HOKKAIDO UNIVERSITY

Title	Effect of introducing somatic mitochondria into an early embryo on zygotic gene activation
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Fig.S1

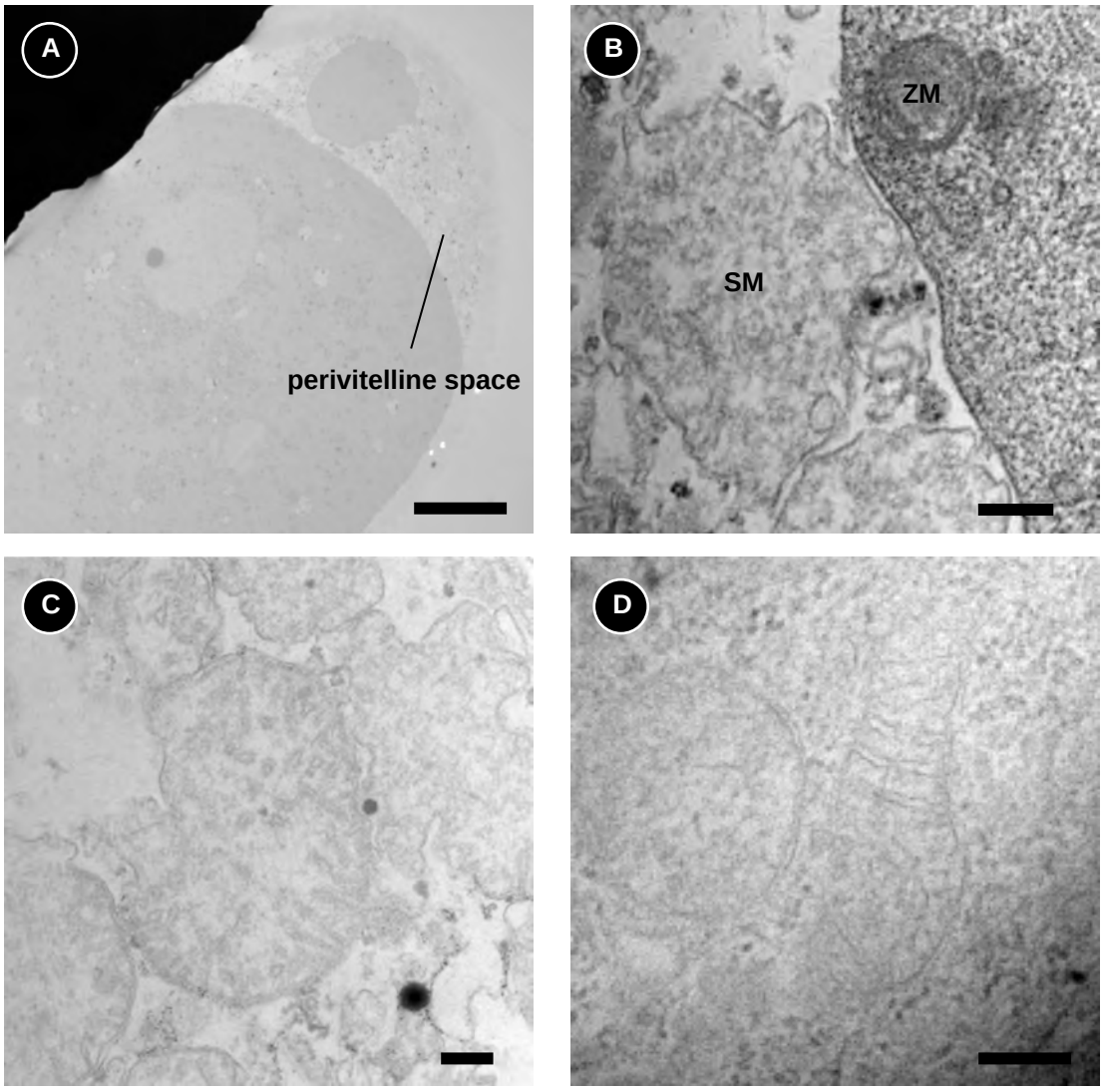


Fig.S2

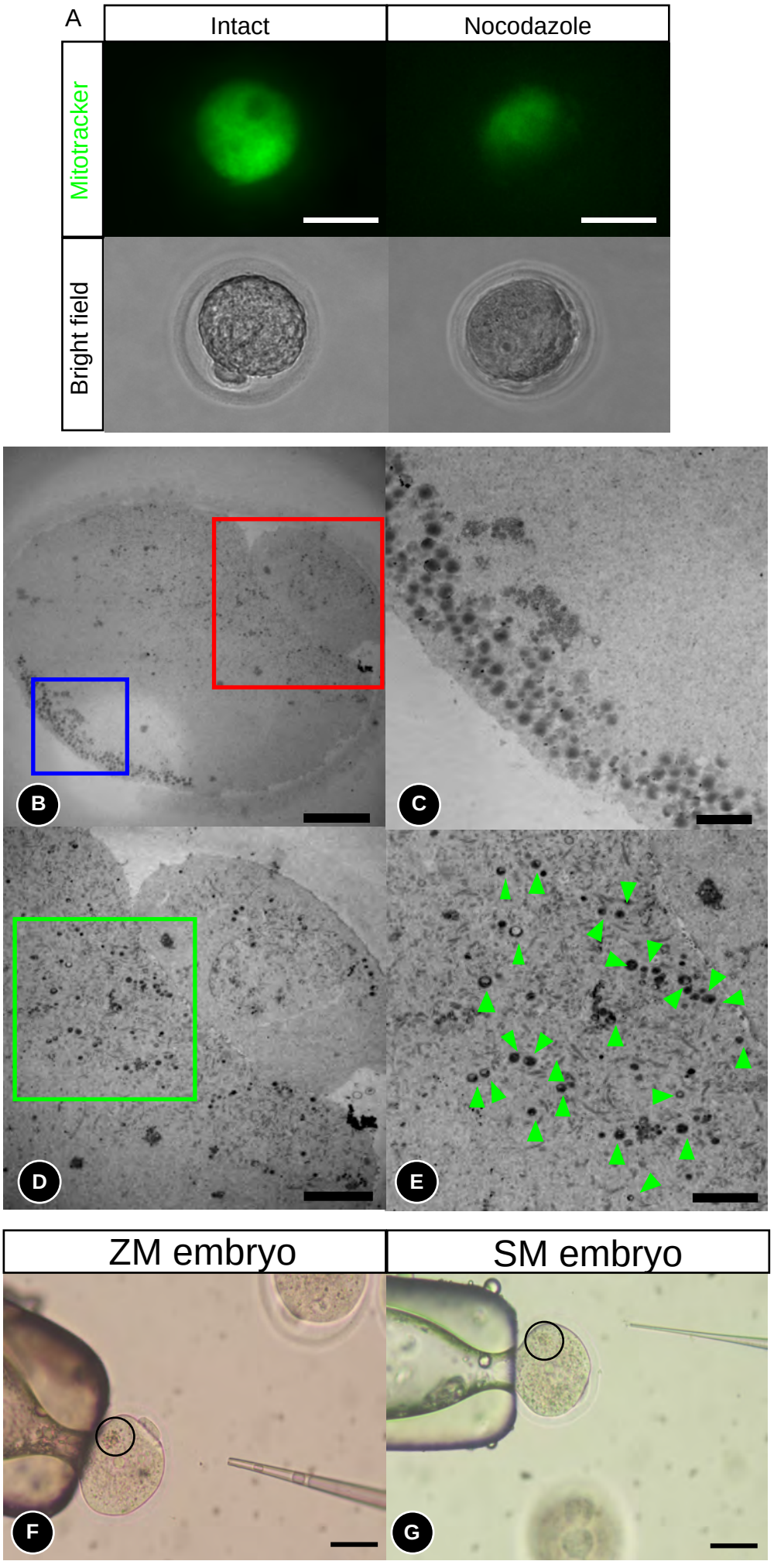

A
Intact
Nocodazole
Mitotracker
