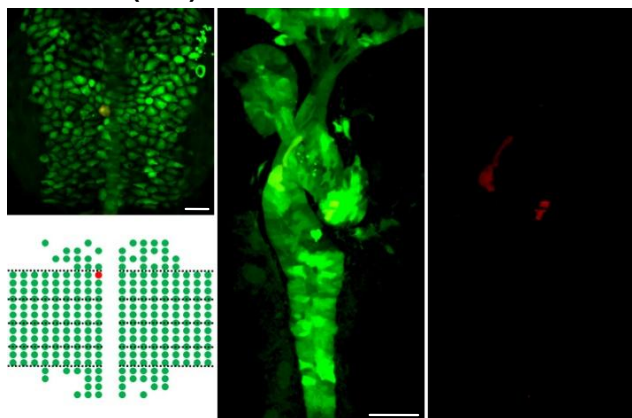
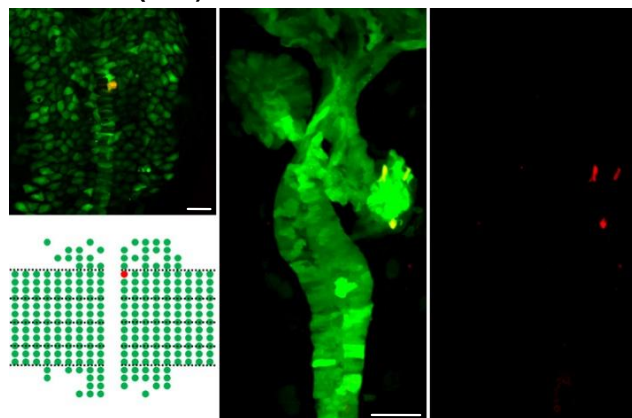


Dataset S1. Single-cell labeling and descendants tracing for all the 216 positions of early foregut endoderm underneath the levels between somite-1 and somite-4.

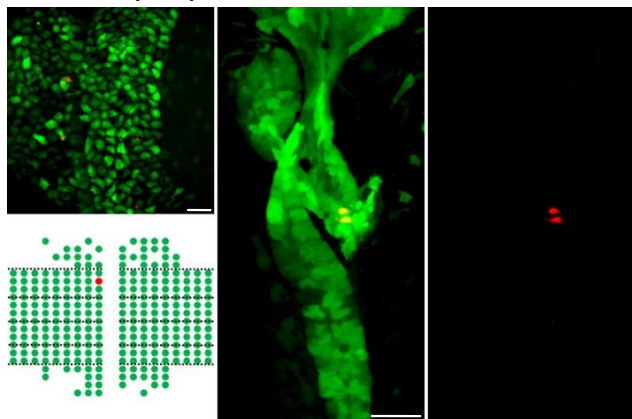
L-c1s1r1 (n=6)



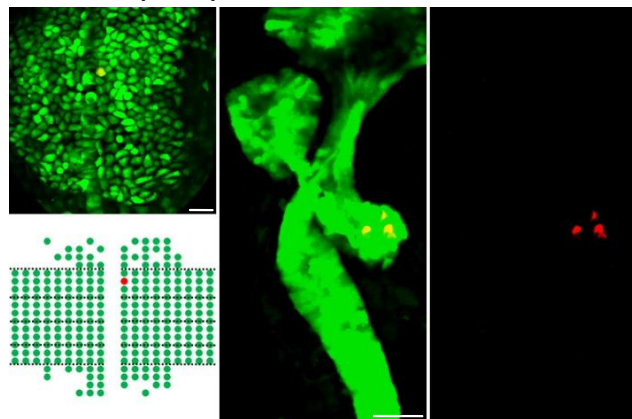
R-c1s1r1 (n=7)



