Tseng, Chun-Chih, Woolley, Thomas, Jiang, Ting-Xin, Wu, Ping, Maini, Philip, Widelitz, Randall and Chuong, Cheng-Ming 2024. Inhibition of gap junctions stimulates Turing-type periodic feather pattern formation during chick skin development. PLoS Biology

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Figure 1
Figure 2

Connexin30 (Cx30) in situ hybridization

A

St28
St31
St34
St35

St28
St31
St31+
St34
St35

B

St28-4h
St28
St28+8h
St28+12h
St28+14h

C

β-catenin
Connexin30

Embryo 1

Embryo 2

D

β-catenin

Embryo 1

Embryo 2

E

Grayscale
Inverted
Leveled

Merged (RGB)

Cx30
Cx43
β-catenin

F

β-catenin
Cx43
Cx30

β-catenin
Figure 3

Connexin43 (Cx43) in situ hybridization

A

B

Cx43

Cx43

Figure 3
Figure 4
Figure 5
Figure 6
Figure 7
Figure 8
Figure 9
Figure 11
Figure 12
Consecutive emergence of Turing patterning
(with the removal of the blue bud shown above)

Consecutive emergence of Turing patterning
(complemented by changing tissue landscape)

Figure 13
Figure S1
Figure S2
Figure S3
Tukey’s multiple comparisons test

<table>
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Figure S4