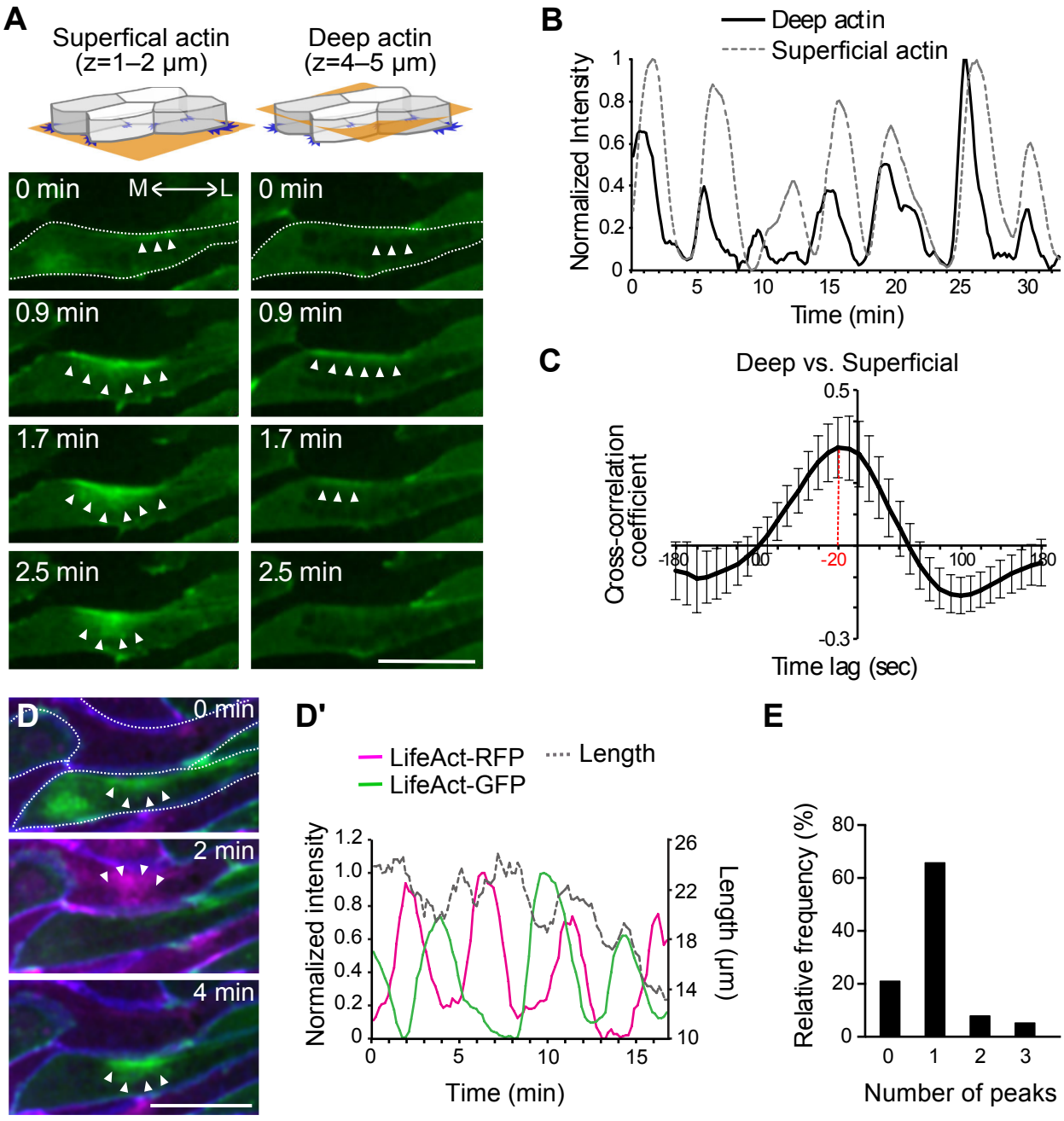

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Fig. 1

