Fig. 1


NdeI
LRRC24P
Linker
EGFP
STOP CODON
XhoI

Fig. 2

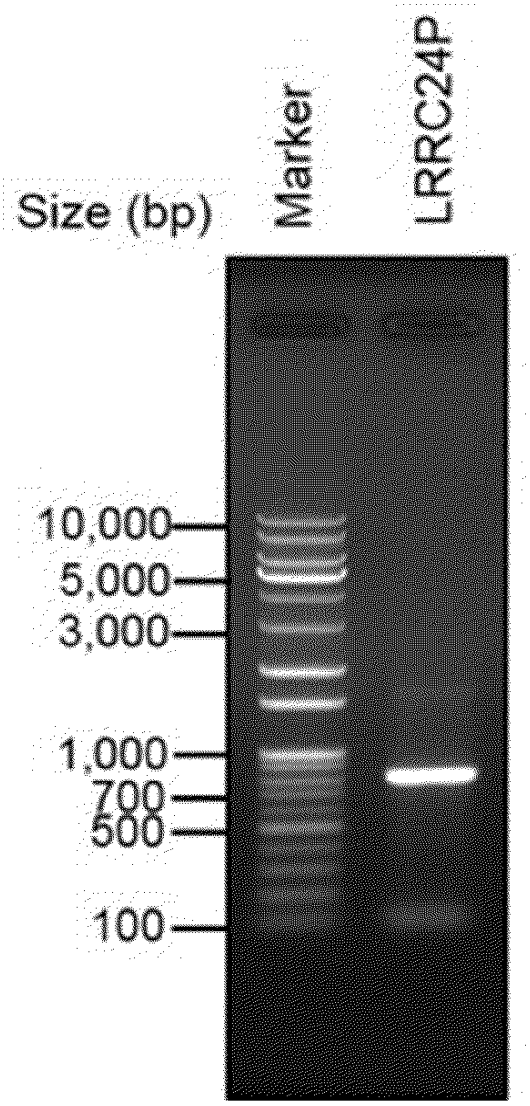

Size (bp)
Marker
LRRC24P
10,000
5,000
3,000
1,000
700
500
100

Fig. 3

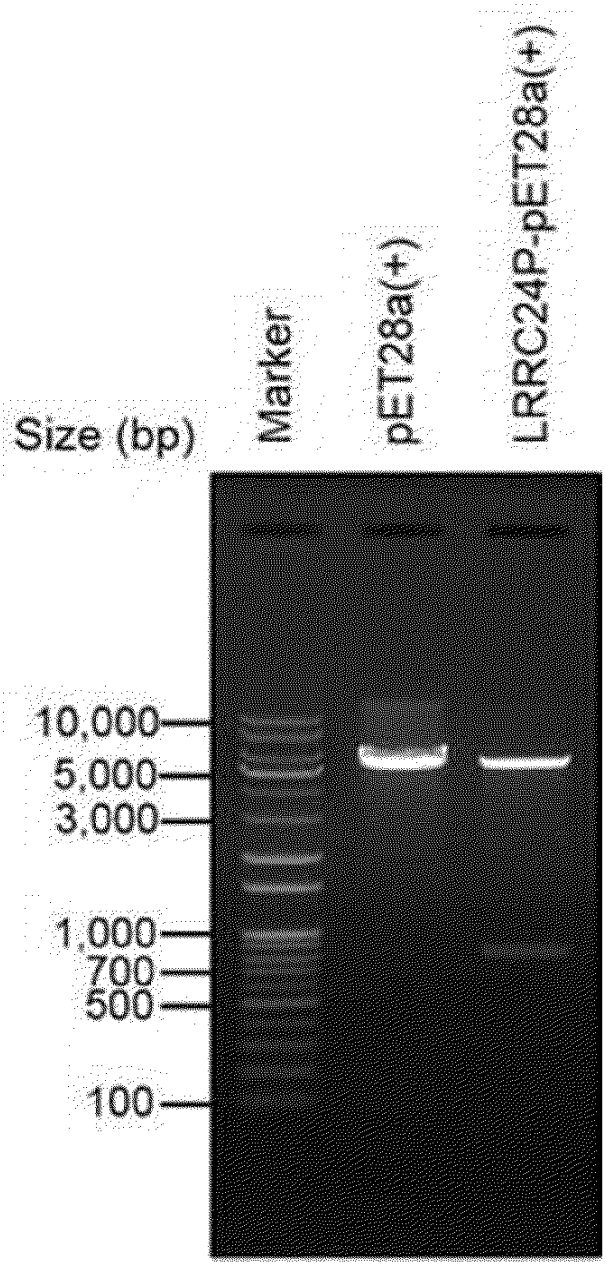

Size (bp)
Marker
pET28a(+)
LRRC24P-pET28a(+)
10,000
5,000
3,000
1,000
700
500
100

