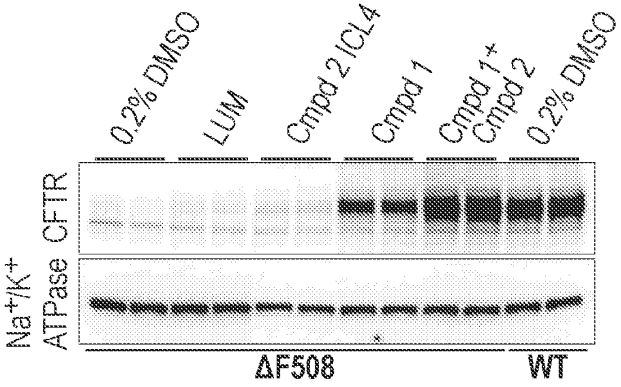
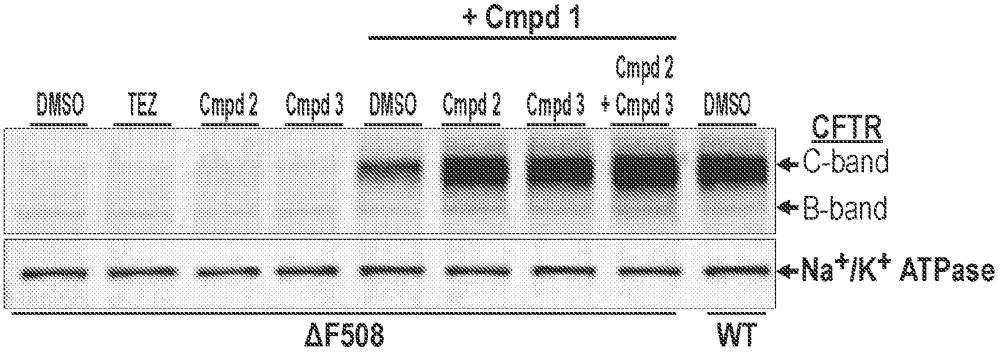


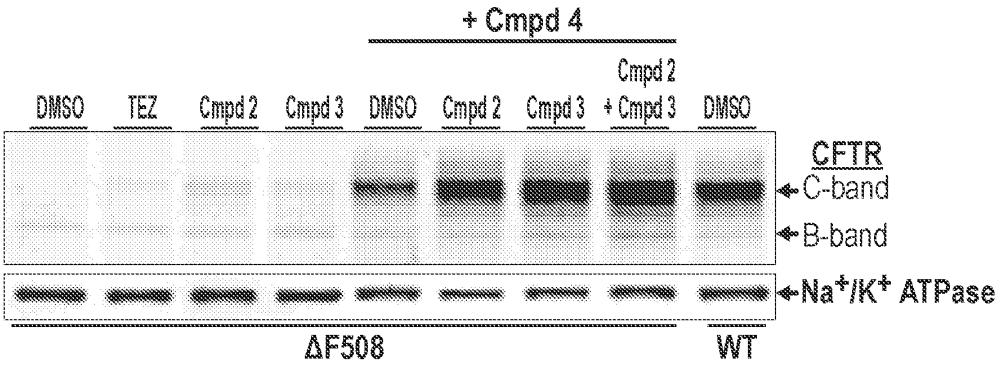
3μM LUM – Vertex TMD1 corrector
3μM Cmpd 2 – ICL4 corrector
3μM Cmpd 1 – NBD1 stabilizer