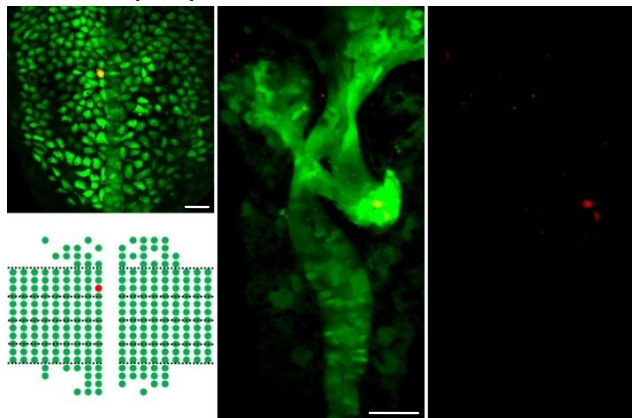
L-c1s1r2 (n=5)



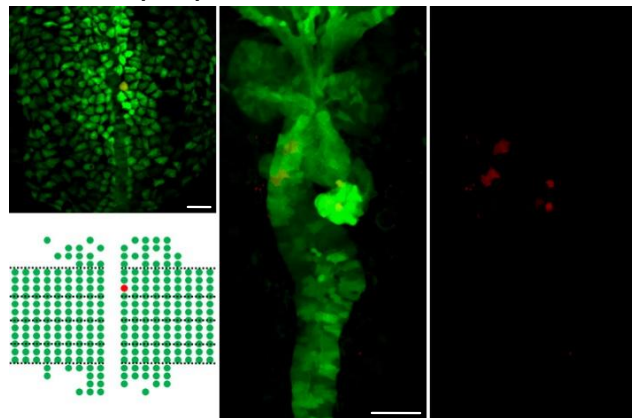
R-c1s1r2 (n=10)



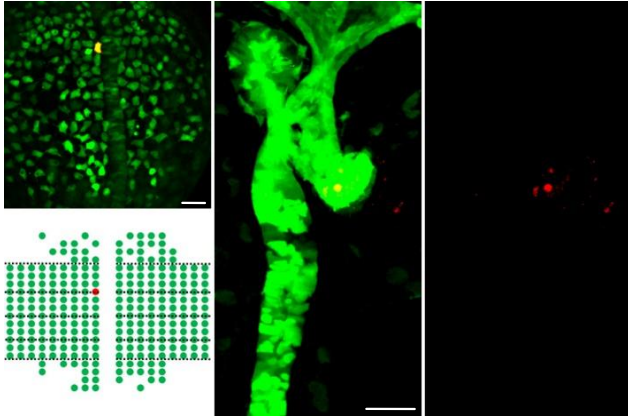
L-c1s1r3 (n=5)



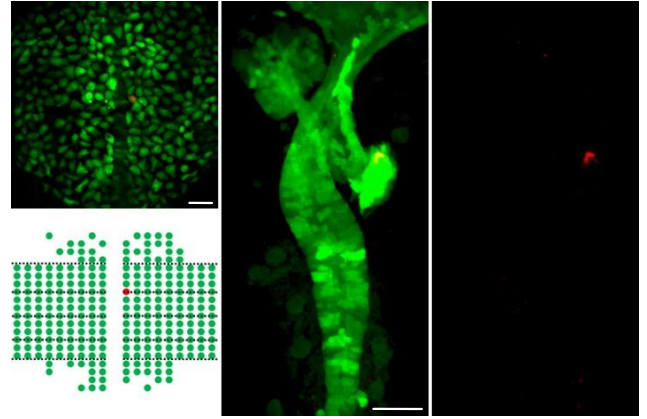
R-c1s1r3 (n=5)



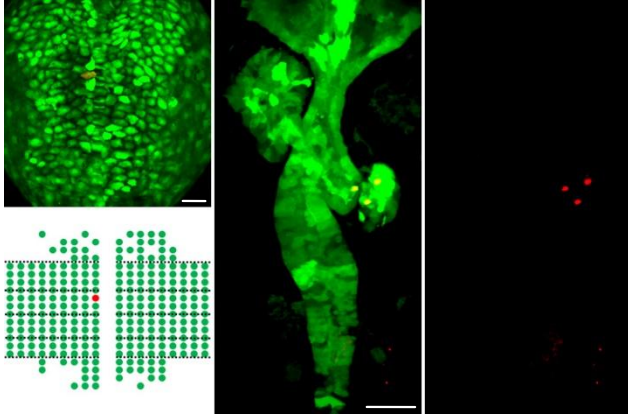
L-c1s12 (n=5)