Fig. 4

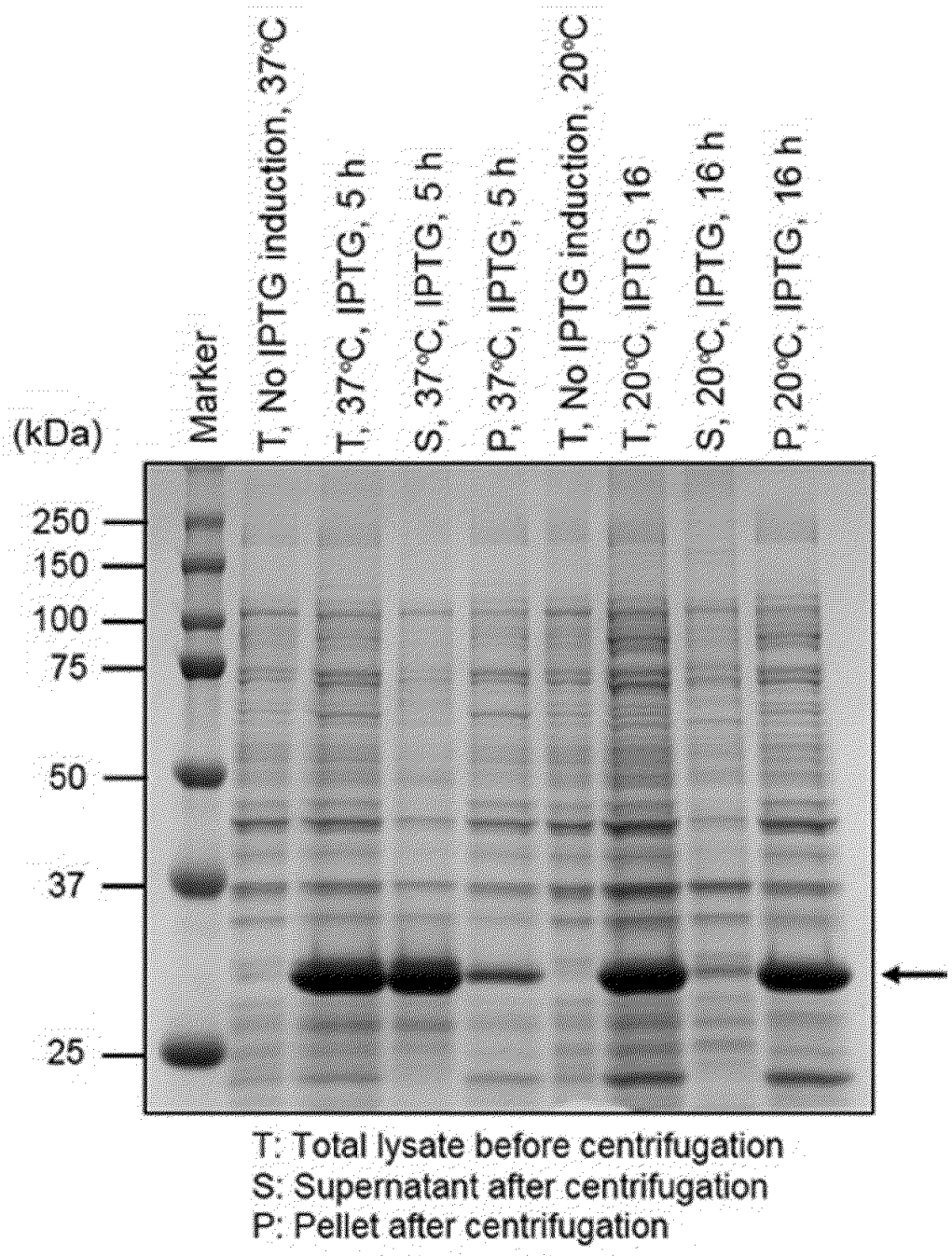

(kDa)
Marker
T, No IPTG induction, 37°C
T, 37°C, IPTG, 5 h
S, 37°C, IPTG, 5 h
P, 37°C, IPTG, 5 h
T, No IPTG induction, 20°C
T, 20°C, IPTG, 16
S, 20°C, IPTG, 16 h
P, 20°C, IPTG, 16 h
