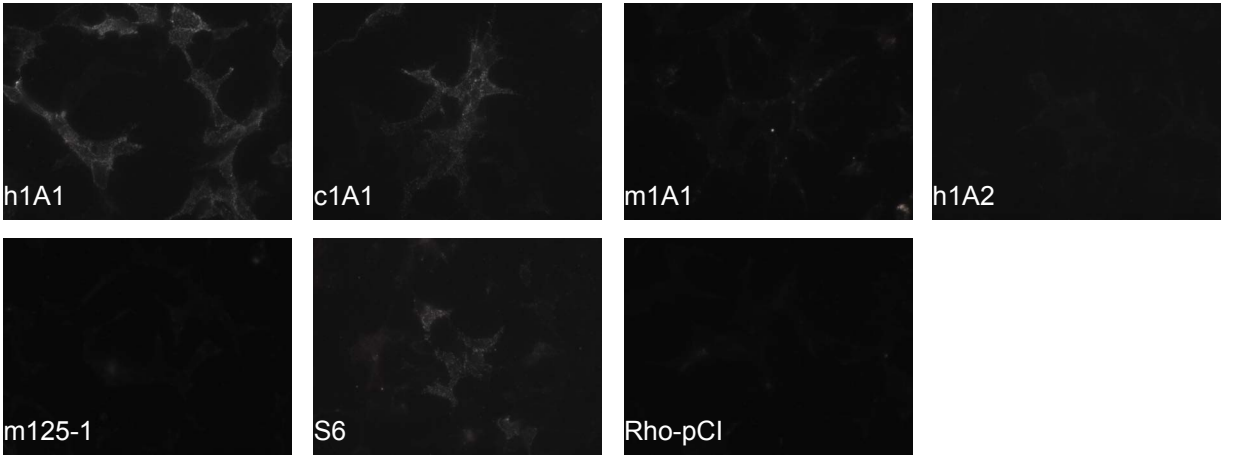
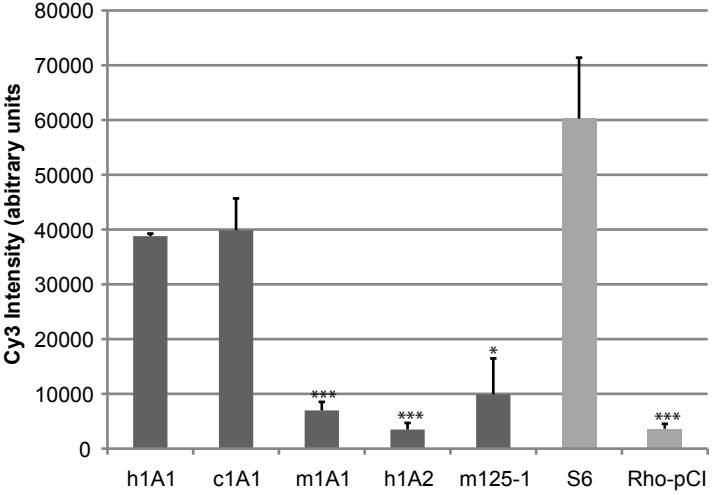
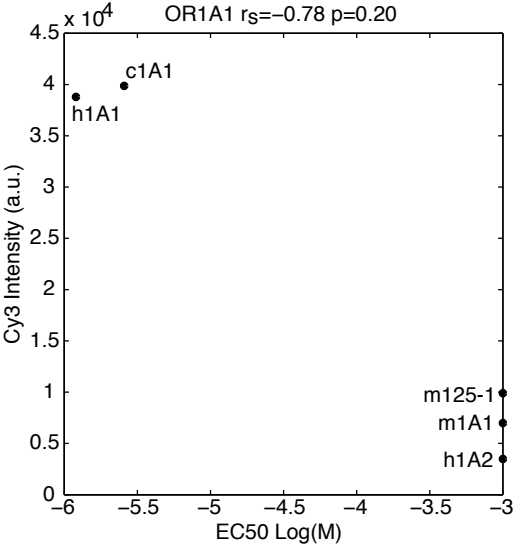
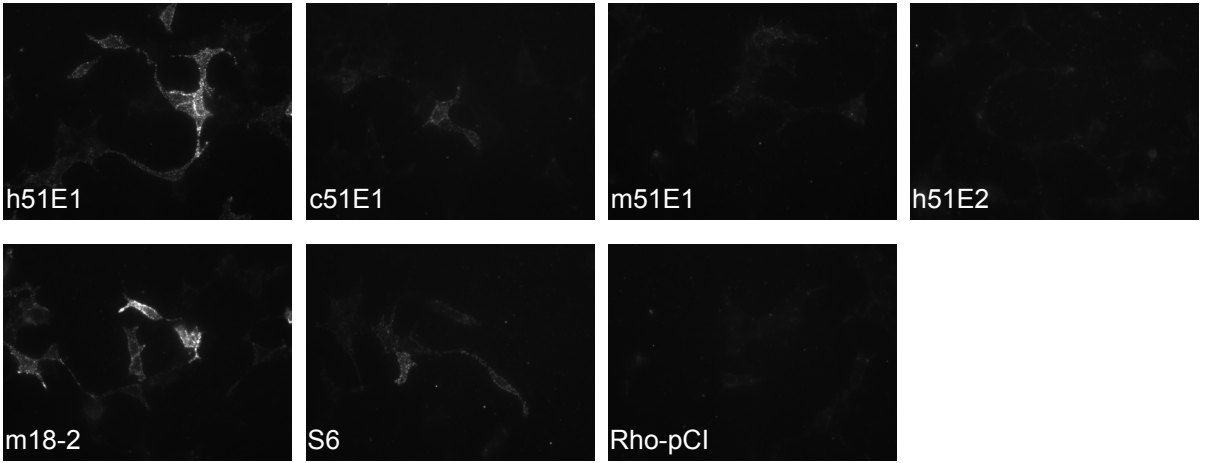
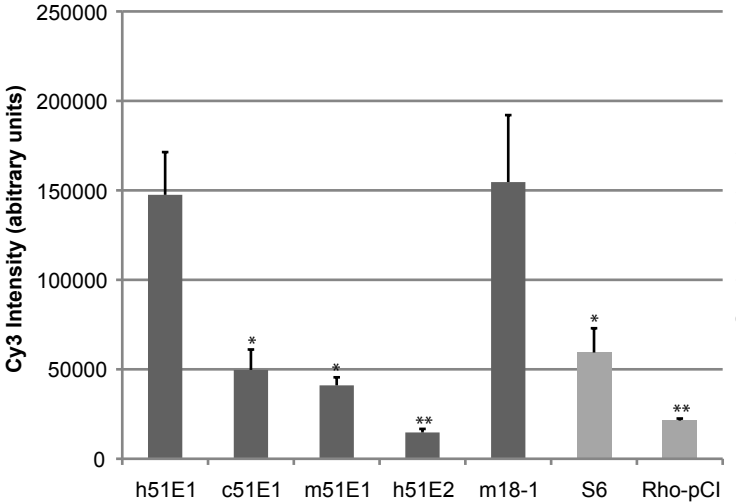
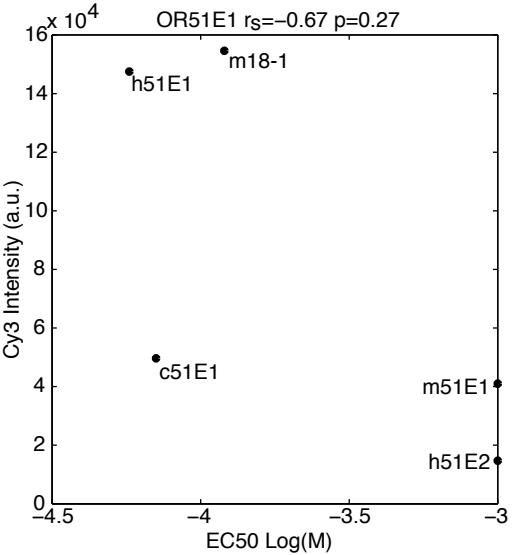