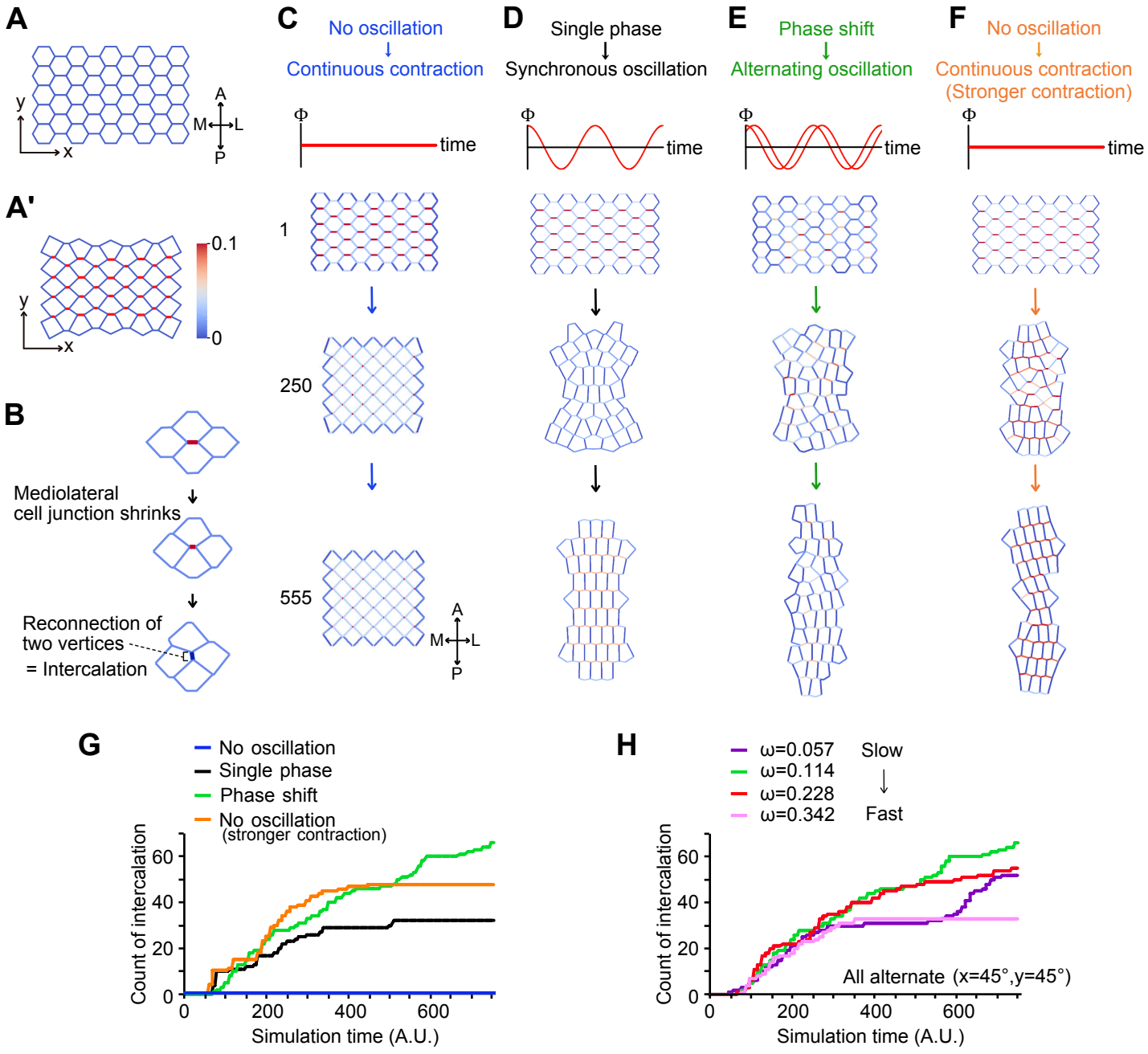

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Fig. 2

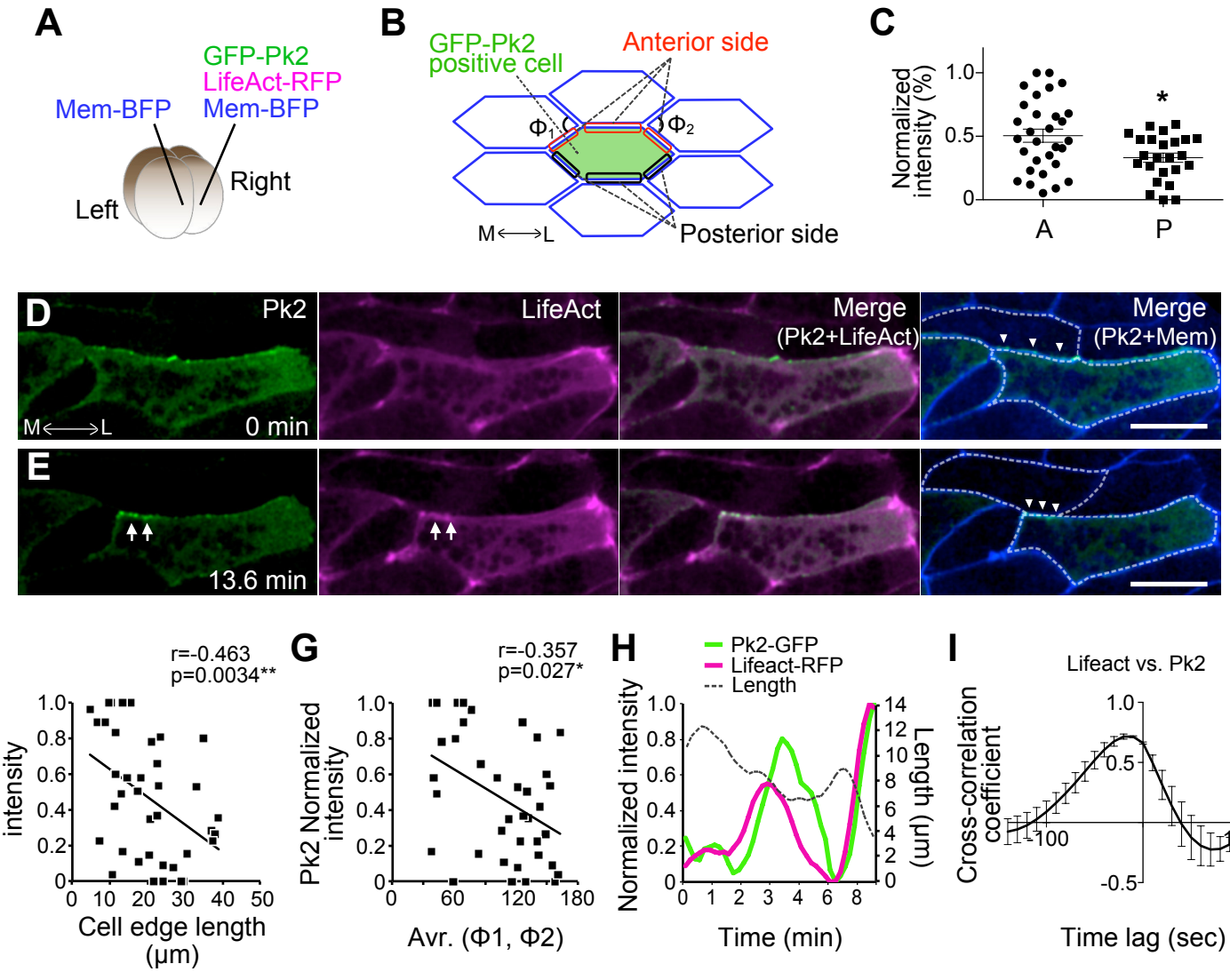