250
150
100
75
50
37
25
T: Total lysate before centrifugation
S: Supernatant after centrifugation
P: Pellet after centrifugation

Fig. 5

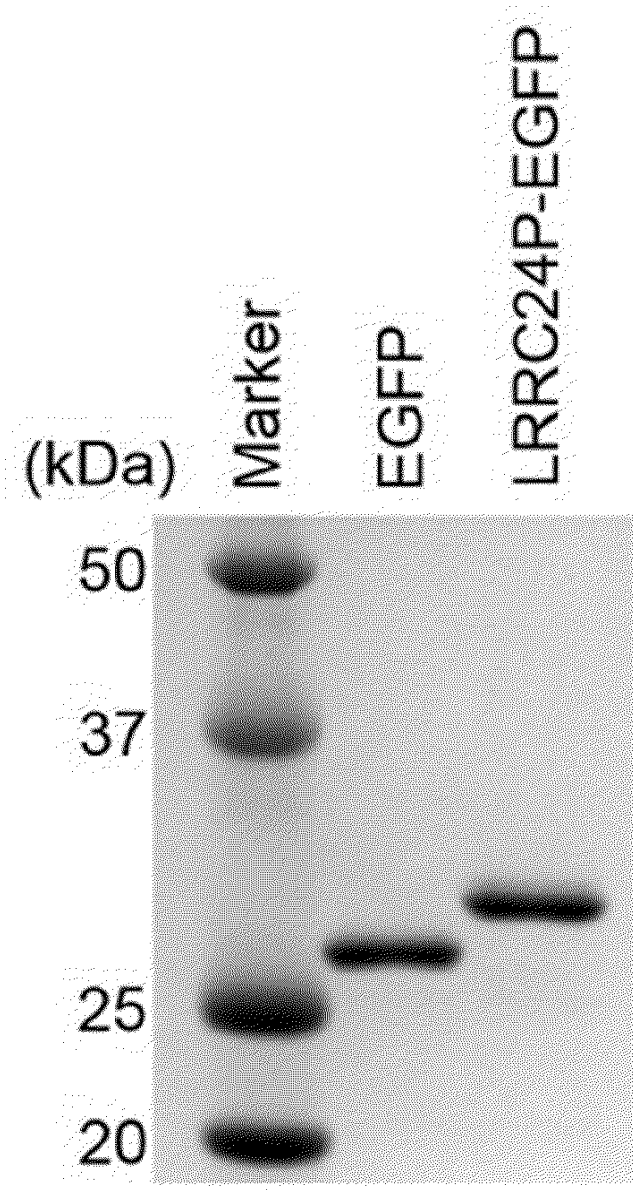
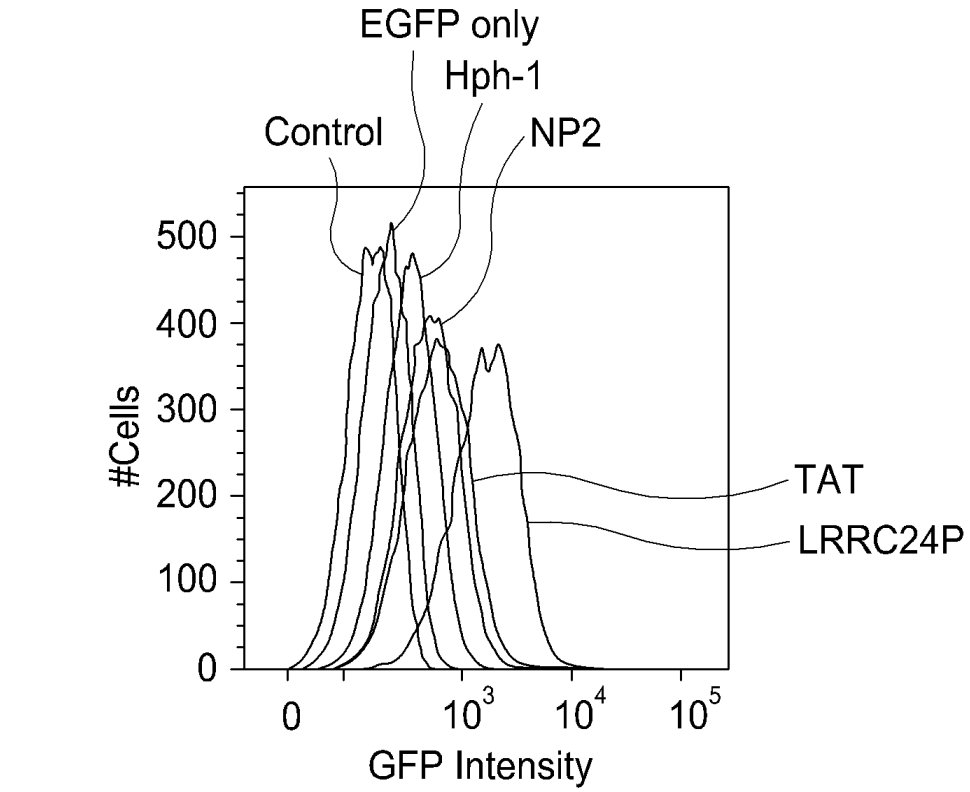