h1A1
c1A1
m1A1
h1A2
m125-1
S6
Rho-pCI

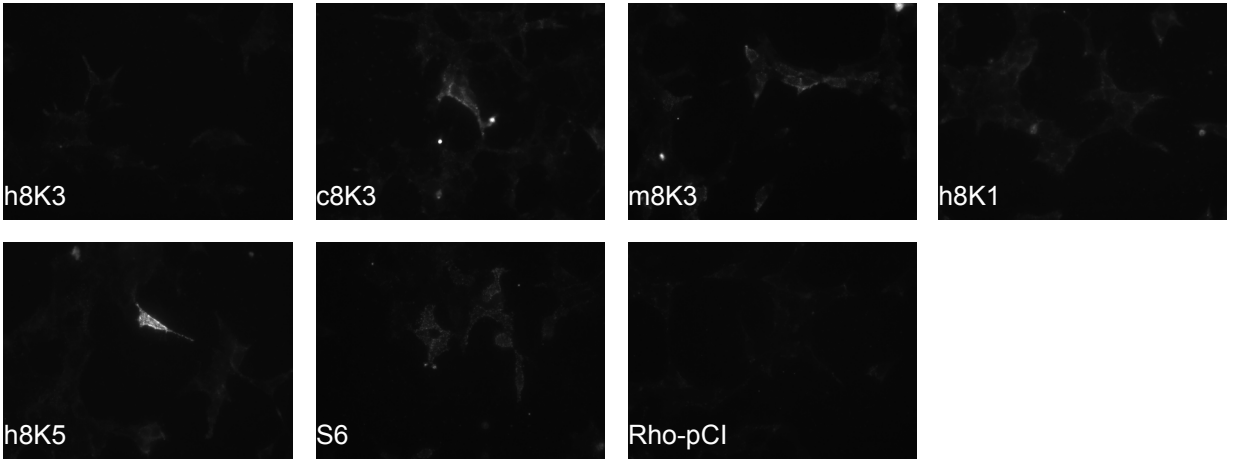

Cy3 Intensity (abitrary units
80000
70000
60000
50000
40000
30000
20000
10000
0
***
***
*
***
h1A1
c1A1
m1A1
h1A2
m125-1
S6
Rho-pCI

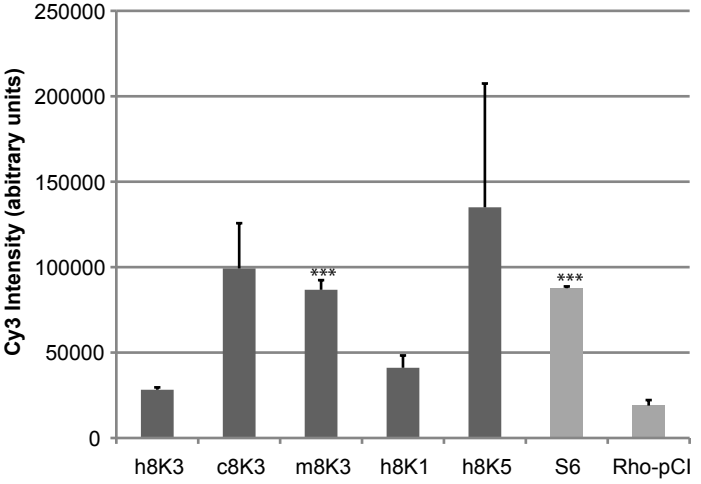

x 10^4
OR1A1 rs=−0.78 p=0.20
Cy3 Intensity (a.u.)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
c1A1
h1A1
m125-1
m1A1
h1A2
−6
−5.5
−5
−4.5
−4
−3.5
−3
EC50 Log(M)

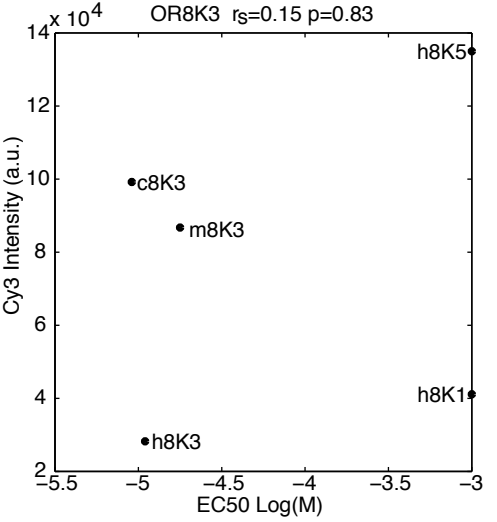

h51E1
c51E1
m51E1
h51E2
m18-2
S6
Rho-pCI

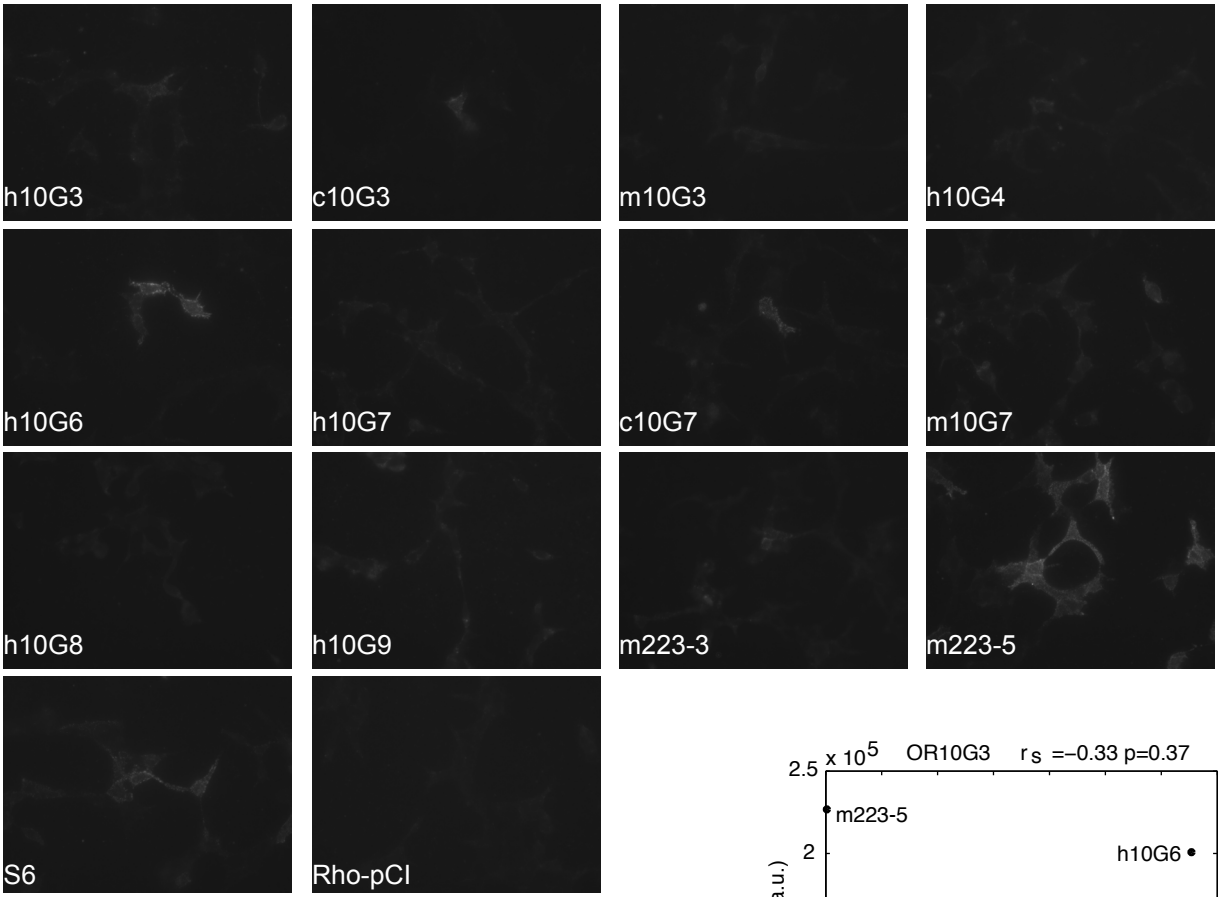

Cy3 Intensity (abitrary units)
250000
200000
150000
100000
50000
0
*
*
**
*
**
h51E1
c51E1
m51E1
h51E2
m18-1
S6
Rho-pCI