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Fig. 3

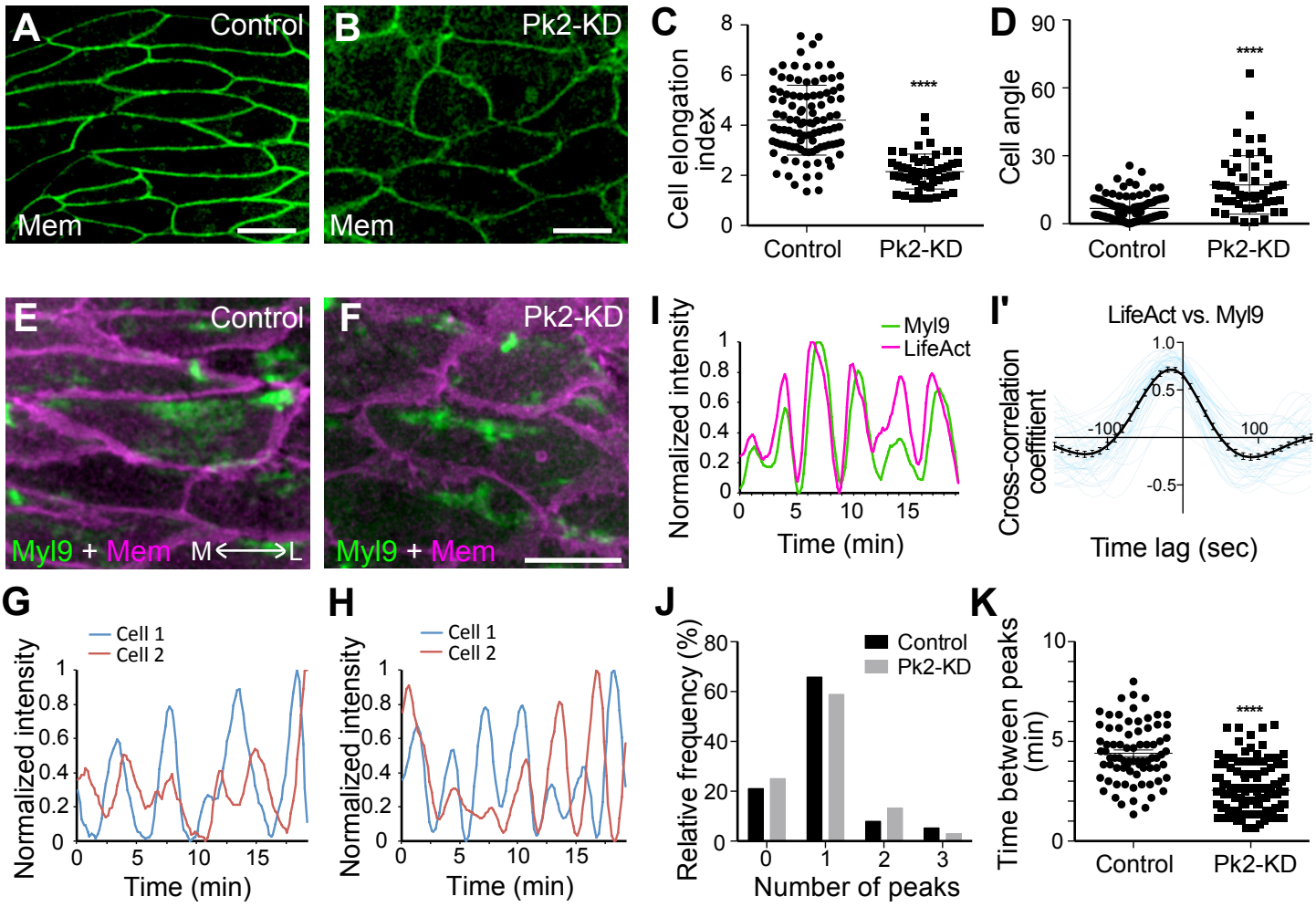