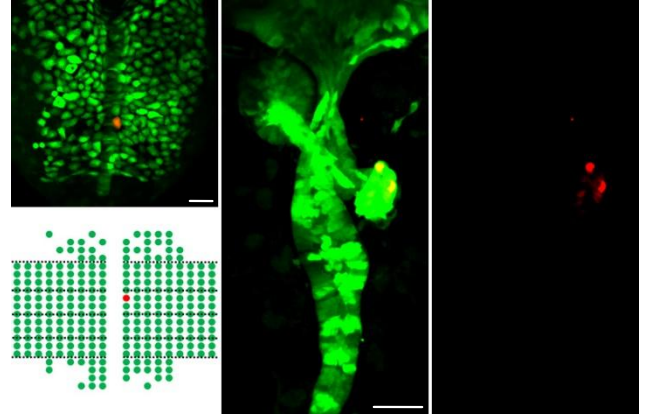
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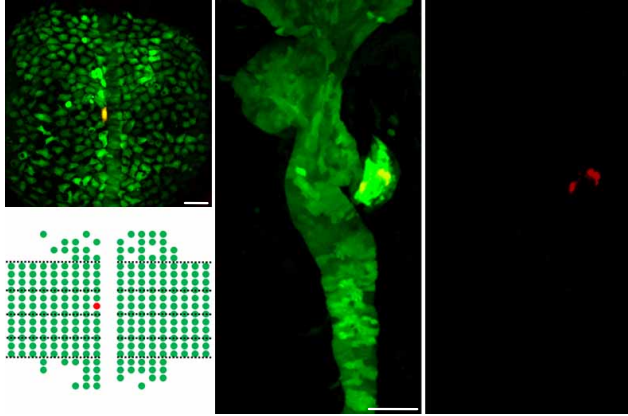
L-c1s2r1 (n=8)



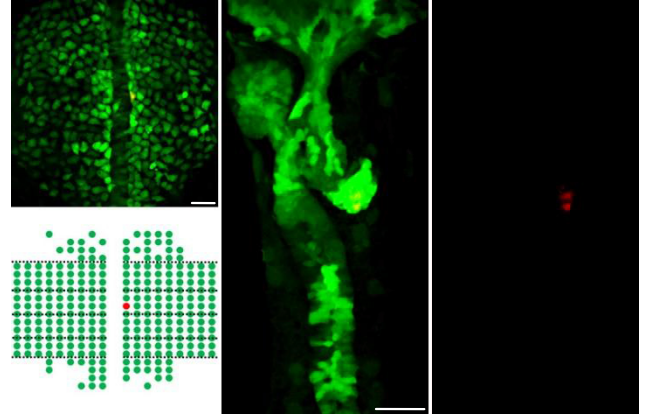
R-c1s2r1 (n=5)



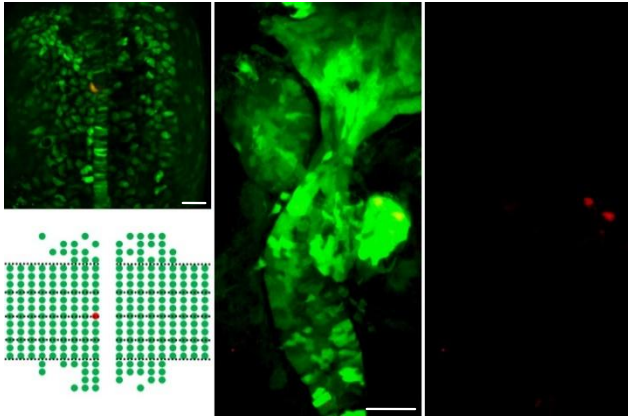
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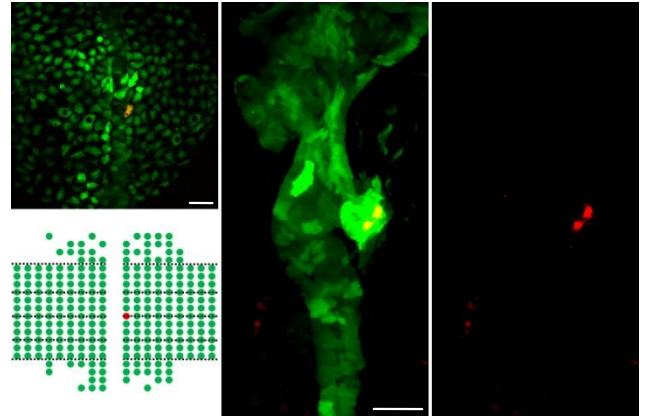
R-c1s2r2 (n=6)