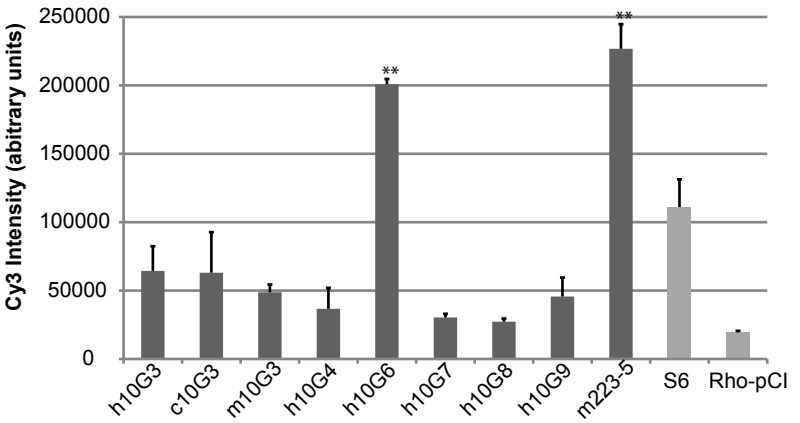

x 10^4
OR51E1 rs=−0.67 p=0.27
Cy3 Intensity (a.u.)
16
14
12
10
8
6
4
2
0
m18-1
h51E1
c51E1
m51E1
h51E2
−4.5
−4
−3.5
−3
EC50 Log(M)

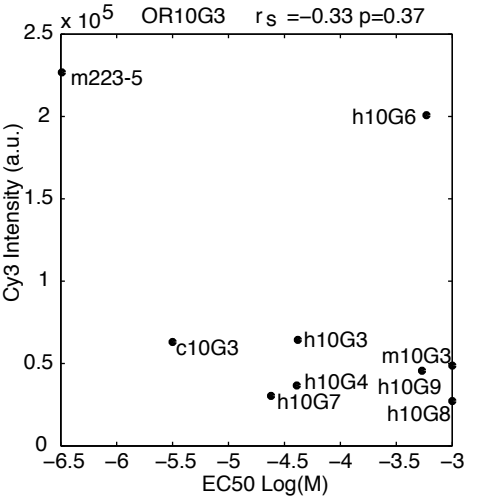

h8K3
c8K3
m8K3
h8K1
h8K5
S6
Rho-pCI

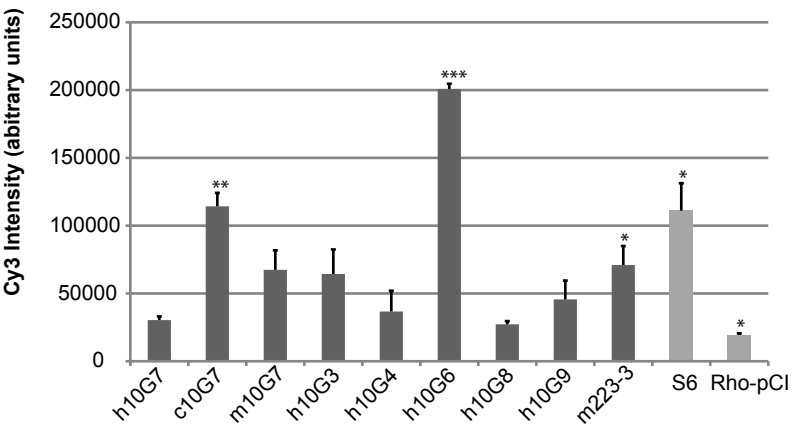

Cy3 Intensity (abitrary units)
250000
200000
150000
100000
50000
0
***
***
h8K3
c8K3
m8K3
h8K1
h8K5
S6
Rho-pCI

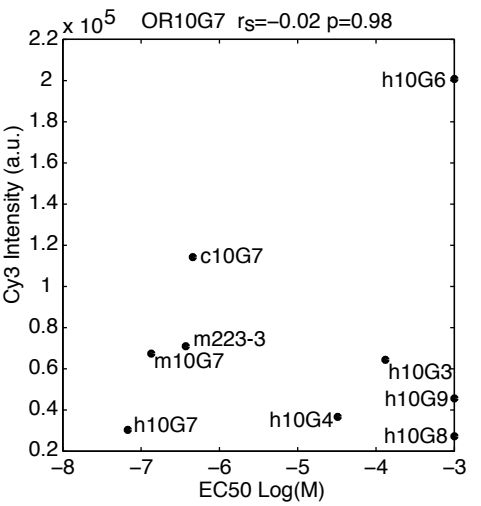

x 10^4
OR8K3 rs=0.15 p=0.83
Cy3 Intensity (a.u.)
14
12
10
8
6
4
2
h8K5
c8K3
m8K3
h8K1
h8K3
−5.5
−5
−4.5
−4
−3.5
−3
EC50 Log(M)

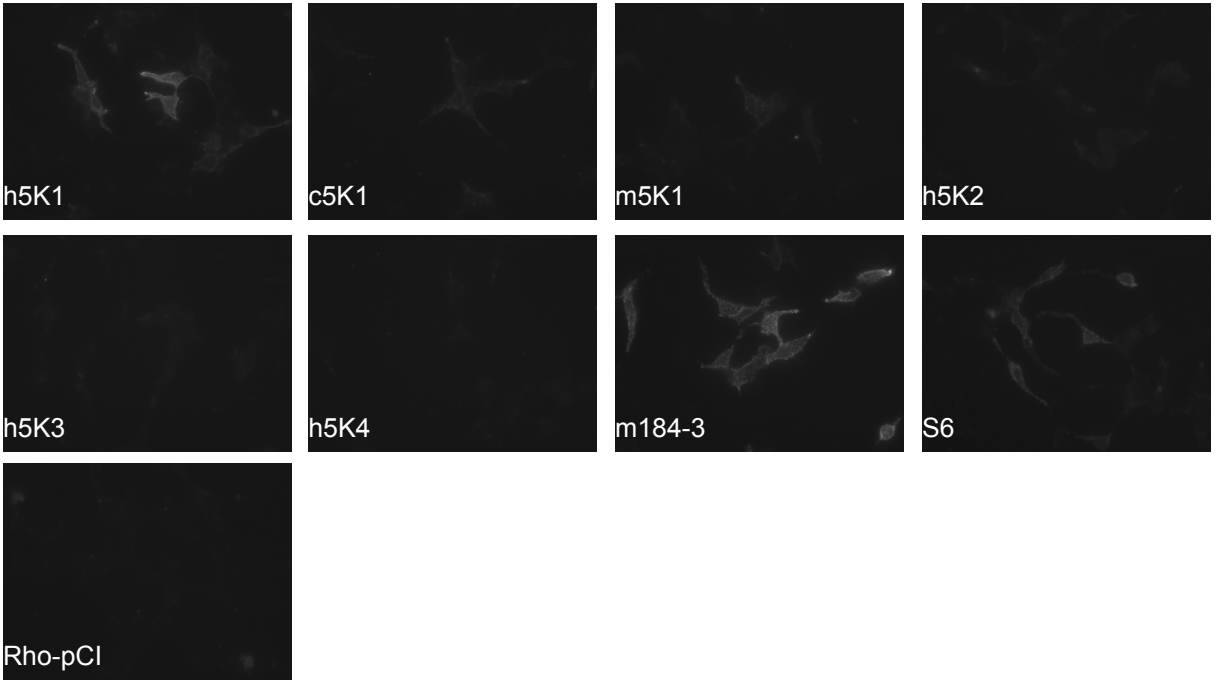

h10G3
c10G3
m10G3
h10G4
h10G6
h10G7
c10G7
m10G7
h10G8
h10G9
m223-3
m223-5
S6
Rho-pCI

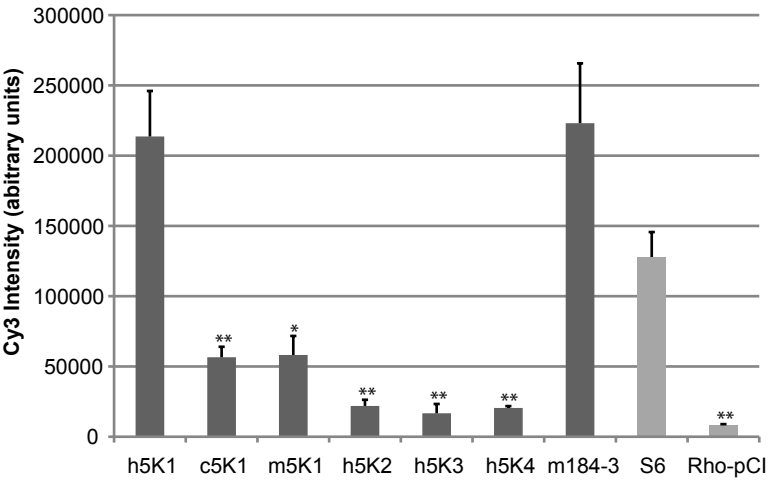

Cy3 Intensity (abitrary units)
250000
200000
150000
100000
50000
0
**
**
h10G3
c10G3
m10G3
h10G4
h10G6
h10G7
h10G8
h10G9
m223-5
S6
Rho-pCI