Fig. 6


EGFP only
Hph-1
Control
NP2
500
400
300
200
100
0
#Cells
TAT
LRRC24P
0
10^3
10^4
10^5
GFP Intensity

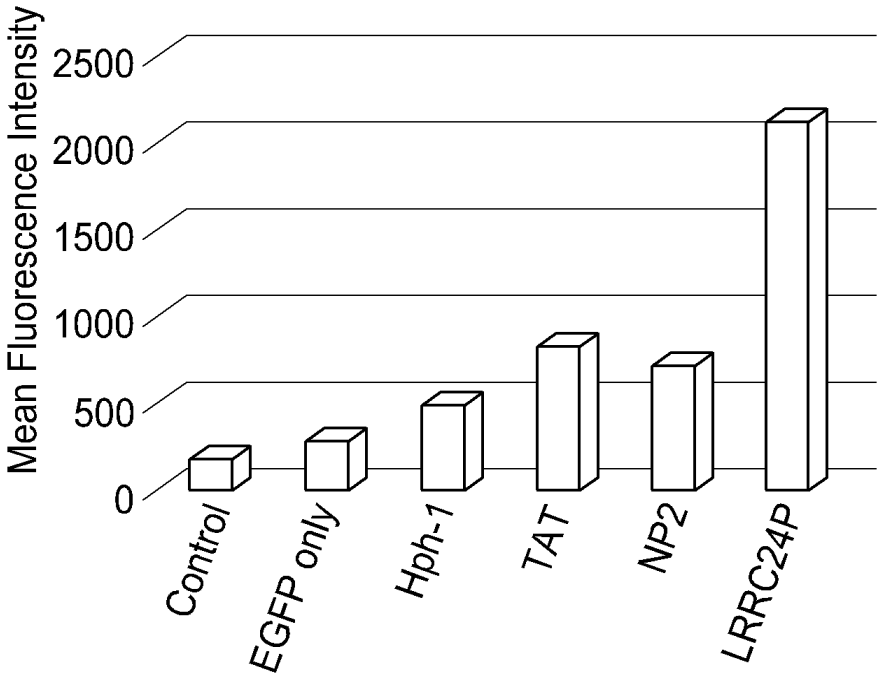

Mean Fluorescence Intensity
2500
2000
1500
1000
500
0
Control
EGFP only
Hph-1
TAT
NP2
LRRC24P