FIG. 1



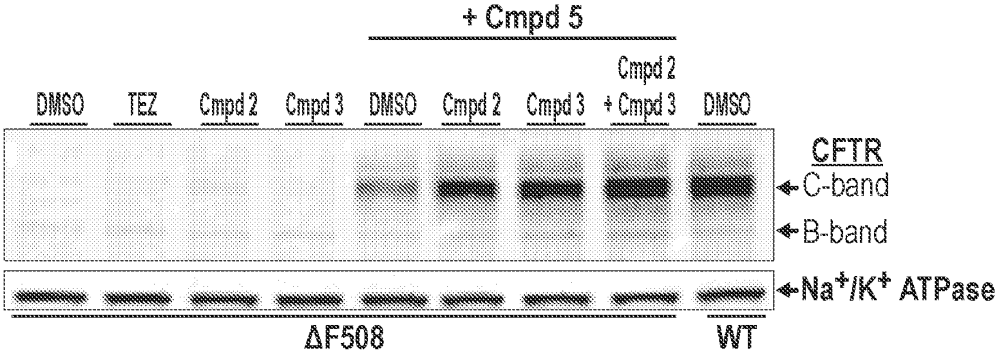
1.5μM Cmpd 1 – NBD1 Stabilizer
3μM Cmpd 2 – ICL4 Corrector
0.55μM Cmpd 3 – TMD1 Corrector
TEZ (5μM) – Vertex TMD1 Corrector
3μM Cmpd 2 – ICL4 corrector
DMSO – 0.35% DMSO

FIG. 2



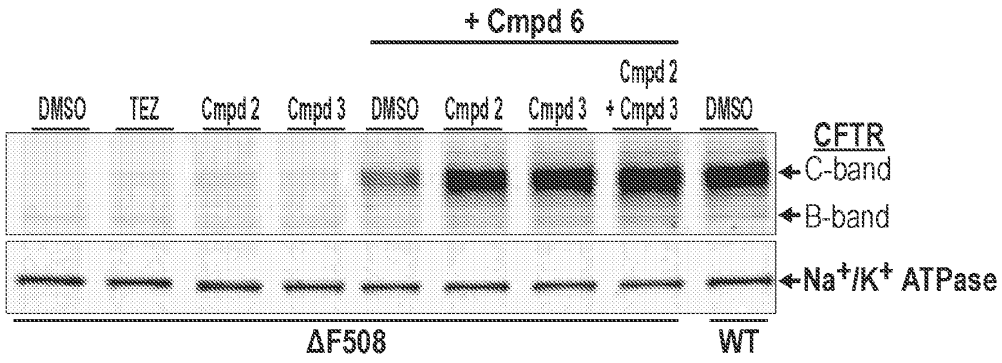
1.5μM Cmpd 4 – NBD1 Stabilizer
3μM Cmpd 2 – ICL4 Corrector
0.55μM Cmpd 3 – TMD1 Corrector
TEZ (5μM) – Vertex TMD1 Corrector
DMSO – 0.35% DMSO

FIG. 3



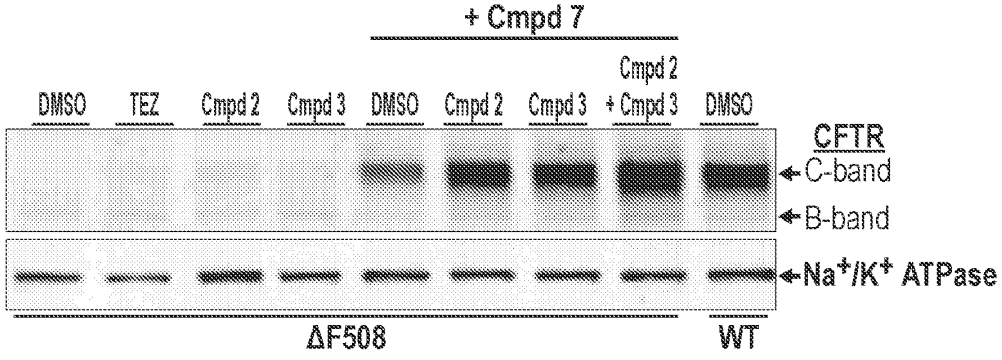
1.5μM Cmpd 5 – NBD1 Stabilizer
3μM Cmpd 2 – ICL4 Corrector
0.55μM Cmpd 3 – TMD1 Corrector
TEZ (5μM) – Vertex TMD1 Corrector
DMSO – 0.35% DMSO

FIG. 4



1.5μM Cmpd 6 – NBD1 Stabilizer
3μM Cmpd 2 – ICL4 Corrector
0.55μM Cmpd 3 – TMD1 Corrector
TEZ (5μM) – Vertex TMD1 Corrector
DMSO – 0.35% DMSO