Bright field
B
C
D
E
ZM embryo
SM embryo
F
G

Fig.S3

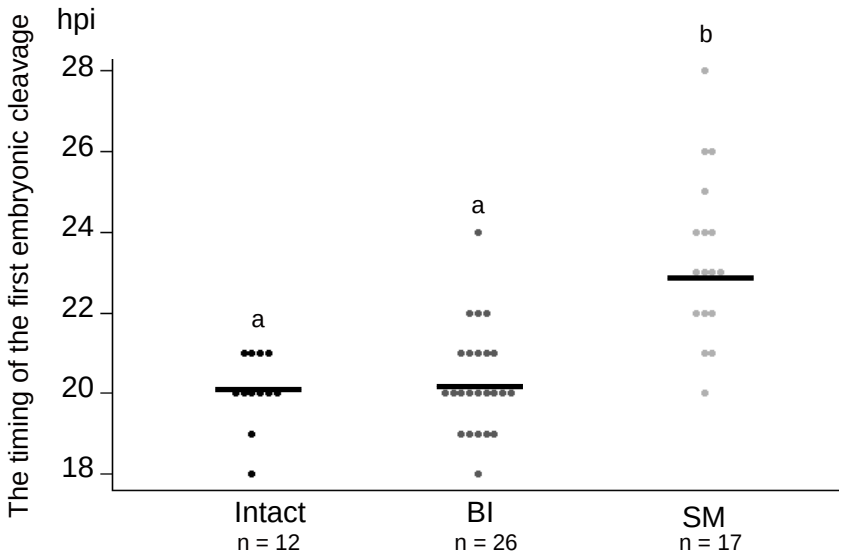
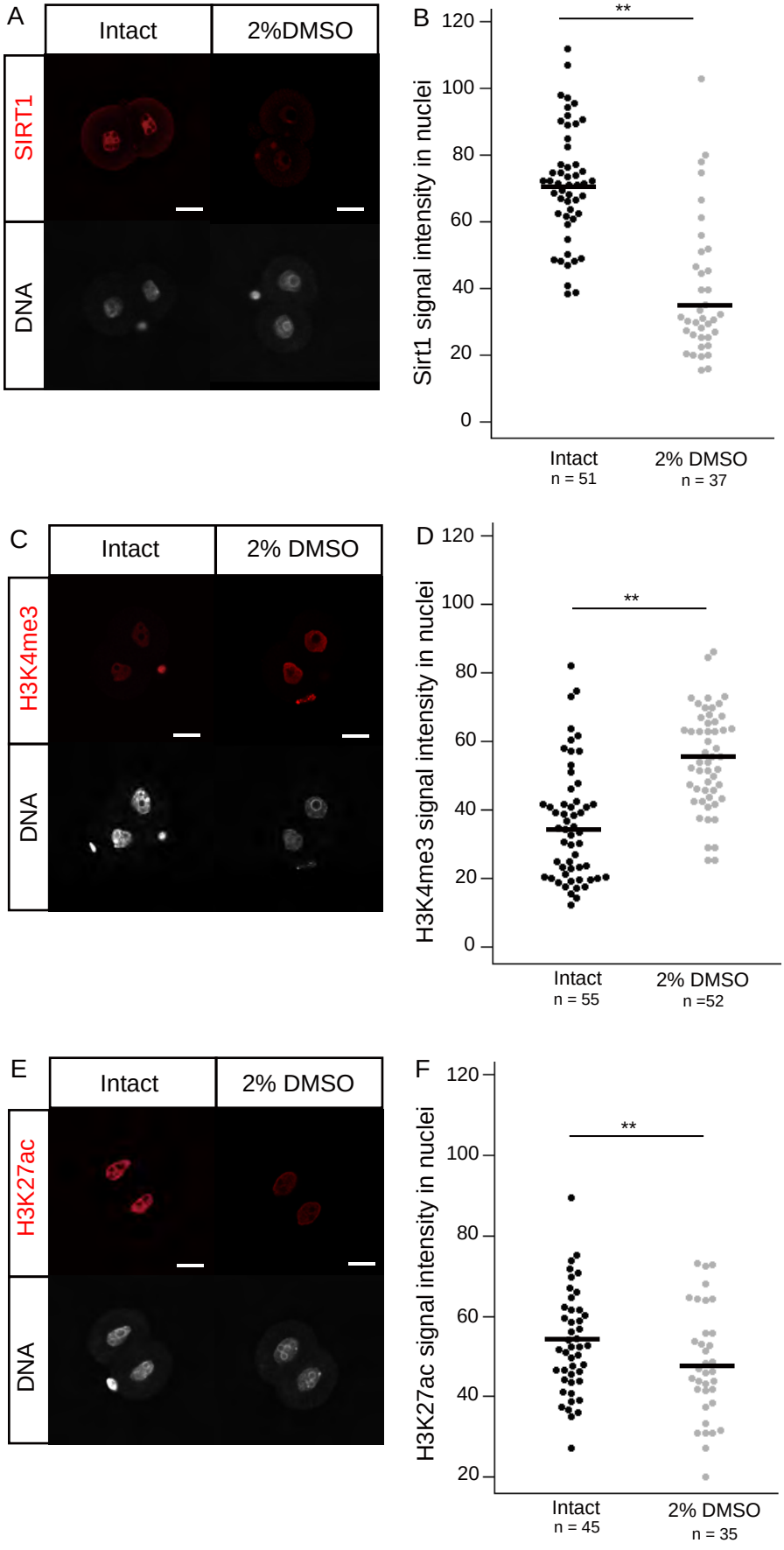

hpi
The timing of the first embryonic cleavage
28
26
24
22
20
18
a
a
b
Intact
n = 12
BI
n = 26
SM
n = 17

Fig.S4


A
Intact
2%DMSO
SIRT1
DNA
B
Sirt1 signal intensity in nuclei
120
100
80
60
40
20
0
**
Intact
n = 51
2% DMSO
n = 37
C
Intact
2% DMSO
H3K4me3
DNA
D
H3K4me3 signal intensity in nuclei
120
100
80
60
40
20
0
**
Intact
n = 55
2% DMSO
n =52
E
Intact
2% DMSO
H3K27ac
DNA
F
H3K27ac signal intensity in nuclei
120
100
80
60
40
20
**
Intact
n = 45
2% DMSO
n = 35