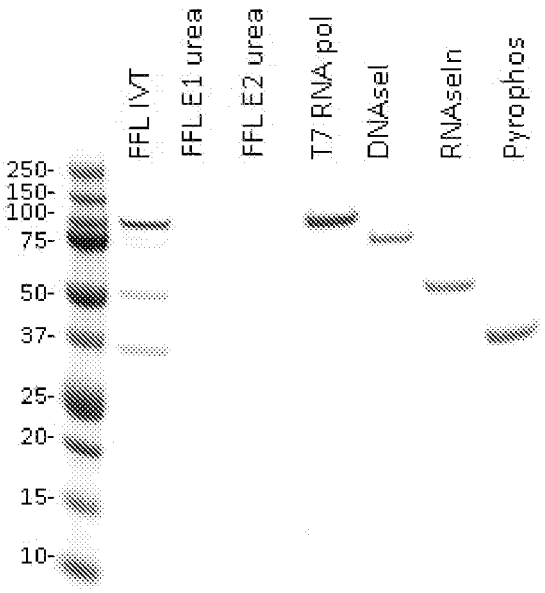

FFL IVT
FFL E1 urea
FFL E2 urea
T7 RNA pol
DNAseI
RNAseIn
Pyrophos
250-
150-
100-
75-
50-
37-
25-
20-
15-
10-

FIG. 1

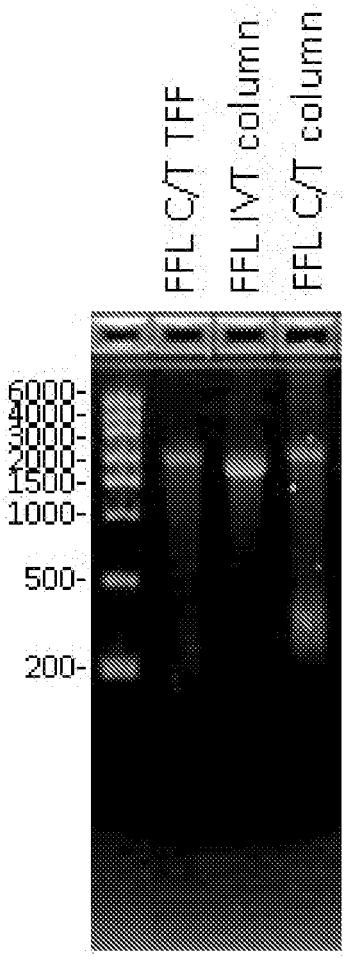

FFL C/T TFF
FFL IVT column
FFL C/T column
6000-
4000-
3000-
2000-
1500-
1000-
500-
200-

FIG. 2

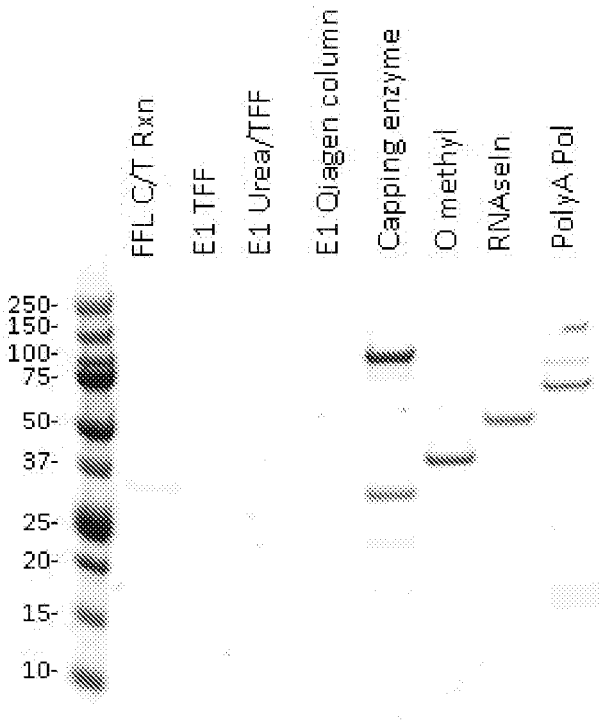

FFL C/T Rxn
E1 TFF
E1 Urea/TFF
E1 Qiagen column
Capping enzyme
O methyl
RNAseIn
PolyA Pol
250-
150-
100-
75-
50-
37-
25-
20-
15-
10-