FIG. 5



1.5μM Cmpd 5 – NBD1 Stabilizer
3μM Cmpd 2 – ICL4 Corrector
0.55μM Cmpd 3 – TMD1 Corrector
TEZ (5μM) – Vertex TMD1 Corrector
DMSO – 0.35% DMSO

FIG. 6

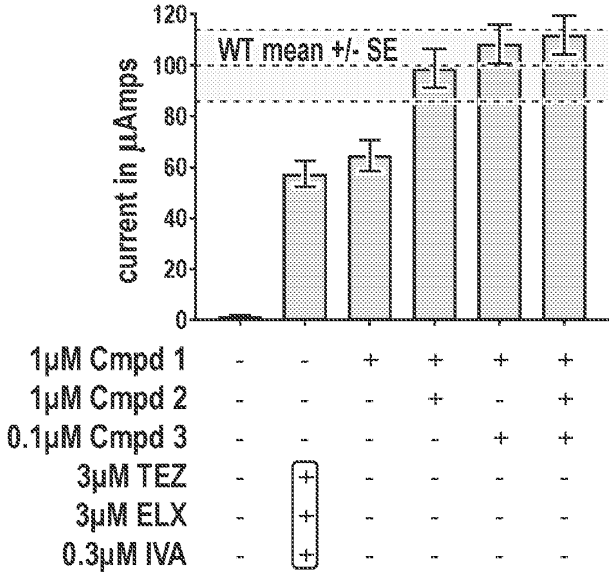

current in µAmps
120
100
80
60
40
20
0
WT mean +/- SE
1µM Cmpd 1 - - + + + +
1µM Cmpd 2 - - - + - +
0.1µM Cmpd 3 - - - - + +
3µM TEZ - + - - - -
3µM ELX - + - - - -
0.3µM IVA - + - - - -

FIG. 7

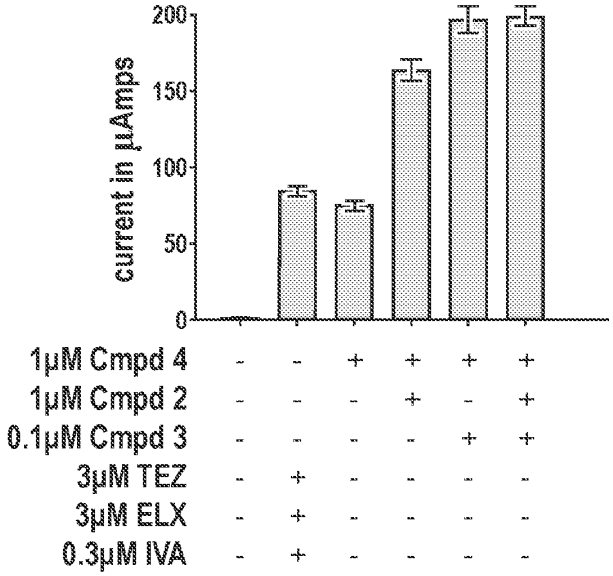

current in µAmps
200
150
100
50
0
1µM Cmpd 4 - - + + + +
1µM Cmpd 2 - - - + - +
0.1µM Cmpd 3 - - - - + +
3µM TEZ - + - - - -
3µM ELX - + - - - -
0.3µM IVA - + - - - -