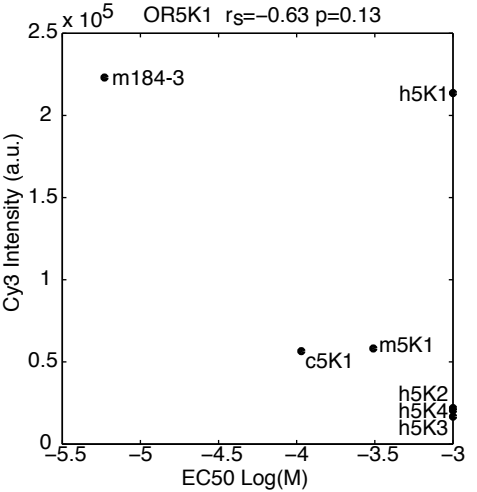

x 10^5
OR10G3
rs =−0.33 p=0.37
Cy3 Intensity (a.u.)
2.5
2
1.5
1
0.5
0
m223-5
h10G6
c10G3
h10G3
m10G3
h10G4
h10G9
h10G7
h10G8
−6.5
−6
−5.5
−5
−4.5
−4
−3.5
−3
EC50 Log(M)

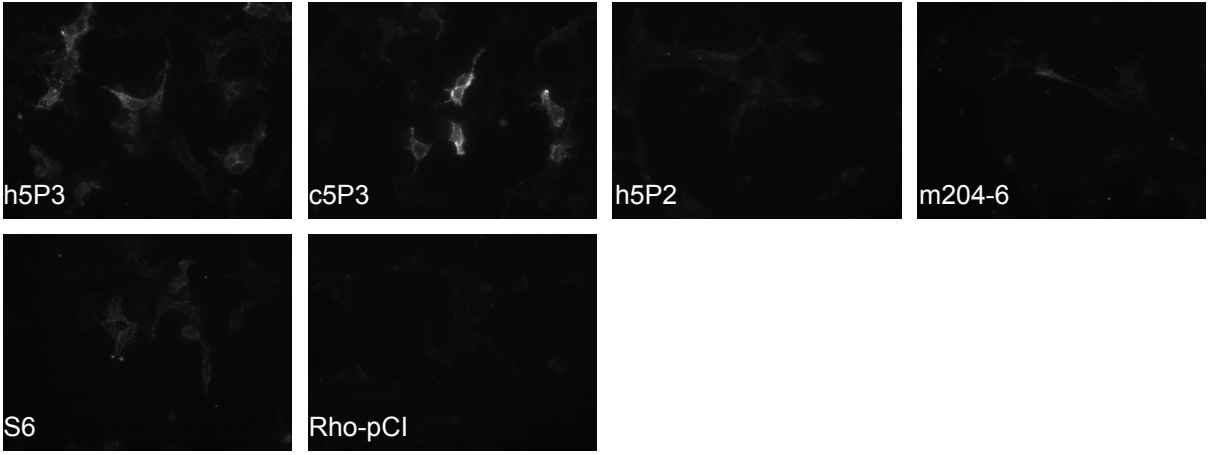

Cy3 Intensity (abitrary units)
250000
200000
150000
100000
50000
0
**
***
*
*
*
h10G7
c10G7
m10G7
h10G3
h10G4
h10G6
h10G8
h10G9
m223-3
S6
Rho-pCI

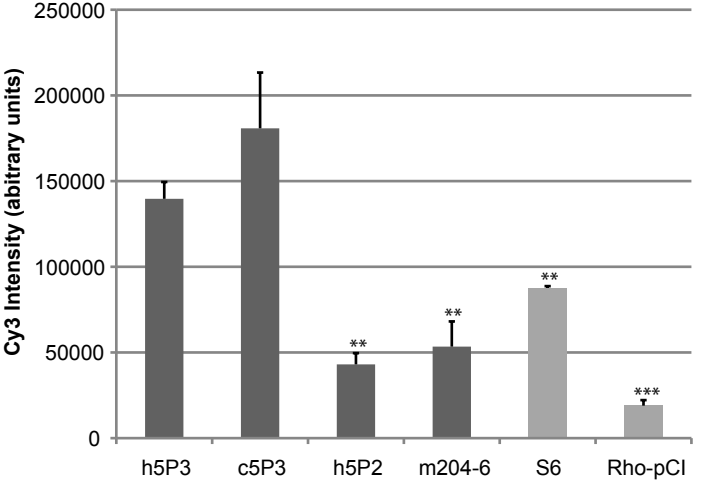

x 10^5
OR10G7
rs=−0.02 p=0.98
Cy3 Intensity (a.u.)
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
h10G6
c10G7
m223-3
m10G7
h10G3
h10G9
h10G7
h10G4
h10G8
−8
−7
−6
−5
−4
−3
EC50 Log(M)