FIG. 3

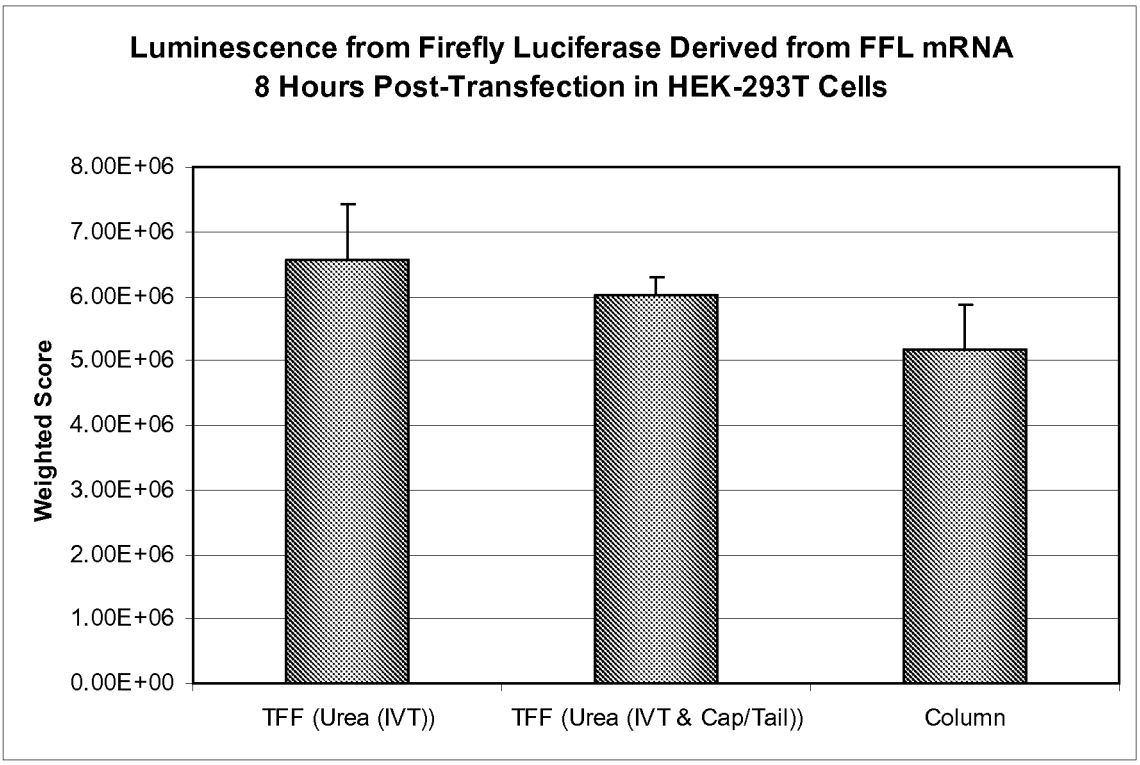

Luminescence from Firefly Luciferase Derived from FFL mRNA
8 Hours Post-Transfection in HEK-293T Cells
Weighted Score
8.00E+06
7.00E+06
6.00E+06
5.00E+06
4.00E+06
3.00E+06
2.00E+06
1.00E+06
0.00E+00
TFF (Urea (IVT))
TFF (Urea (IVT & Cap/Tail))
Column

FIG. 4

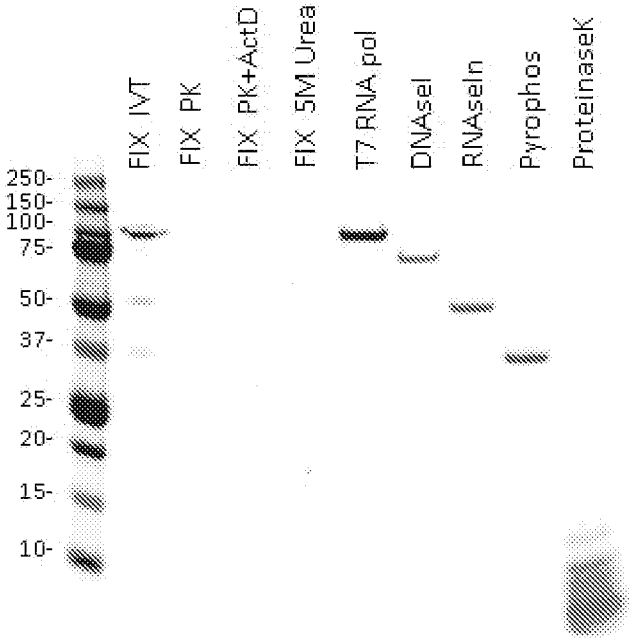

250-
150-
100-
75-
50-
37-
25-
20-
15-
10-
FIX IVT
FIX PK
FIX PK+ActD
FIX 5M Urea
T7 RNA pol
DNAsel
RNAseIn
Pyrophos
ProteinaseK