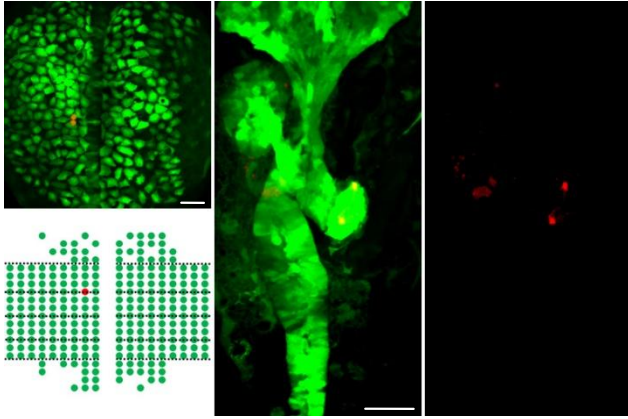
L-c1s23 (n=5)



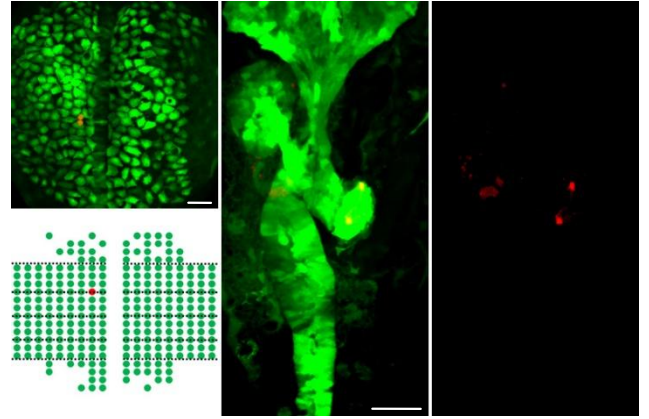
R-c1s23 (n=5)