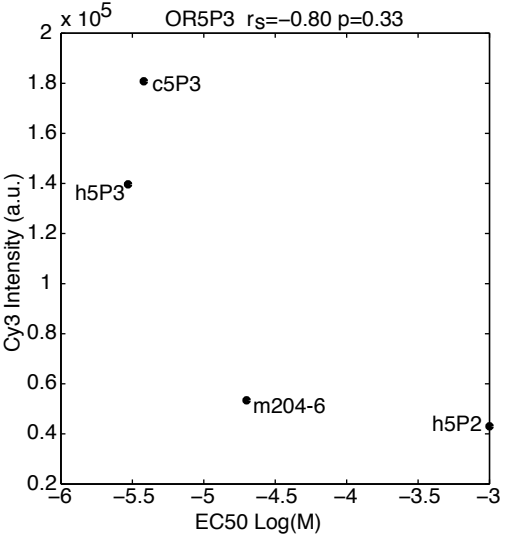

h5K1
c5K1
m5K1
h5K2
h5K3
h5K4
m184-3
S6
Rho-pCI

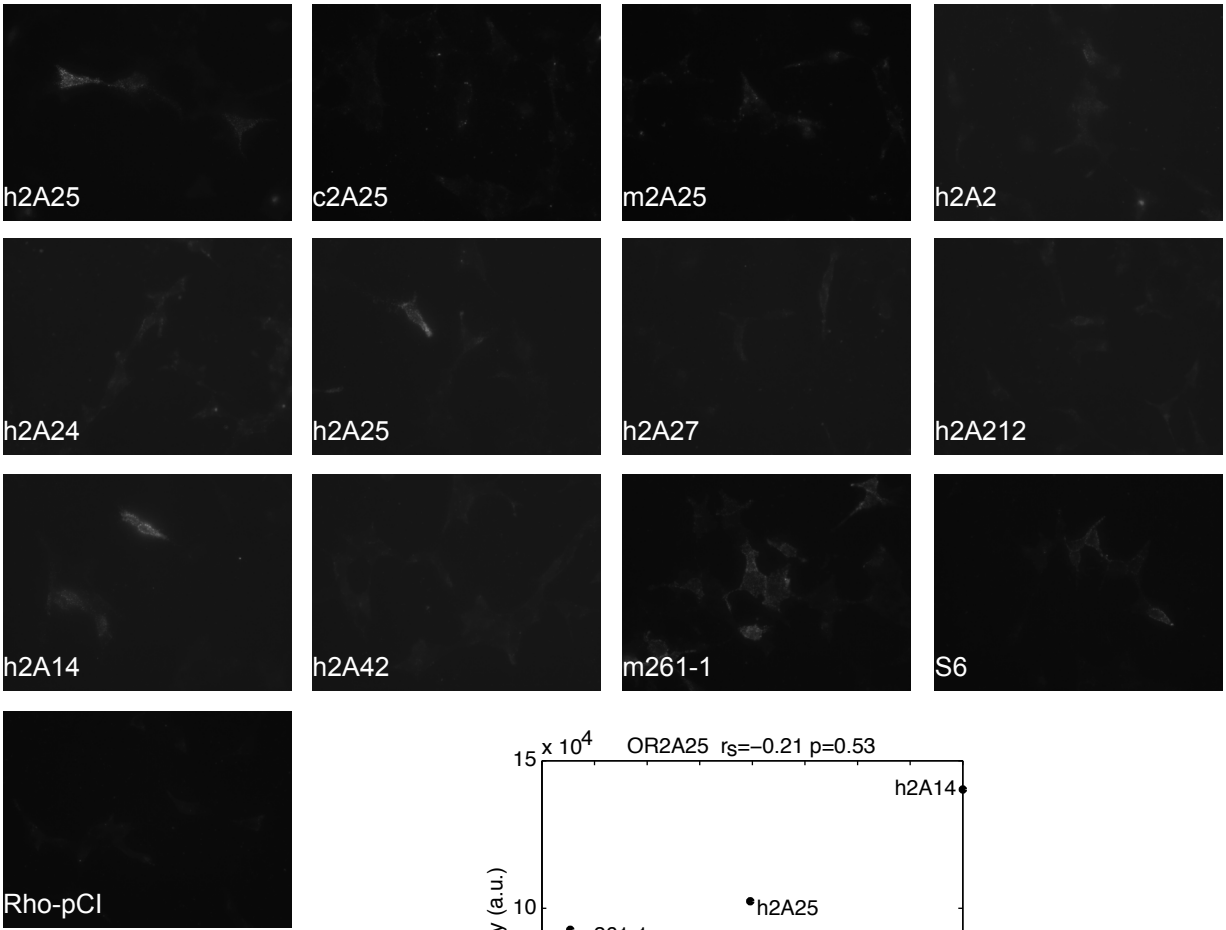

Cy3 Intensity (abitrary units)
300000
250000
200000
150000
100000
50000
0
**
*
**
**
**
**
h5K1
c5K1
m5K1
h5K2
h5K3
h5K4
m184-3
S6
Rho-pCI

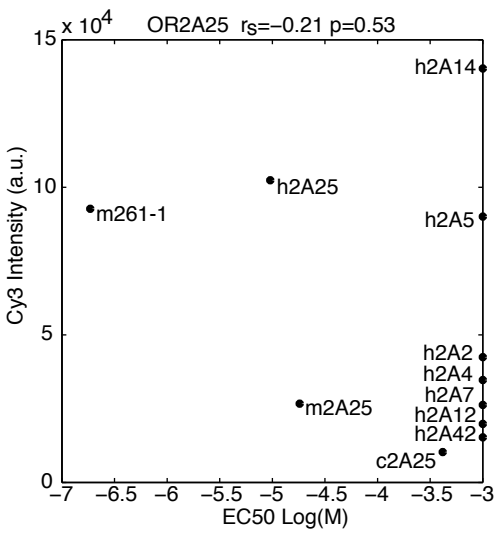

x 10^5
OR5K1 rs=−0.63 p=0.13
Cy3 Intensity (a.u.)
2.5
2
1.5
1
0.5
0
m184-3
h5K1
c5K1
m5K1
h5K2
h5K4
h5K3
−5.5
−5
−4.5
−4
−3.5
−3
EC50 Log(M)

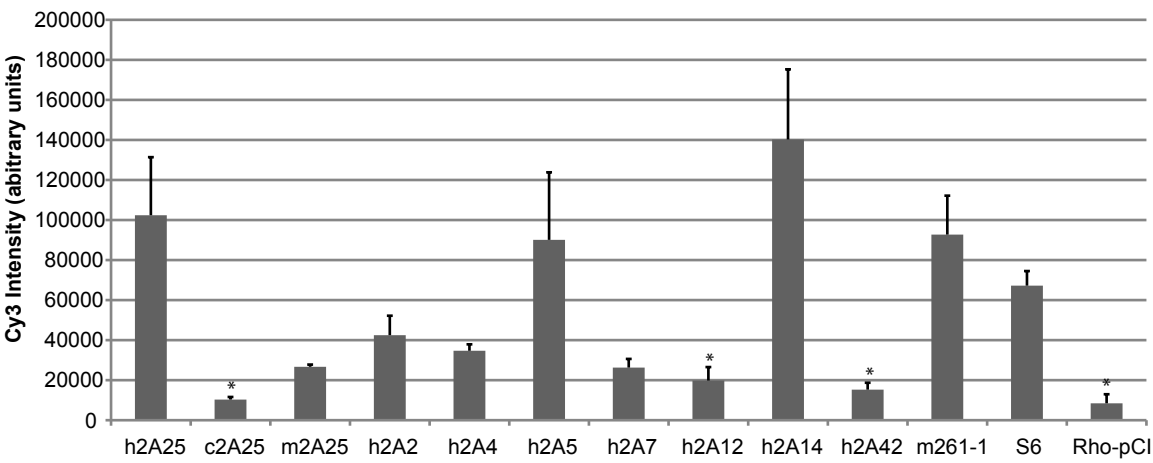

h5P3
c5P3
h5P2
m204-6
S6
Rho-pCI

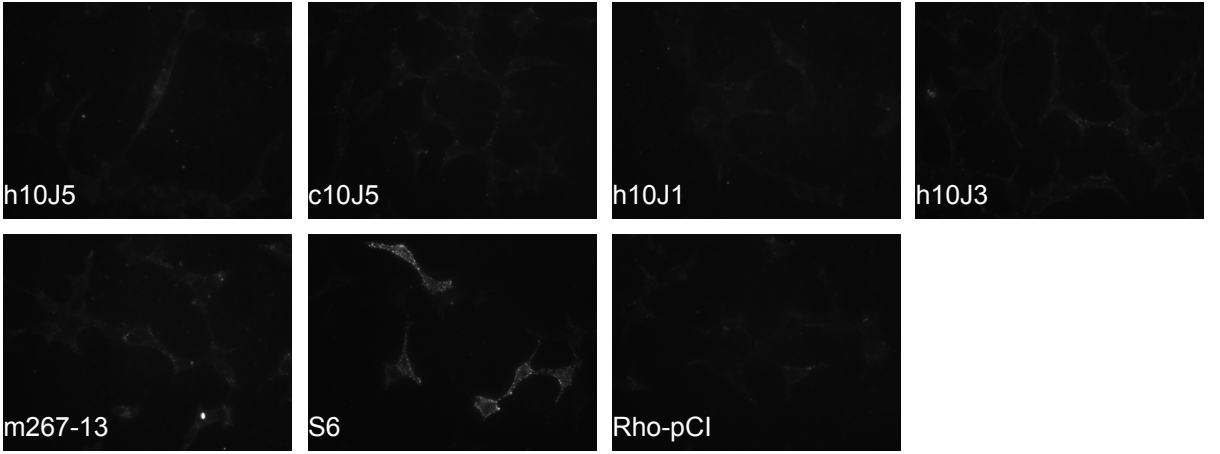

Cy3 Intensity (abitrary units)
250000
200000
150000
100000
50000
0
**
**
**
***
h5P3
c5P3
h5P2
m204-6
S6
Rho-pCI

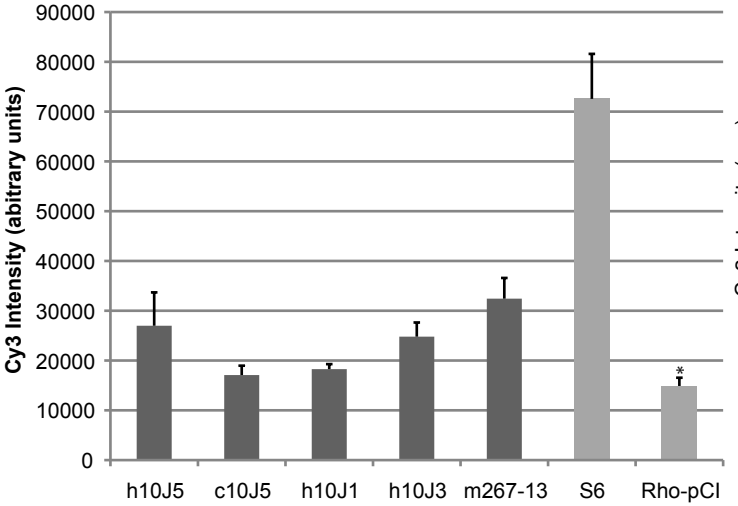

x 10^5
OR5P3 rs=−0.80 p=0.33
Cy3 Intensity (a.u.)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
c5P3
h5P3
m204-6
h5P2
−6
−5.5
−5
−4.5
−4
−3.5
−3
EC50 Log(M)