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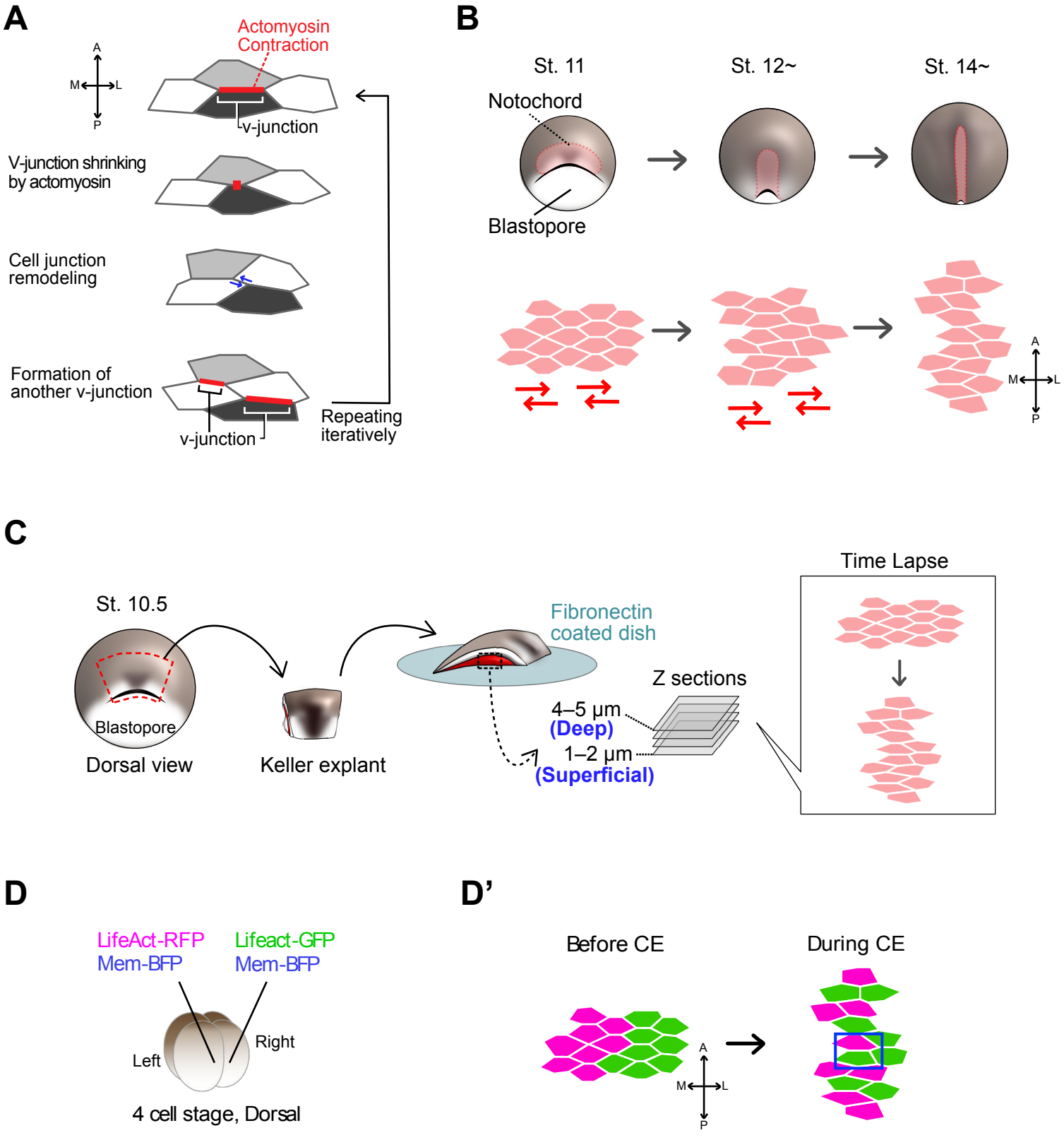
Fig. 4