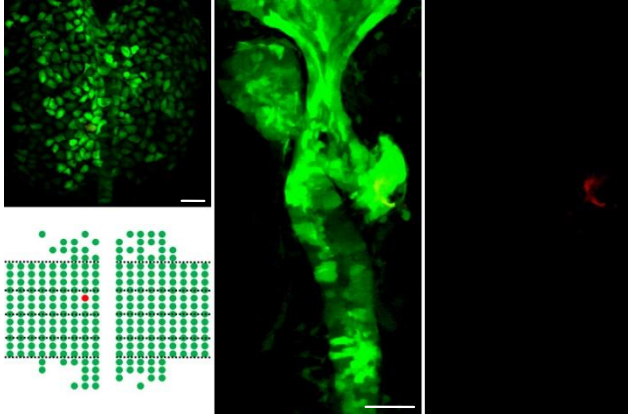
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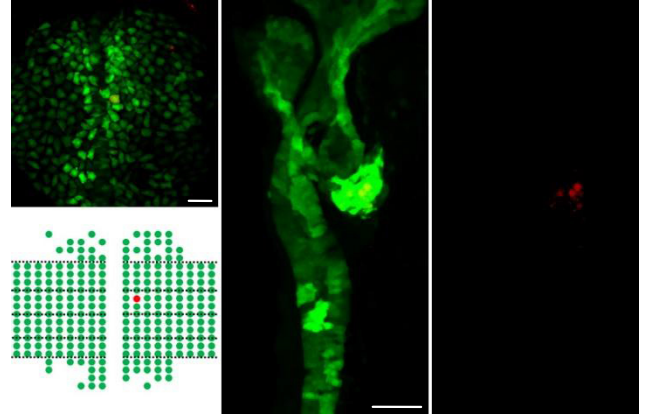
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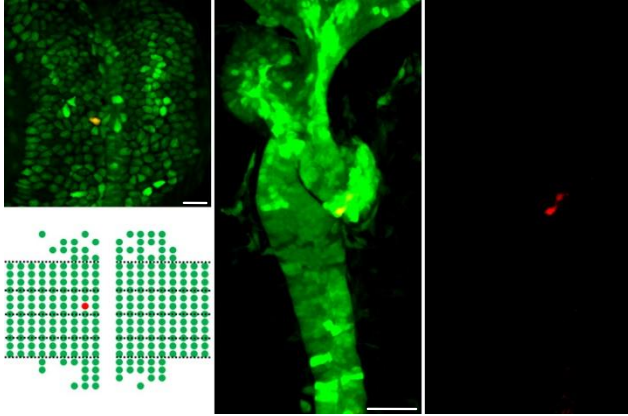
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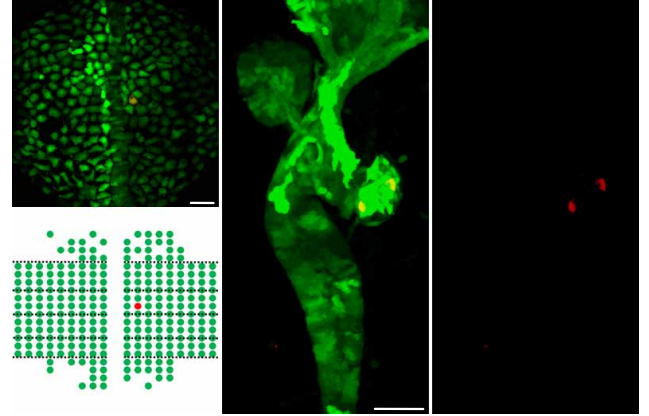
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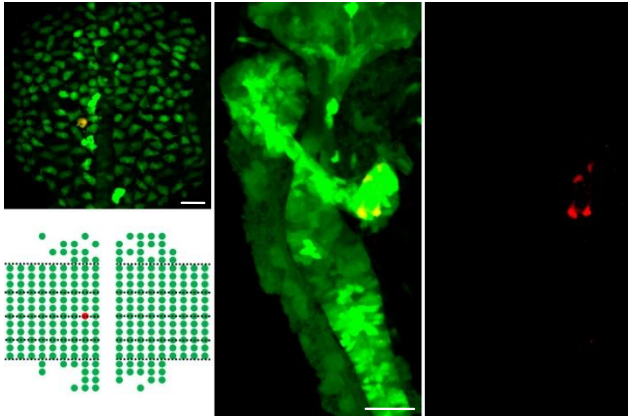
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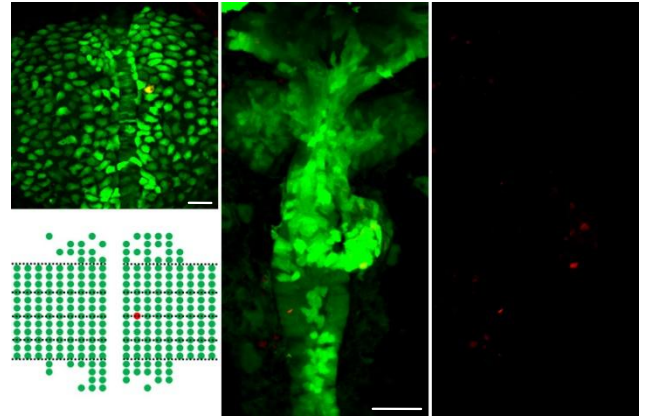
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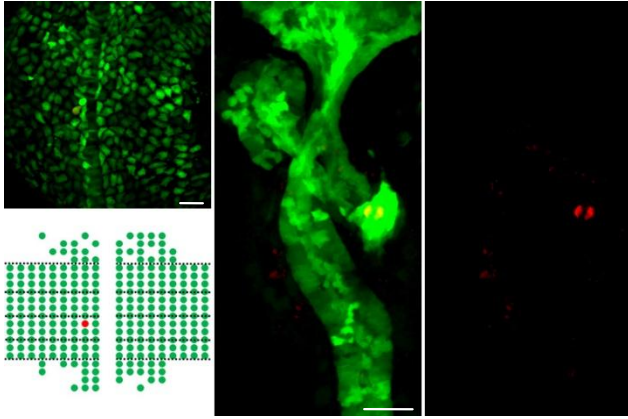
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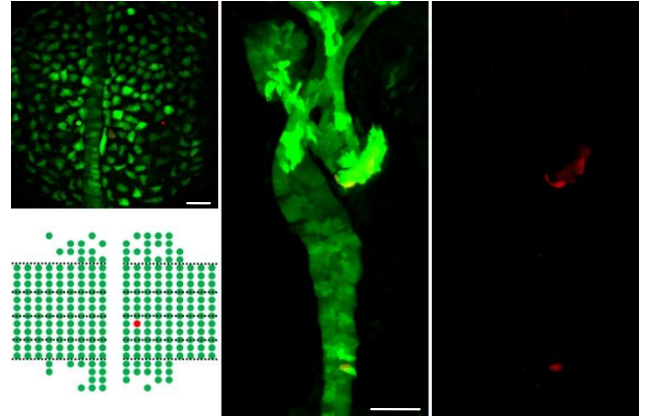
R-c2s23 (n=5)