FIG. 5

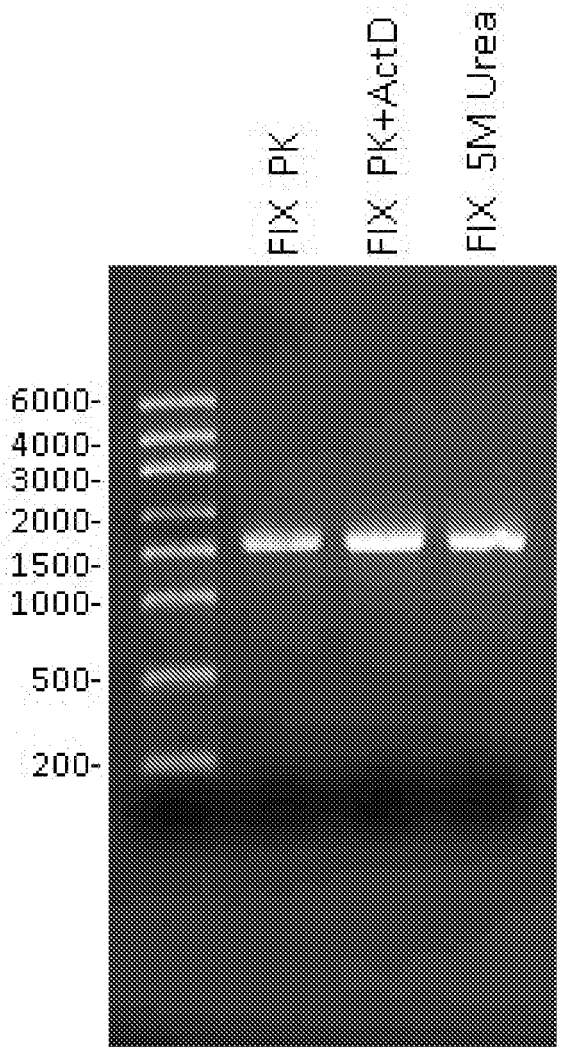

FIX PK
FIX PK+ActD
FIX 5M Urea
6000-
4000-
3000-
2000-
1500-
1000-
500-
200-

FIG. 6

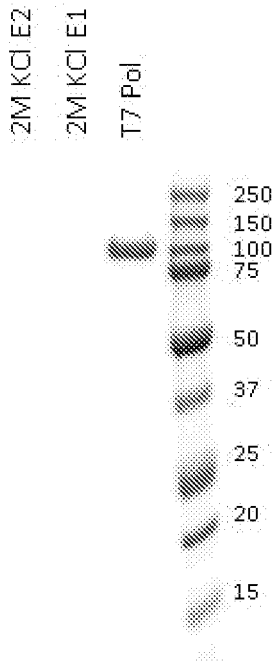


FIG. 7

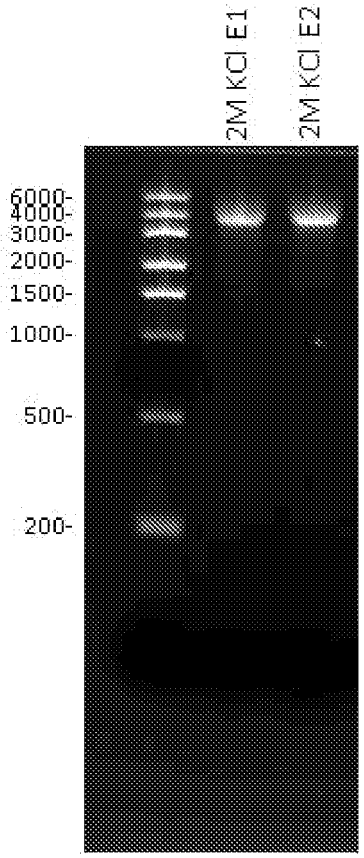


FIG. 8

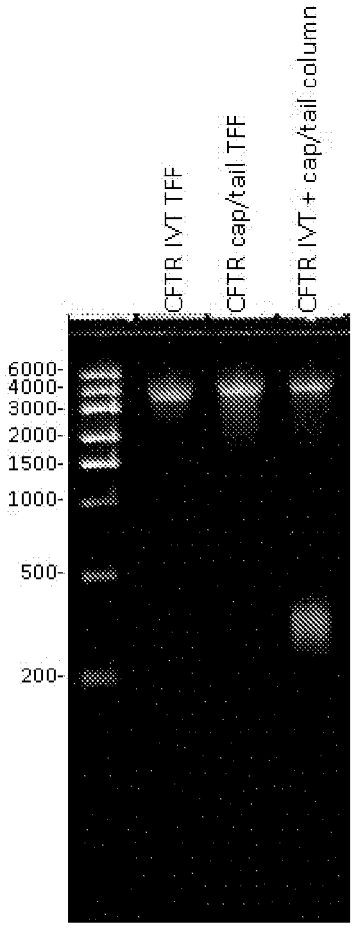

CFTR IVT TFF
CFTR cap/tail TFF
CFTR IVT + cap/tail column
6000-
4000-
3000-
2000-
1500-
1000-
500-
200-

FIG. 9