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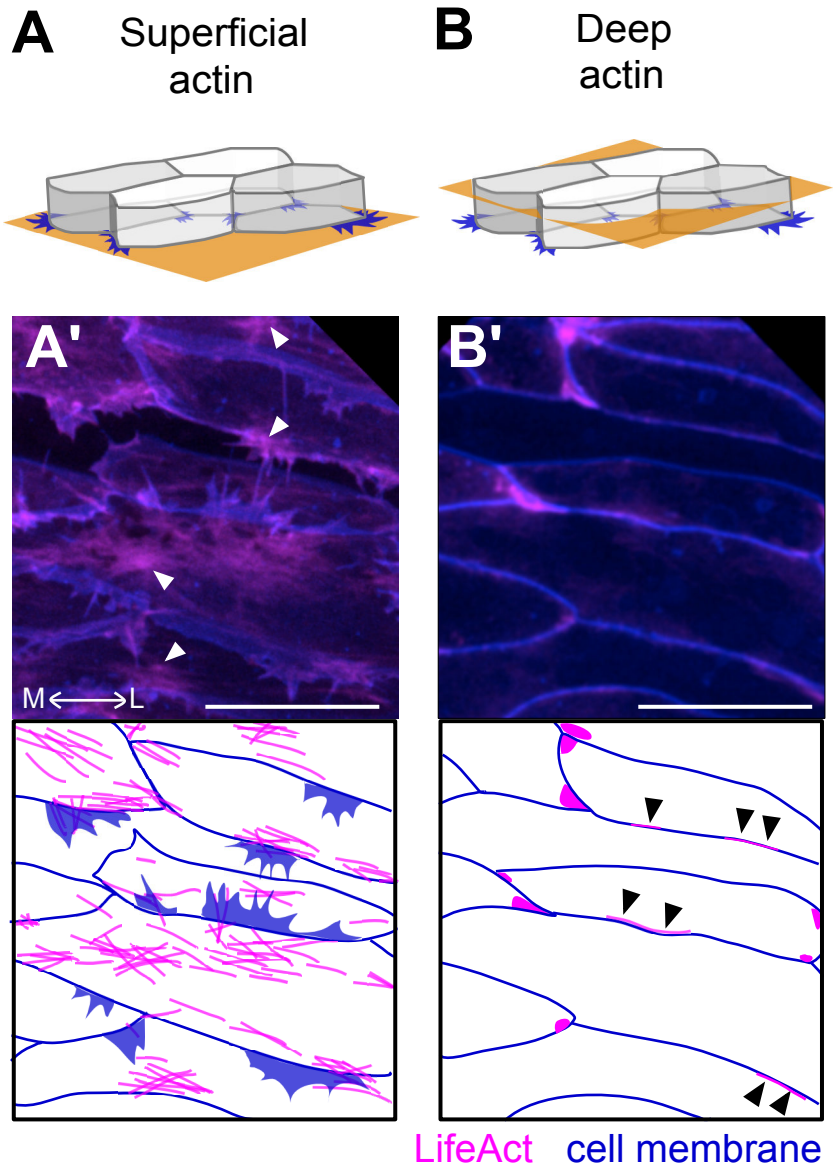
Suppl. Fig. 1



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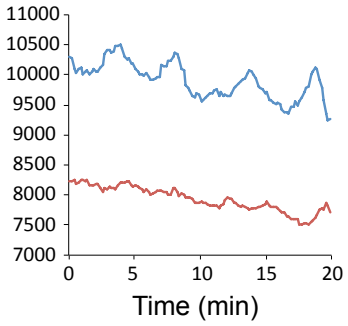
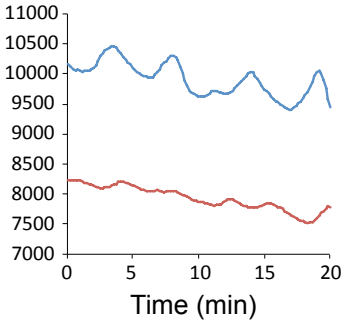
Suppl. Fig. 2

1. Raw intensity



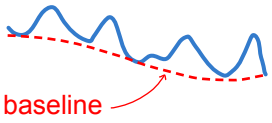
2. Smoothing (moving average)

