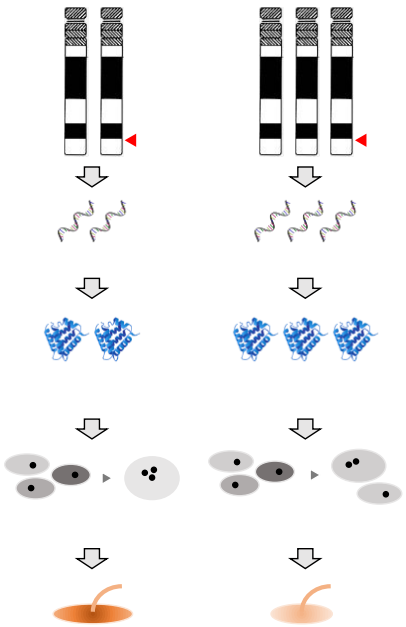
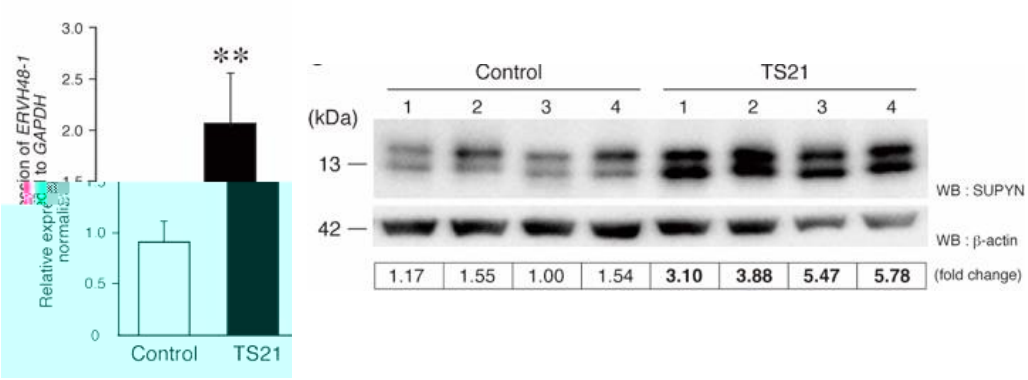
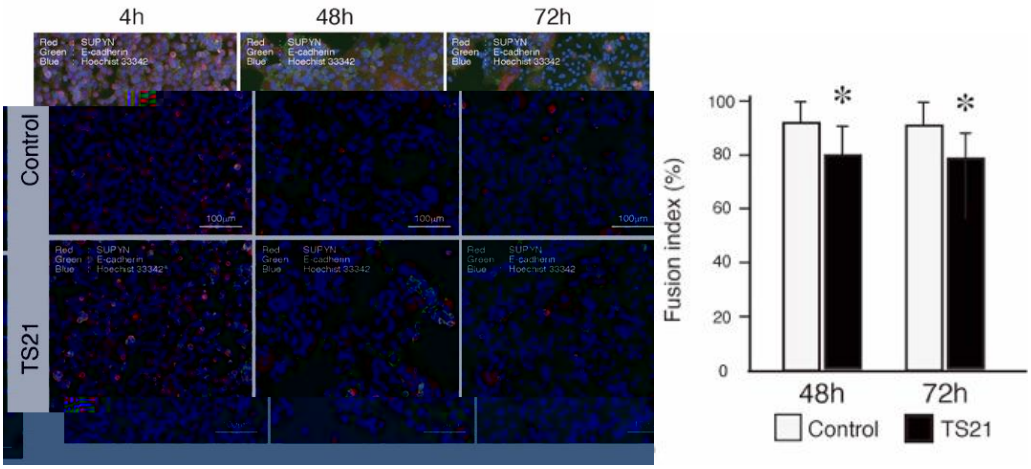
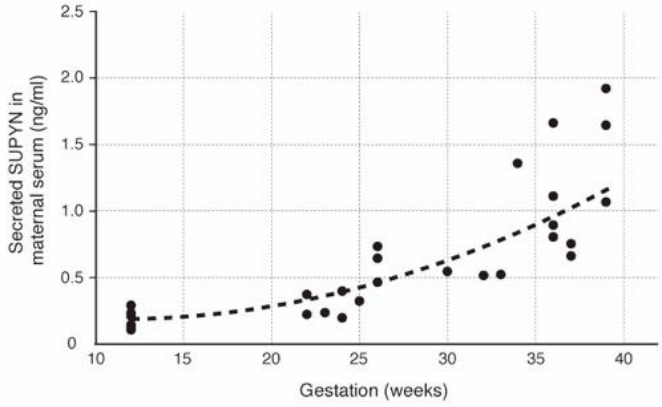
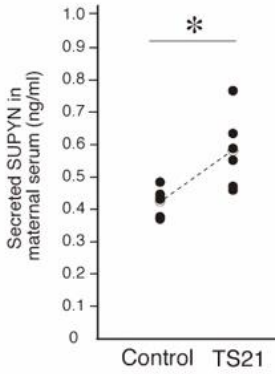



3.0
2.5
2.0
1.0
0.5
0
**
Control
TS21
Control
TS21
(kDa)
1 2 3 4 1 2 3 4
13
42
WB : SUPYN
WB : β-actin
1.17 1.55 1.00 1.54 3.10 3.88 5.47 5.78
(fold change)


4h
48h
72h
Control
TS21
100μm
Fusion index (%)
100
80
60
40
20
0
*
*
48h
72h
Control
TS21


Secreted SUPYN in maternal serum (ng/ml)
2.5
2.0
1.5
1.0
0.5
0
10
15
20
25
30
35
40
Gestation (weeks)


Secreted SUPYN in maternal serum (ng/ml)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
*
Control
TS21