FIG. 8

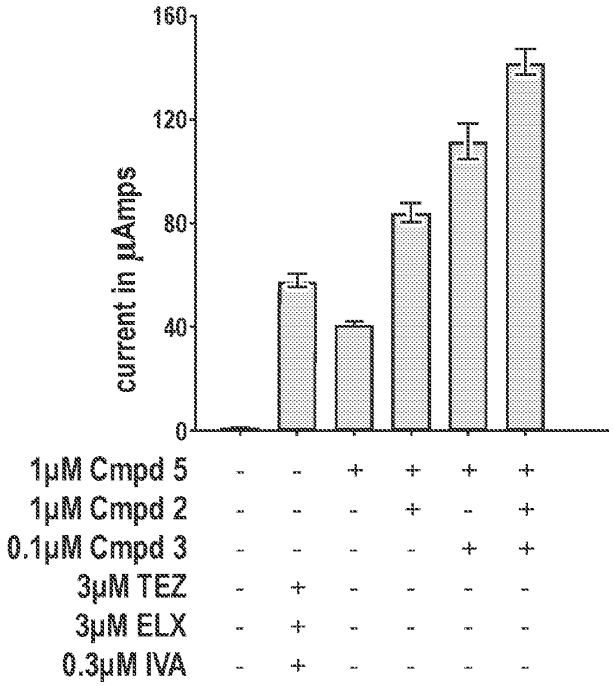

160
120
80
40
0
current in µAmps
1µM Cmpd 5 - - + + + +
1µM Cmpd 2 - - - + - +
0.1µM Cmpd 3 - - - - + +
3µM TEZ - + - - - -
3µM ELX - + - - - -
0.3µM IVA - + - - - -

FIG. 9

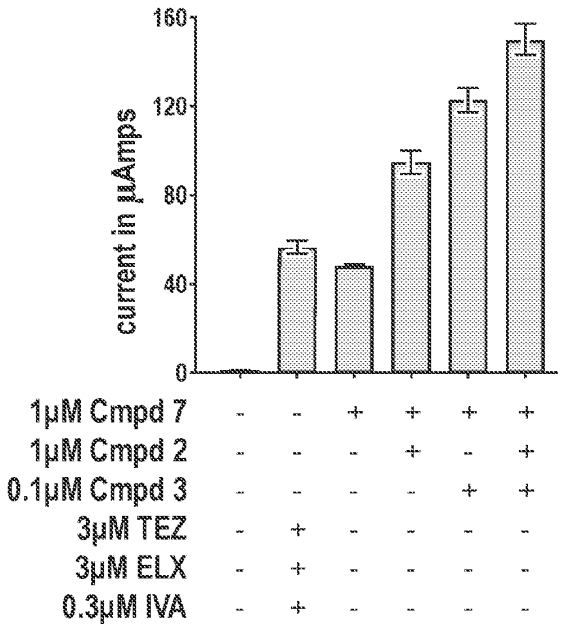

160
120
80
40
0
current in µAmps
1µM Cmpd 7 - - + + + +
1µM Cmpd 2 - - - + - +
0.1µM Cmpd 3 - - - - + +
3µM TEZ - + - - - -
3µM ELX - + - - - -
0.3µM IVA - + - - - -

FIG. 10

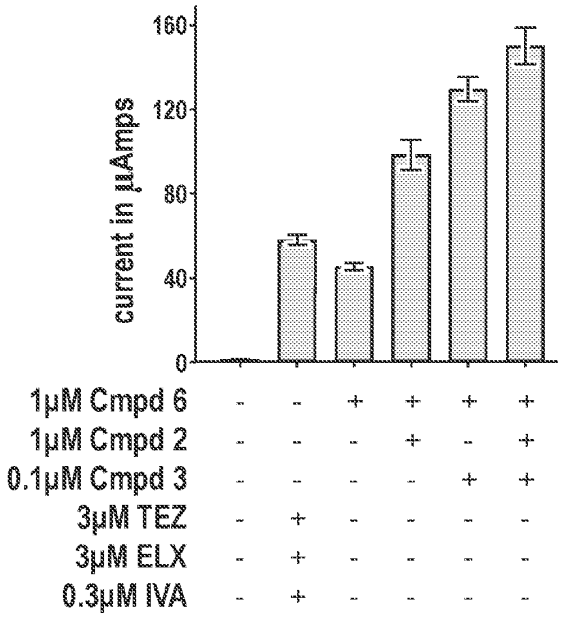

current in µAmps
160
120
80
40
0
1µM Cmpd 6 - - + + + +
1µM Cmpd 2 - - - + - +
0.1µM Cmpd 3 - - - - + +
3µM TEZ - + - - - -
3µM ELX - + - - - -
0.3µM IVA - + - - - -

FIG. 11