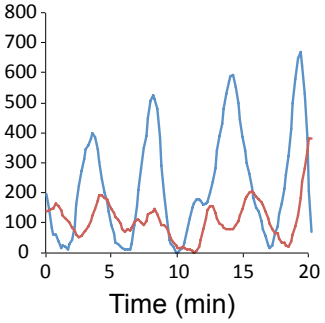
Time (sec)	Raw intensity	Moving average (Average of 5 time points)
0	10305.5	10163.0
10	10276.9	10125.5
20	10107.7	10071.5
30	10036.0	10060.0
40	10089.0	10069.3
50	10117.7	
60	10006.8	
70	10050.2	
80	10082.8	



3. Subtract baseline

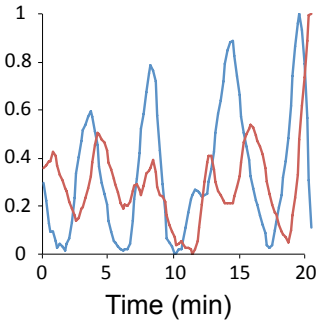
(Correction for background, bleaching)





4. Convert to ratio (0 to 1)

min=0, max=1



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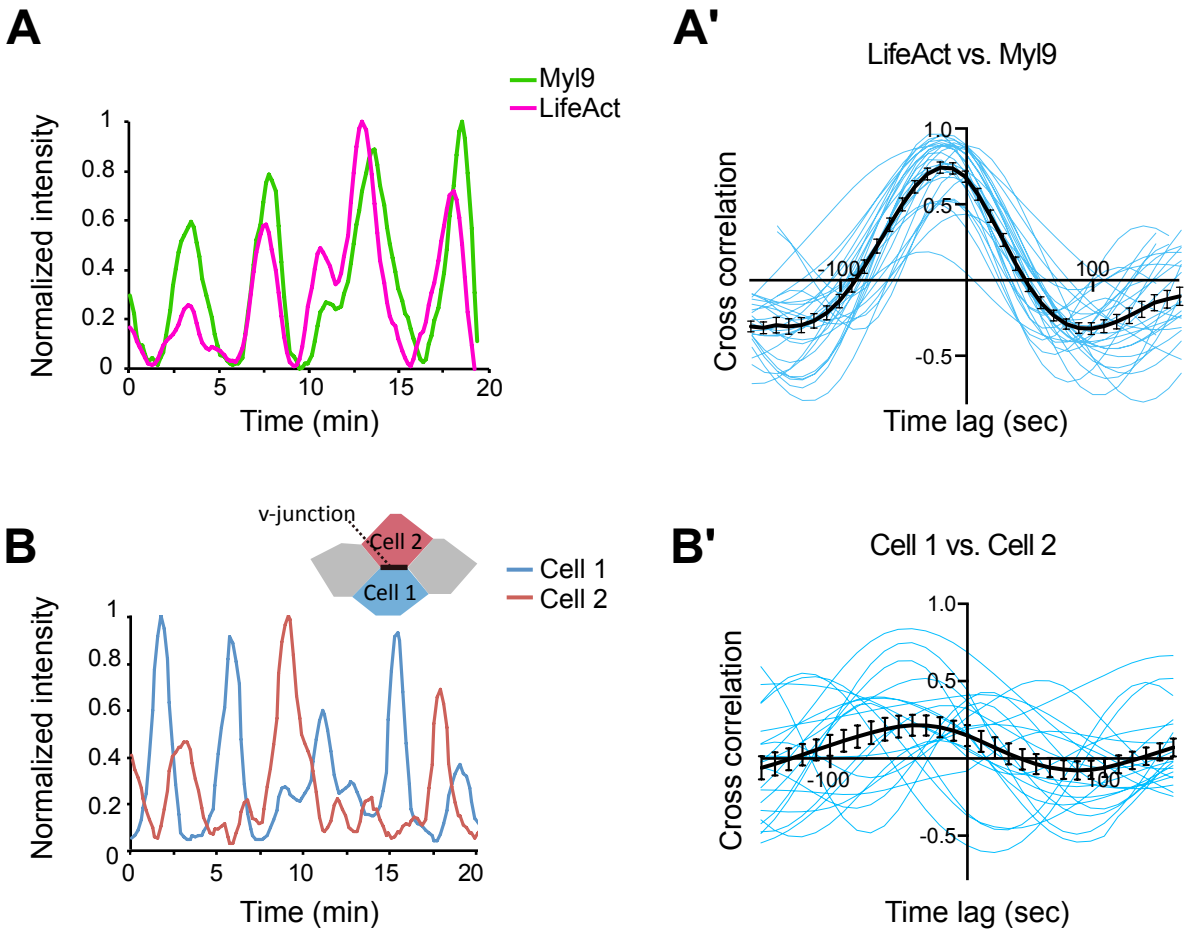
Suppl. Fig. 3