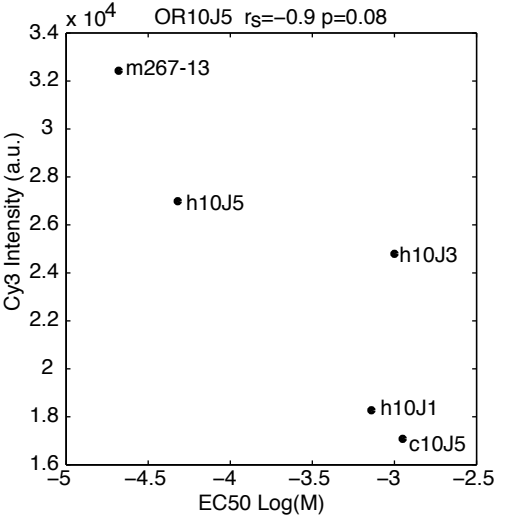

h2A25
c2A25
m2A25
h2A2
h2A24
h2A25
h2A27
h2A212
h2A14
h2A42
m261-1
S6
Rho-pCI

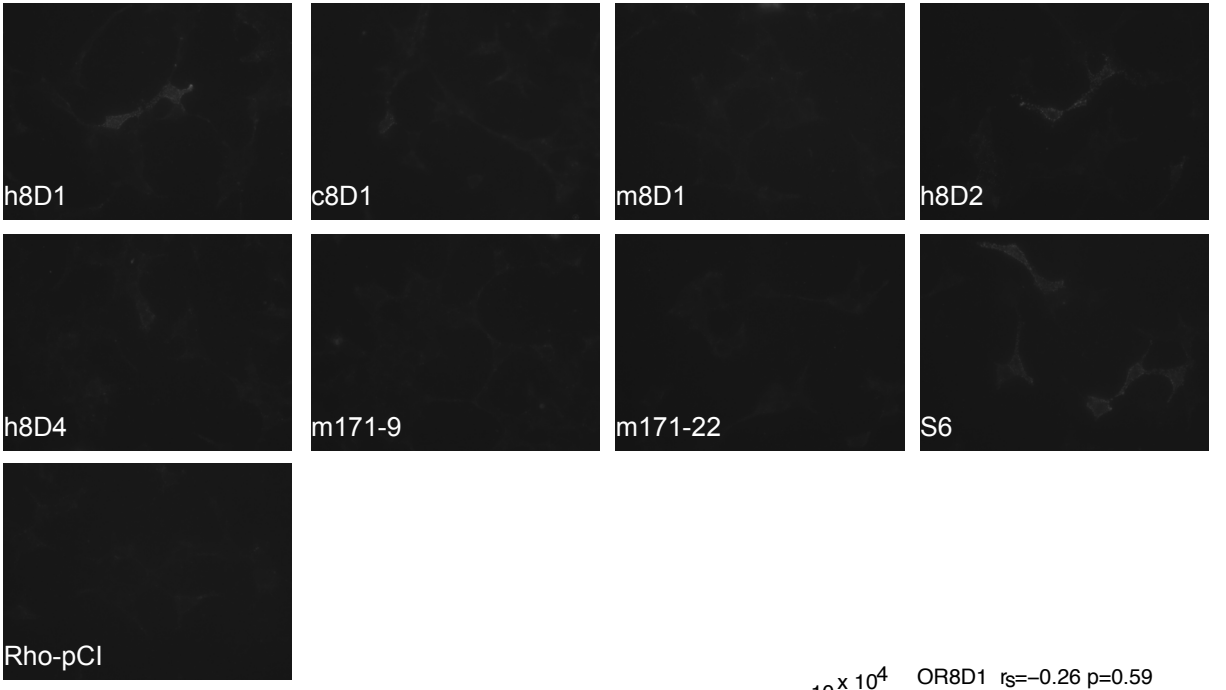

x 10^4
OR2A25 rs=−0.21 p=0.53
Cy3 Intensity (a.u.)
EC50 Log(M)
h2A14
h2A25
m261-1
h2A5
h2A2
h2A4
h2A7
h2A12
h2A42
m2A25
c2A25
15
10
5
0
−7
−6.5
−6
−5.5
−5
−4.5
−4
−3.5
−3

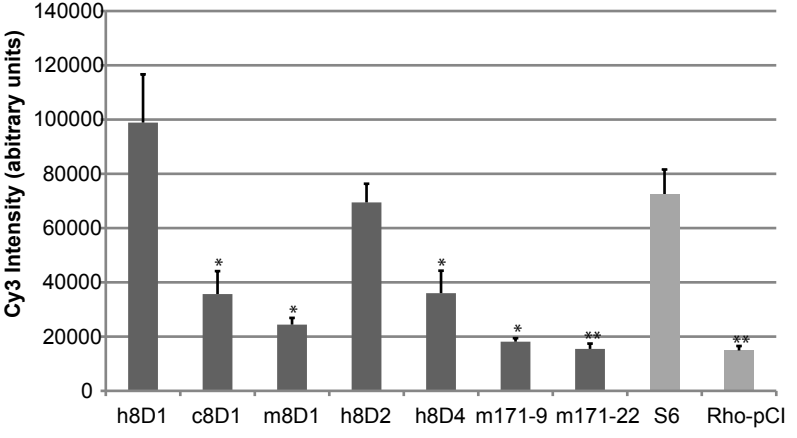

Cy3 Intensity (abitrary units)
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
h2A25
c2A25
m2A25
h2A2
h2A4
h2A5
h2A7
h2A12
h2A14
h2A42
m261-1
S6
Rho-pCI

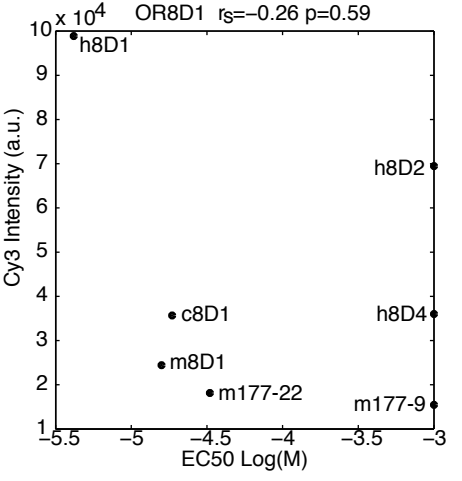

h10J5
c10J5
h10J1
h10J3
m267-13
S6
Rho-pCI

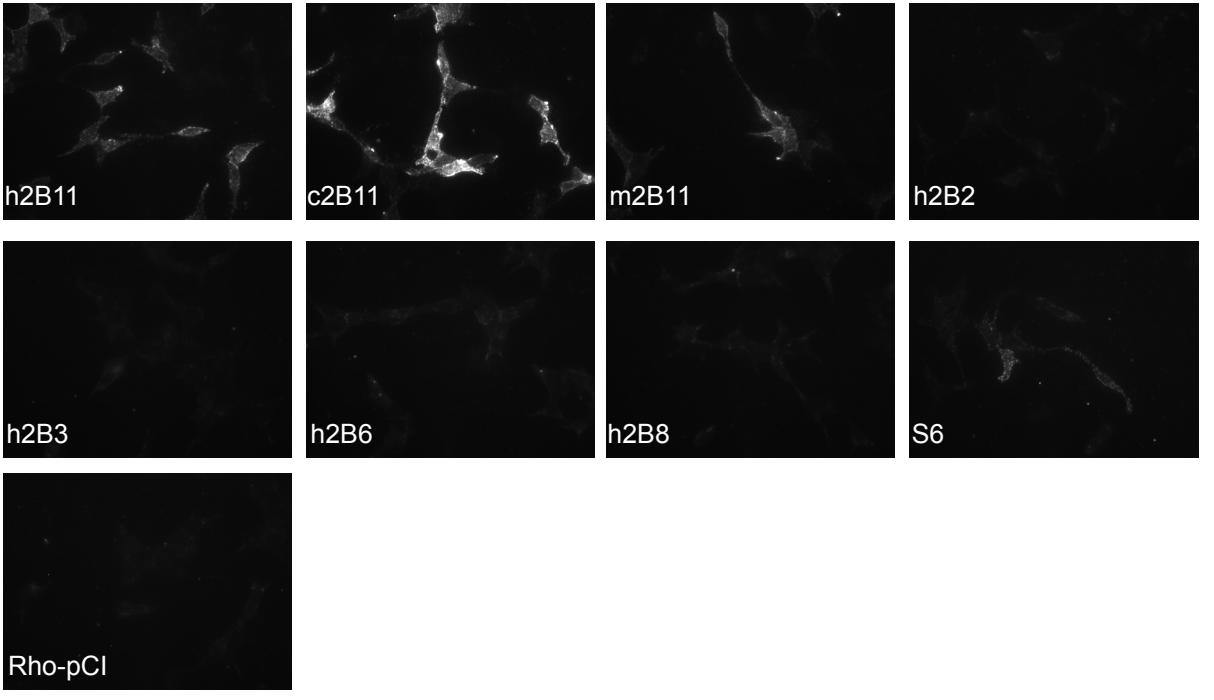

Cy3 Intensity (abitrary units)
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
*
h10J5
c10J5
h10J1
h10J3
m267-13
S6
Rho-pCI