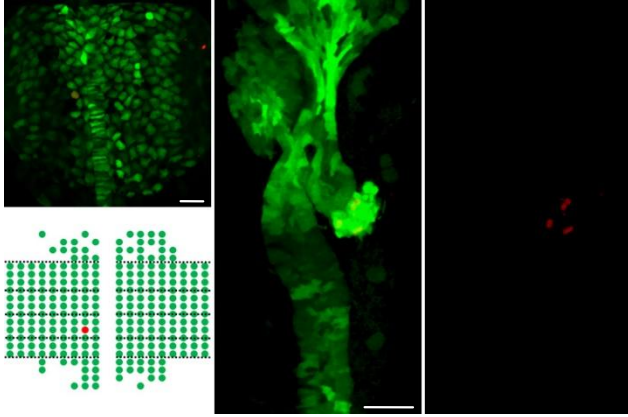
L-c2s3r1 (n=6)



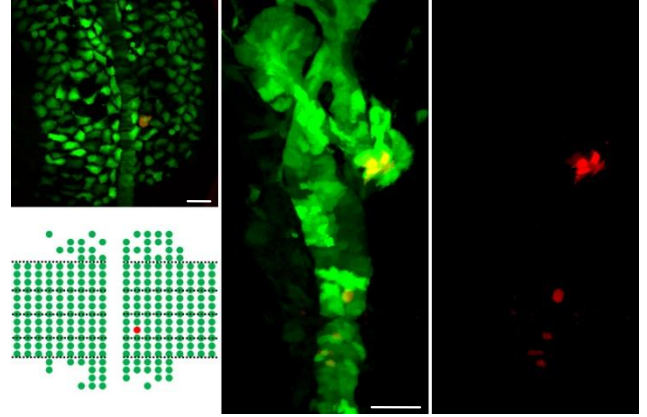
R-c2s3r1 (n=7)