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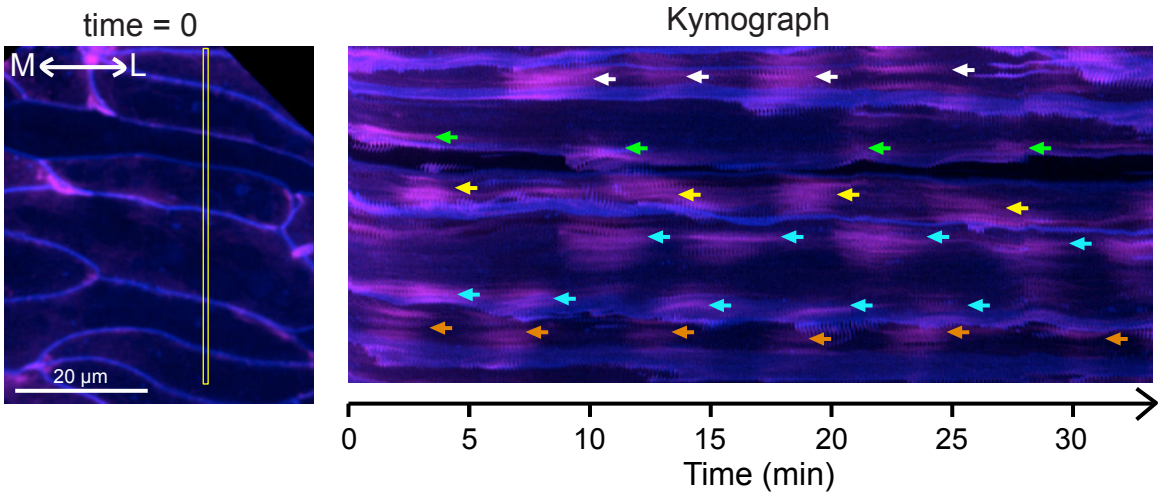
Suppl. Fig. 4



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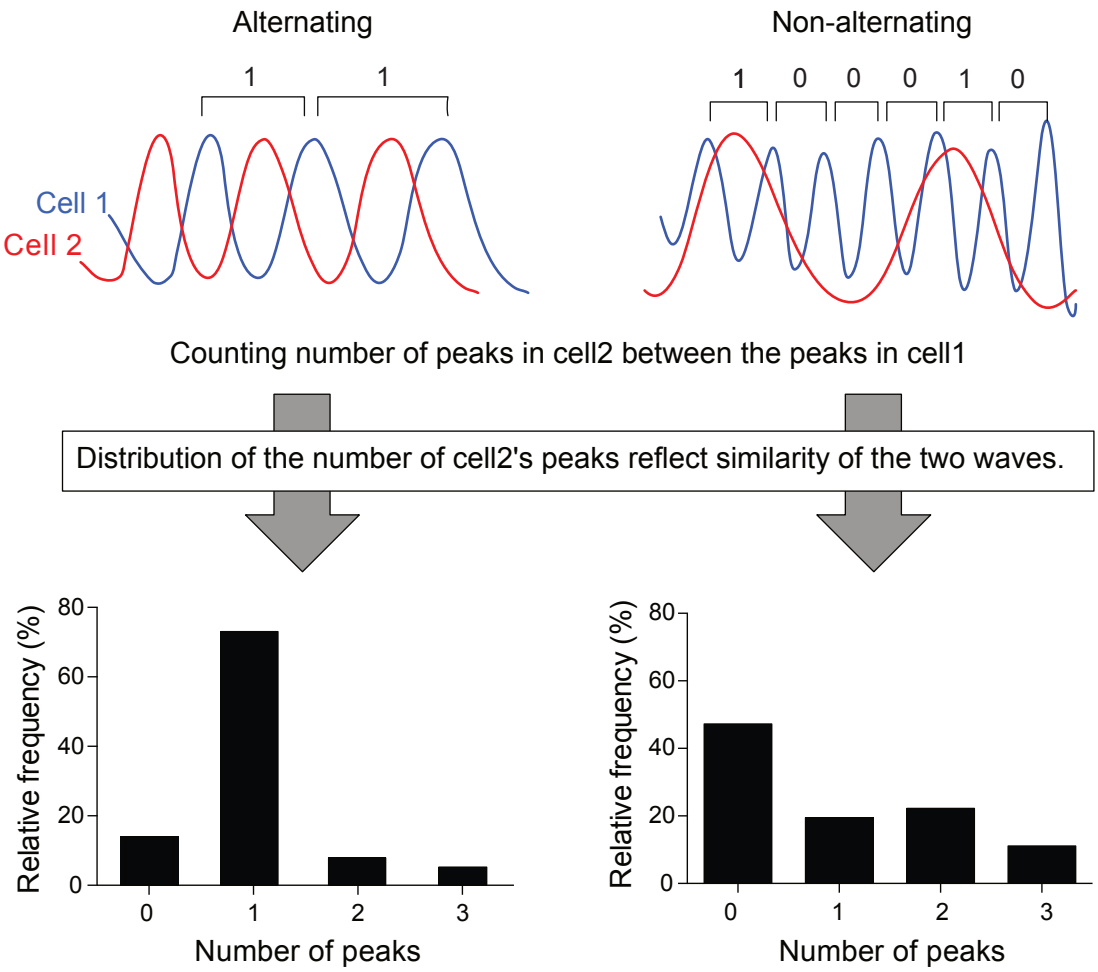
Suppl. Fig. 5