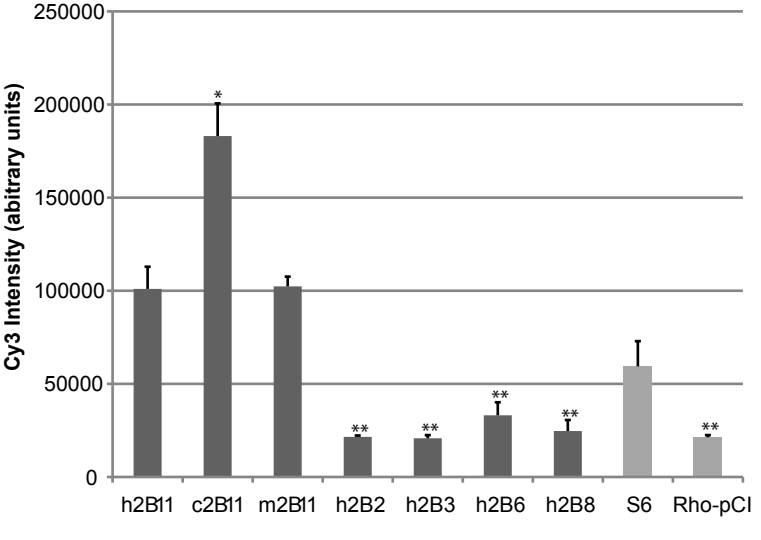

x 10^4
OR10J5 rs=−0.9 p=0.08
Cy3 Intensity (a.u.)
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
m267-13
h10J5
h10J3
h10J1
c10J5
−5
−4.5
−4
−3.5
−3
−2.5
EC50 Log(M)

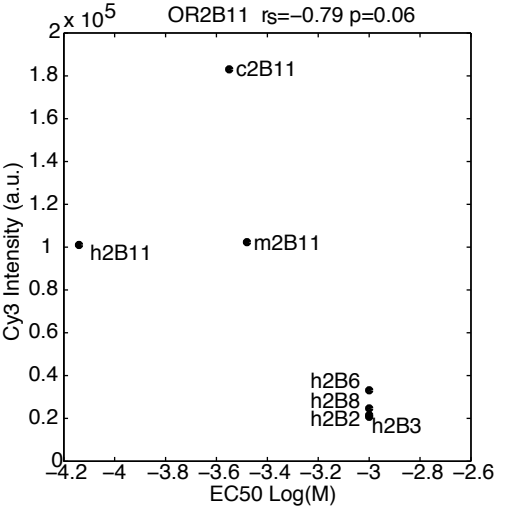

h8D1
c8D1
m8D1
h8D2
h8D4
m171-9
m171-22
S6
Rho-pCI

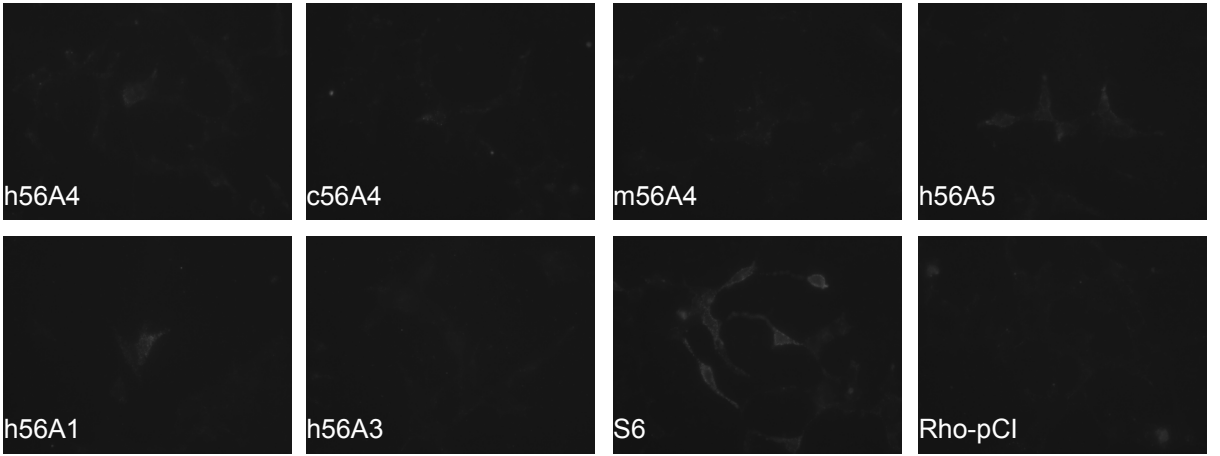

Cy3 Intensity (abitrary units)
140000
120000
100000
80000
60000
40000
20000
0
*
*
*
*
**
**
h8D1
c8D1
m8D1
h8D2
h8D4
m171-9
m171-22
S6
Rho-pCI

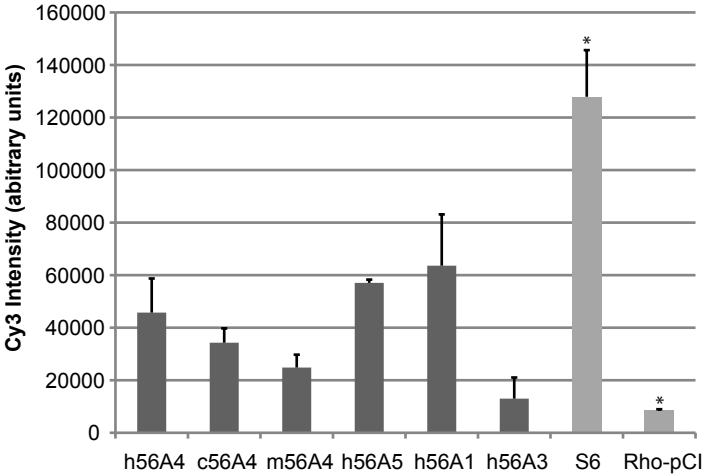

x 10^4
OR8D1 rs=−0.26 p=0.59
Cy3 Intensity (a.u.)
10
9
8
7
6
5
4
3
2
1
h8D1
h8D2
c8D1
h8D4
m8D1
m177-22
m177-9
−5.5
−5
−4.5
−4
−3.5
−3
EC50 Log(M)