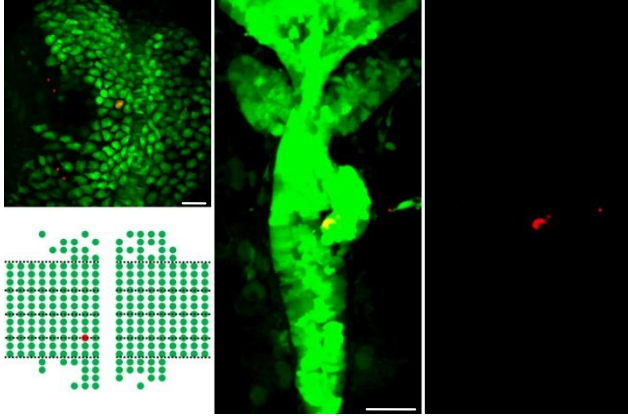
L-c2s3r2 (n=5)



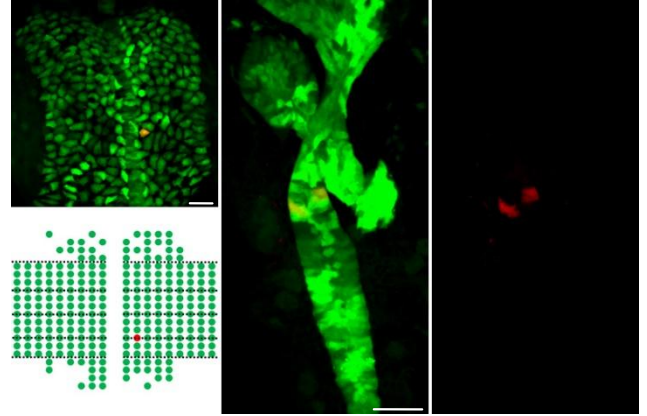
R-c2s3r2 (n=10)



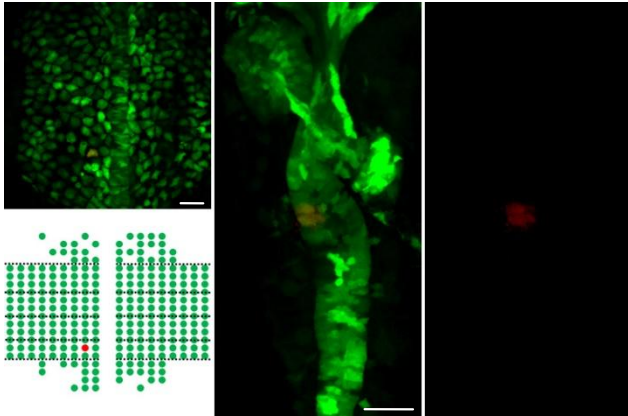
L-c2s34 (n=8)