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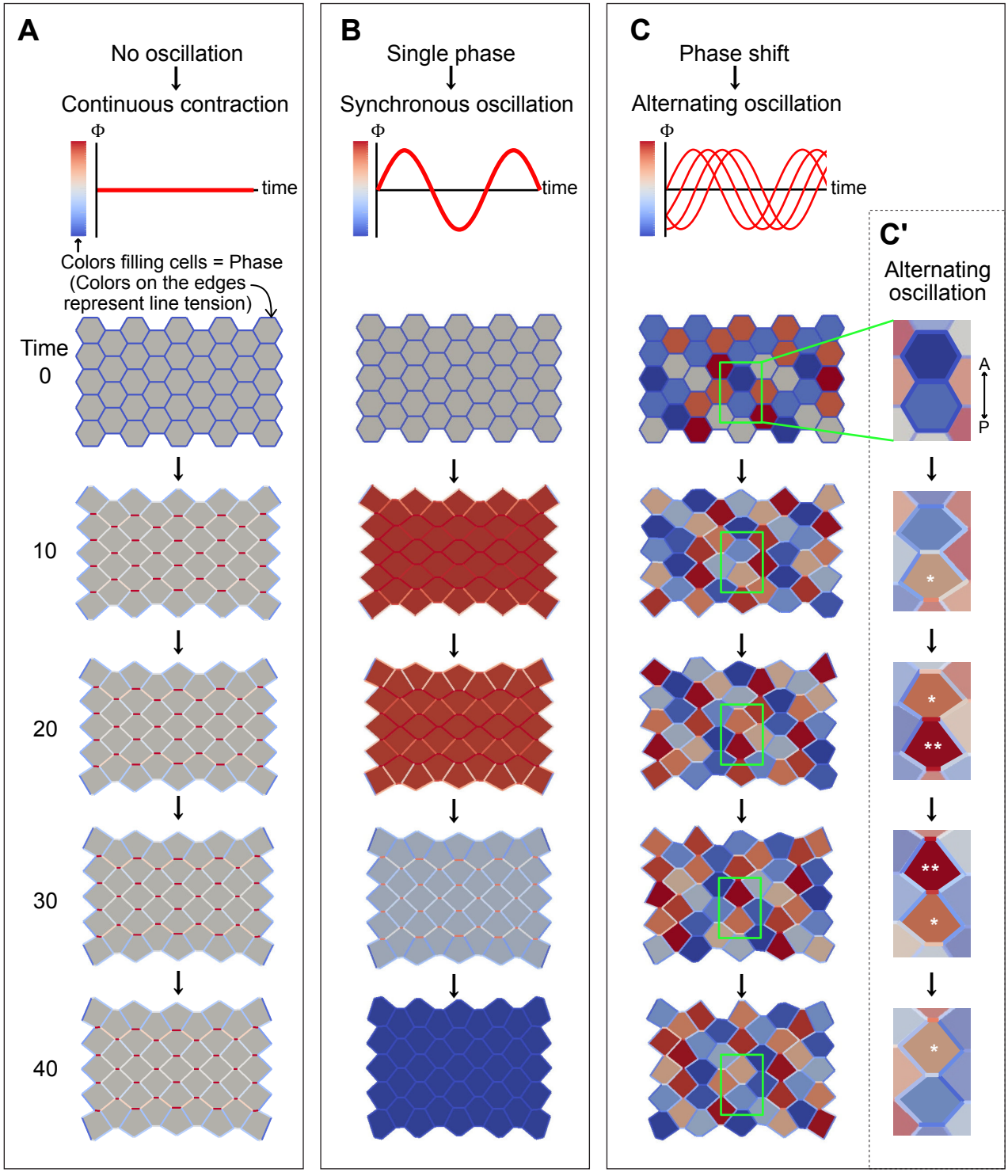
Suppl. Fig. 6



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Suppl. Fig. 7