

O B

E B- (E

), 1, 2)

13, M

13, M

13, M

O B

E B- (E

J

), 1, 2)

13, M

13, M

13, M

- -, ,, -0

/

-1

I

10 NMM (- - , , -

G G 41(/ - (. - 14
(;) ())

, O B E B- (E

), 1, 2)

J

13, M

13,

M

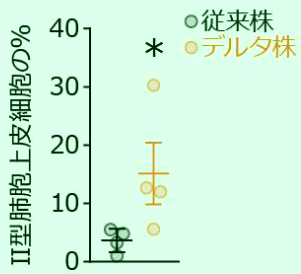
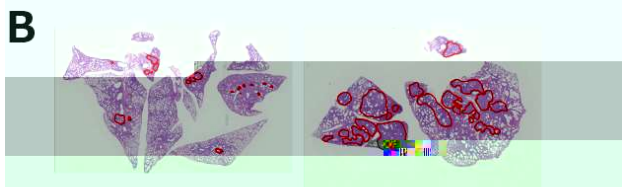
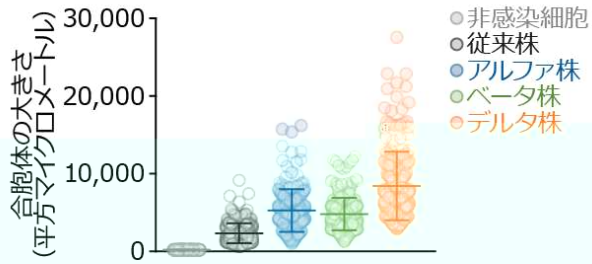
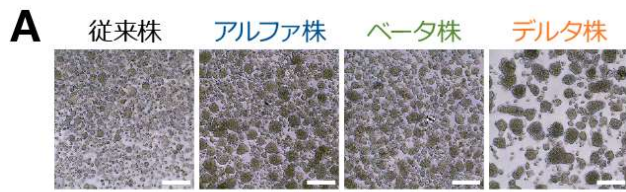
A

J

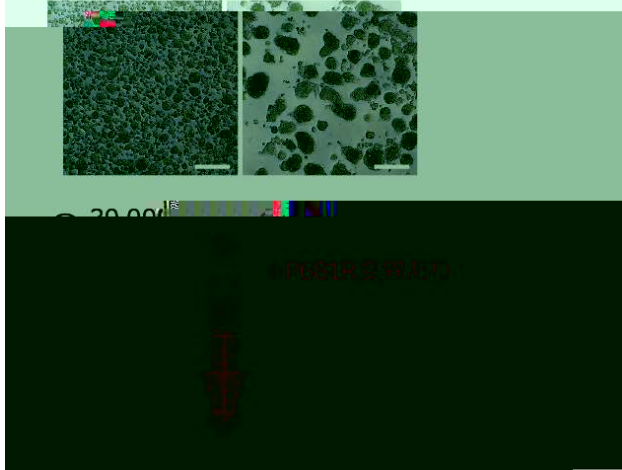
), 1, 2)), 1, 2)), 1, 0),

J D (, 4

G - - 1 - -
5*)) ()) * * * * , 0)



C P681R変異なし P681R変異あり



< ' @1*OH MNN
 2-
 < 13, M
 ID
 ID
 ' 7) 0)
 N