Fig. 7

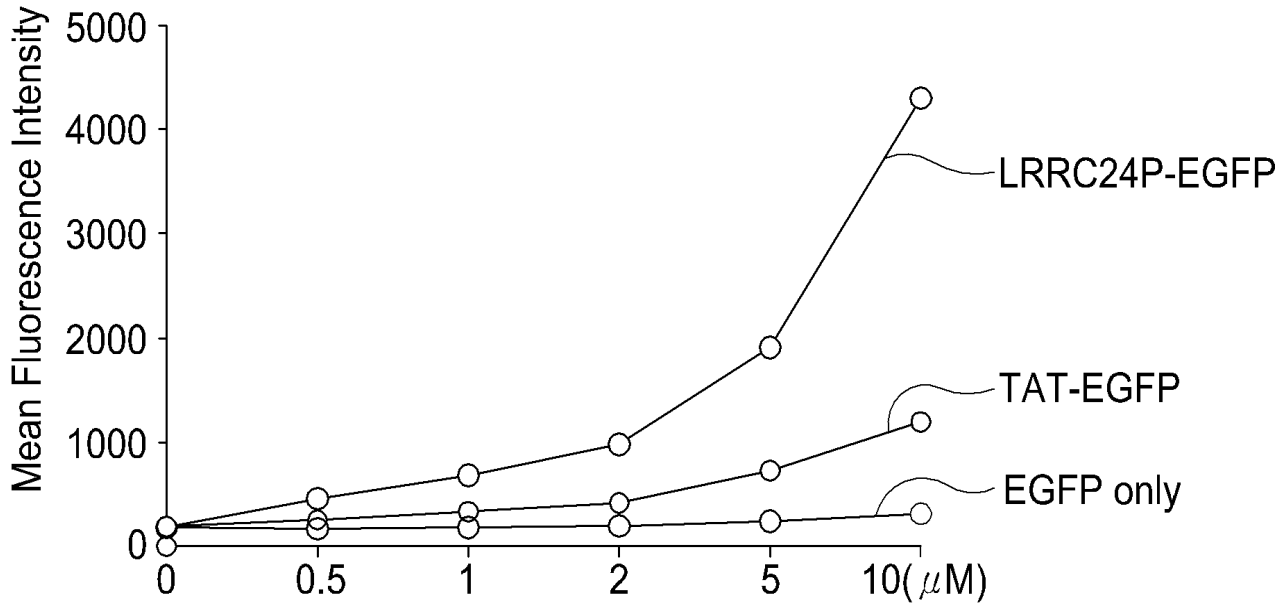

Mean Fluorescence Intensity
5000
4000
3000
2000
1000
0
0
0.5
1
2
5
10(μM)
LRRC24P-EGFP
TAT-EGFP
EGFP only