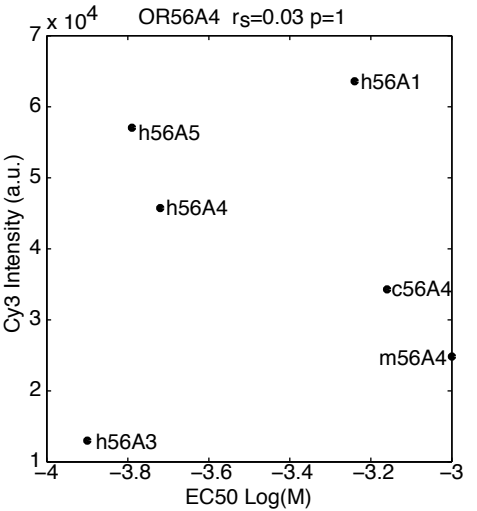

h2B11
c2B11
m2B11
h2B2
h2B3
h2B6
h2B8
S6
Rho-pCI

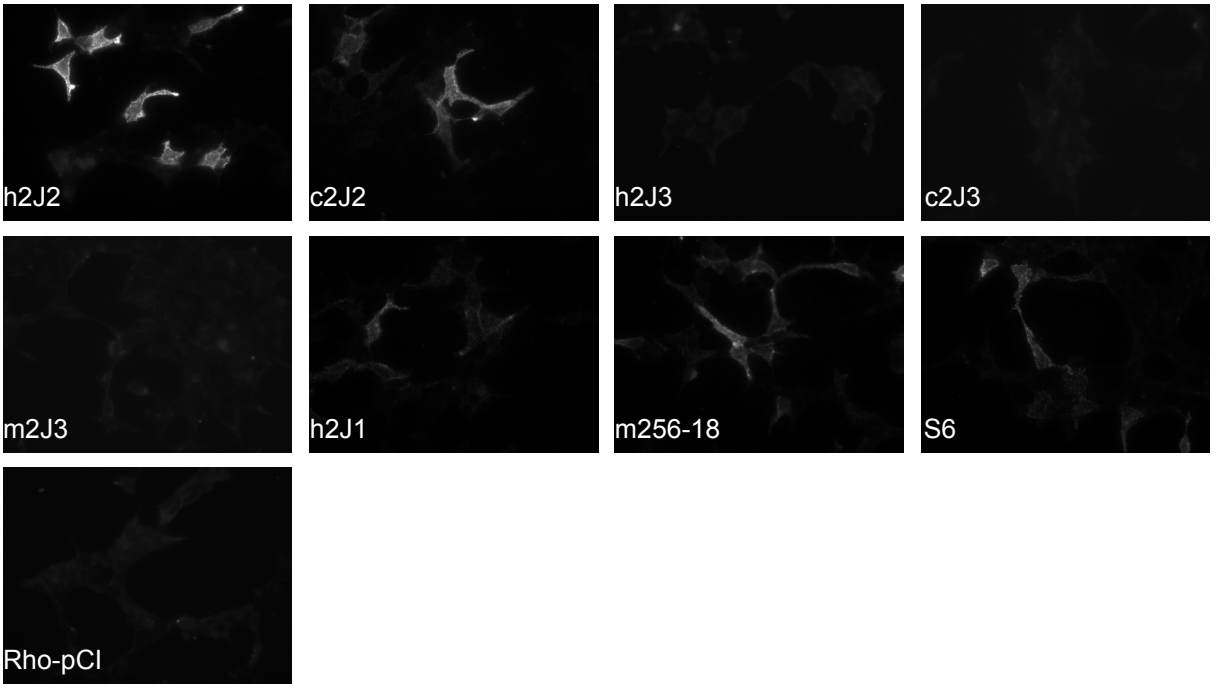

Cy3 Intensity (abitrary units)
250000
200000
150000
100000
50000
0
*
**
h2B11
c2B11
m2B11
h2B2
h2B3
h2B6
h2B8
S6
Rho-pCI

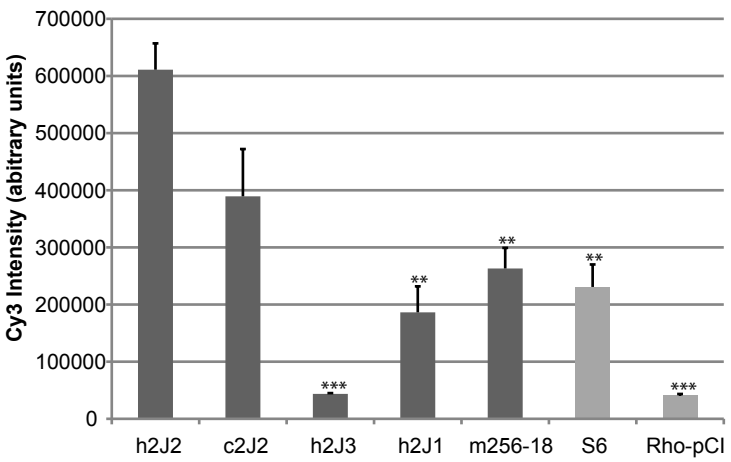

OR2B11 rs=−0.79 p=0.06
x 10^5
Cy3 Intensity (a.u.)
EC50 Log(M)
c2B11
m2B11
h2B11
h2B6
h2B8
h2B2
h2B3
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−4.2
−4
−3.8
−3.6
−3.4
−3.2
−3
−2.8
−2.6

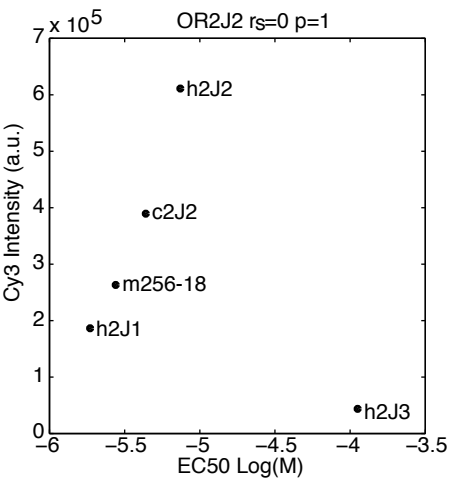

h56A4
c56A4
m56A4
h56A5
h56A1
h56A3
S6
Rho-pCI

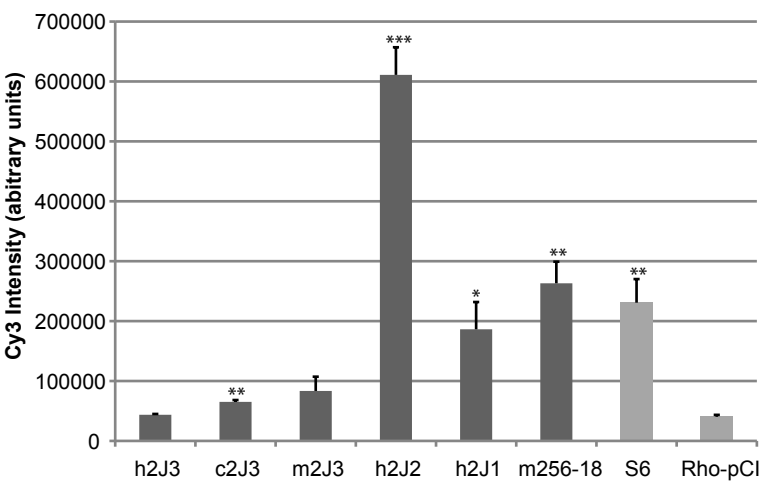

Cy3 Intensity (abitrary units)
160000
140000
120000
100000
80000
60000
40000
20000
0
*
*
h56A4
c56A4
m56A4
h56A5
h56A1
h56A3
S6
Rho-pCI

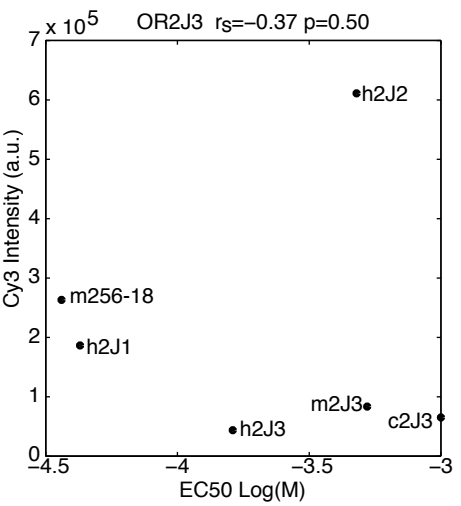

x 10^4
OR56A4 rs=0.03 p=1
Cy3 Intensity (a.u.)
7
6
5
4
3
2
1
h56A1
h56A5
h56A4
c56A4
m56A4
h56A3
−4
−3.8
−3.6
−3.4
−3.2
−3
EC50 Log(M)


h2J2
c2J2
h2J3
c2J3
m2J3
h2J1
m256-18
S6
Rho-pCI


Cy3 Intensity (abitrary units)
700000
600000
500000
400000
300000
200000
100000
0
***
**
**
**
***
h2J2
c2J2
h2J3
h2J1
m256-18
S6
Rho-pCI


OR2J2 rs=0 p=1
x 10^5
Cy3 Intensity (a.u.)
7
6
5
4
3
2
1
0
h2J2
c2J2
m256-18
h2J1
h2J3
−6
−5.5
−5
−4.5
−4
−3.5
EC50 Log(M)


Cy3 Intensity (abitrary units)
700000
600000
500000
400000
300000
200000
100000
0
**
***
*
**
**
h2J3
c2J3
m2J3
h2J2
h2J1
m256-18
S6
Rho-pCI


OR2J3 rs=−0.37 p=0.50
x 10^5
Cy3 Intensity (a.u.)
7
6
5
4
3
2
1
0
h2J2
m256-18
h2J1
m2J3
h2J3
c2J3
−4.5
−4
−3.5
−3
EC50 Log(M)