Fig. 8

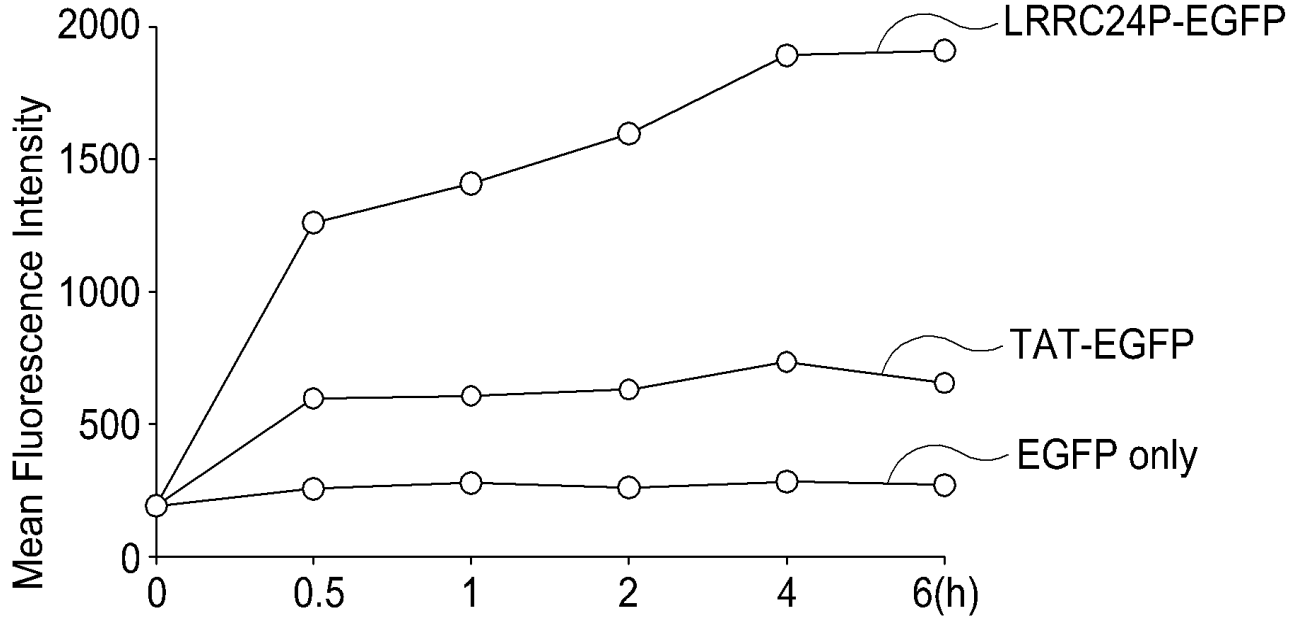

Mean Fluorescence Intensity
2000
1500
1000
500
0
0
0.5
1
2
4
6(h)
LRRC24P-EGFP
TAT-EGFP
EGFP only

Fig. 9

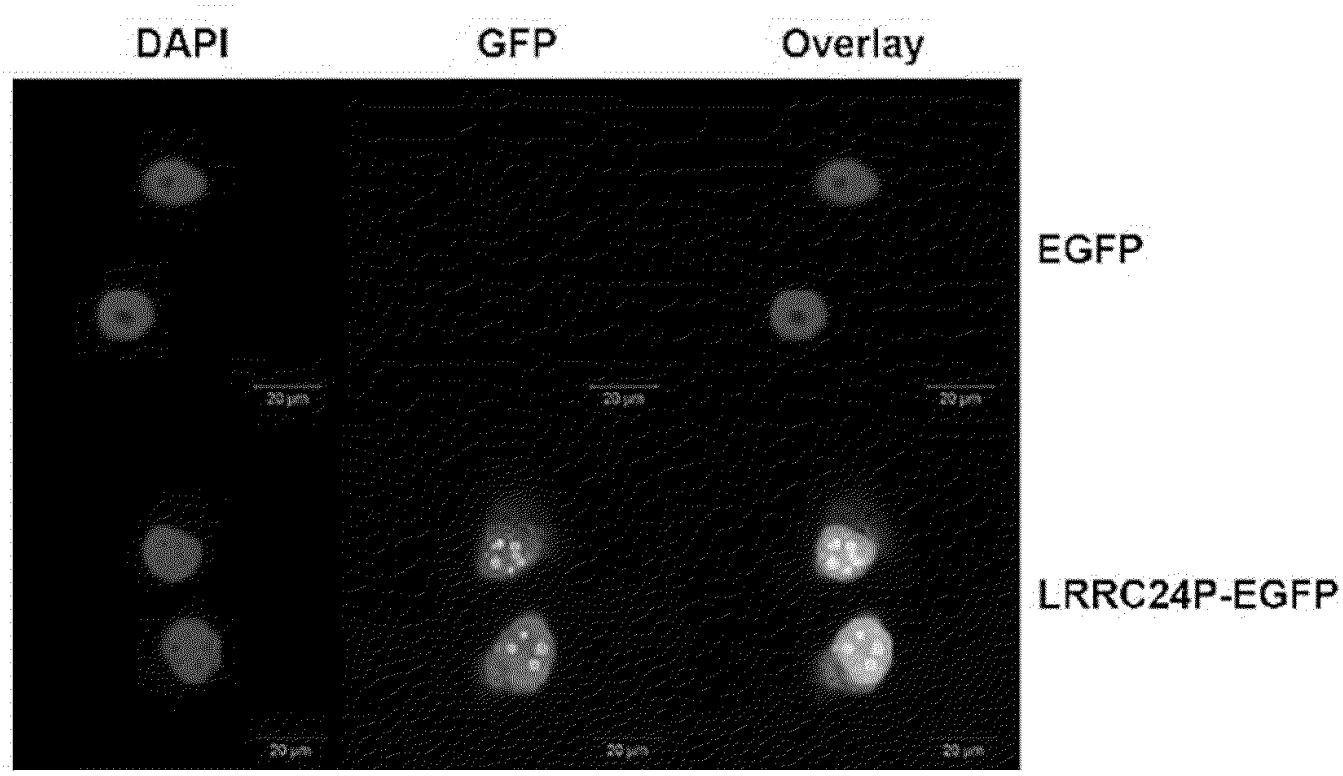
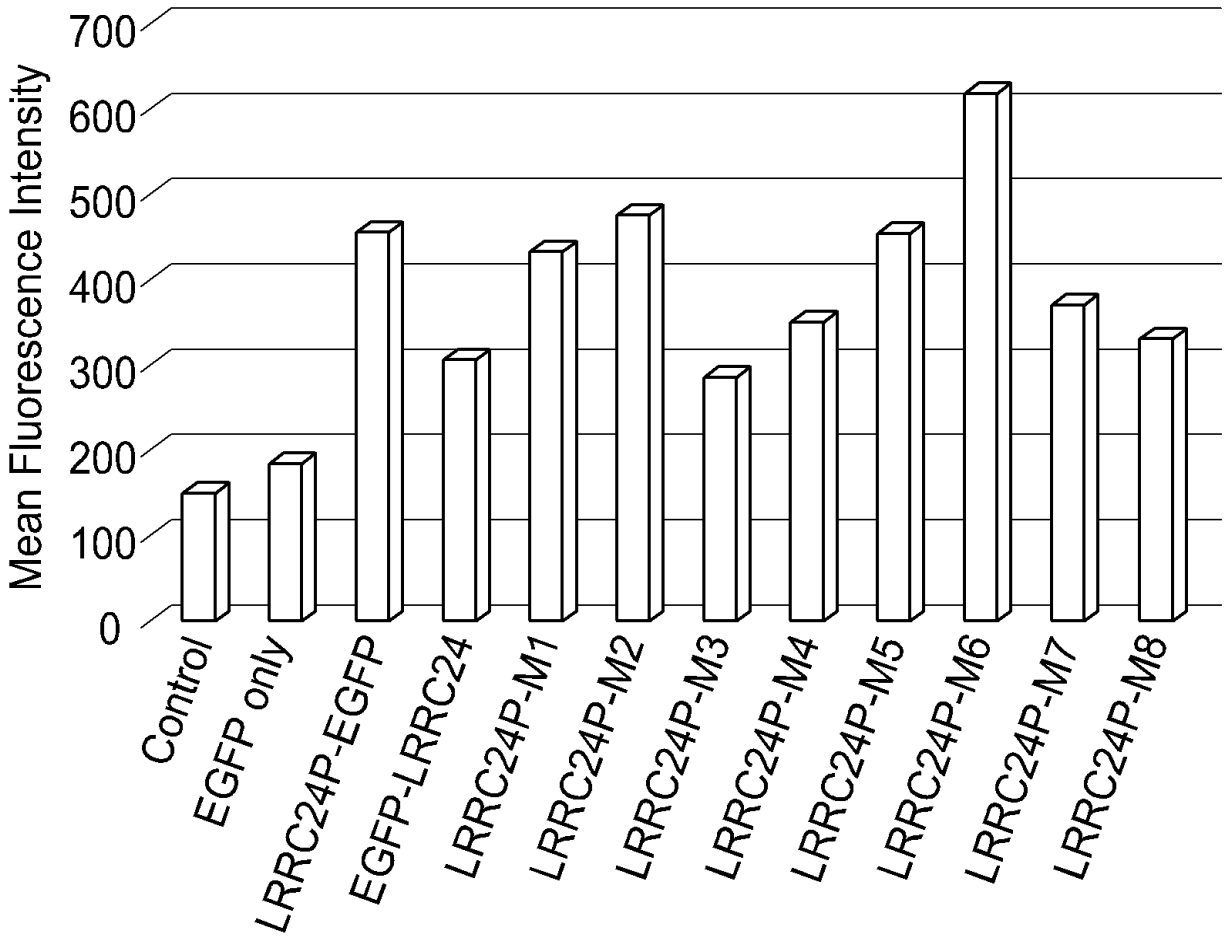


Fig. 10


Mean Fluorescence Intensity
700
600
500
400
300
200
100
0
Control
EGFP only
LRRC24P-EGFP
EGFP-LRRC24
LRRC24P-M1
LRRC24P-M2
LRRC24P-M3
LRRC24P-M4
LRRC24P-M5
LRRC24P-M6
LRRC24P-M7
LRRC24P-M8