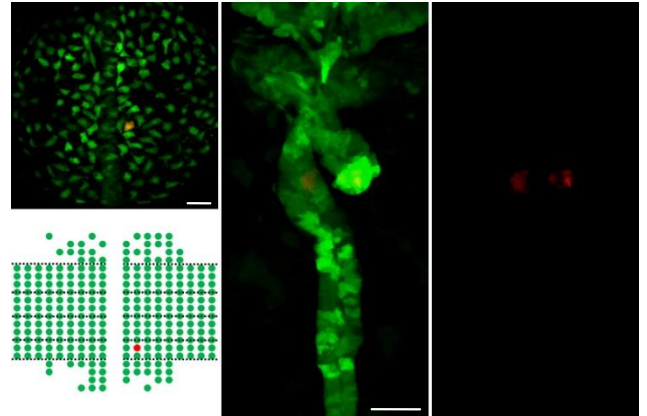
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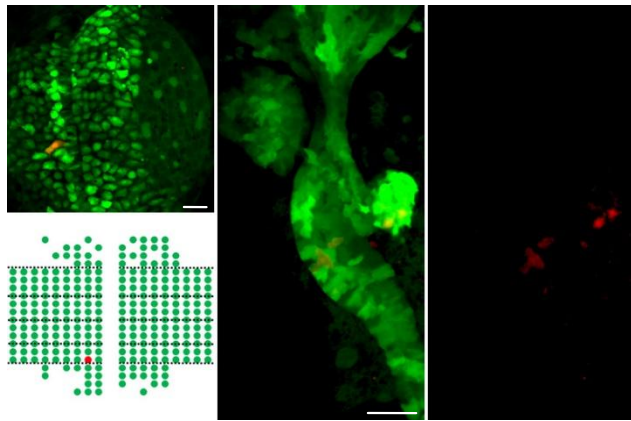
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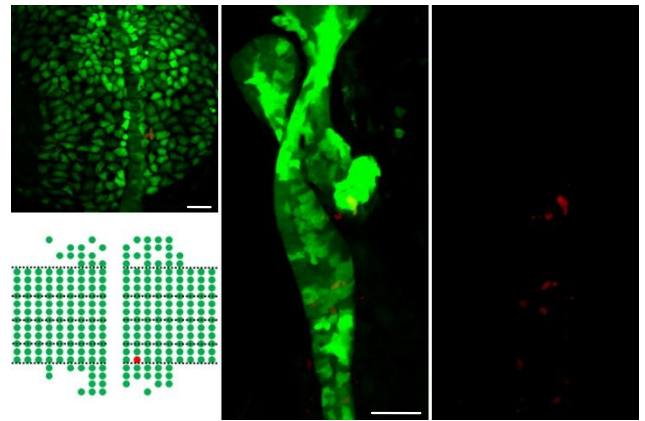
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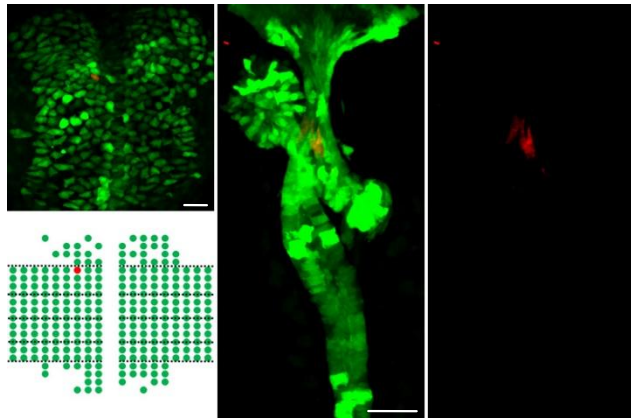
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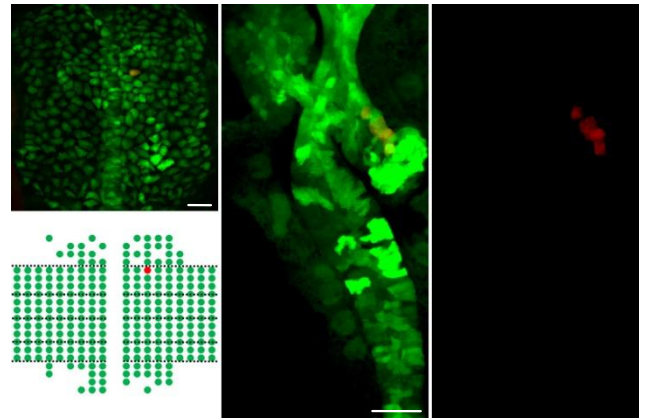
R-c2s4r2 (n=9)



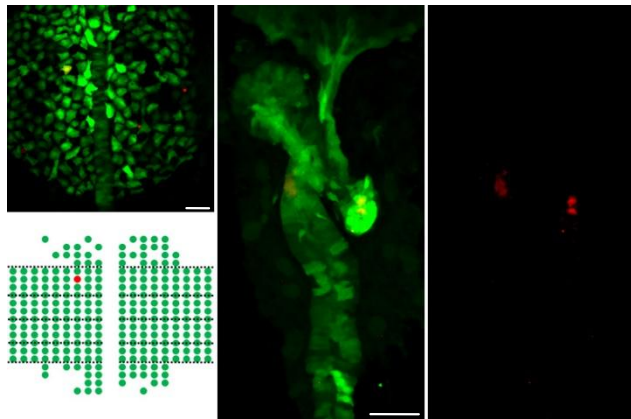
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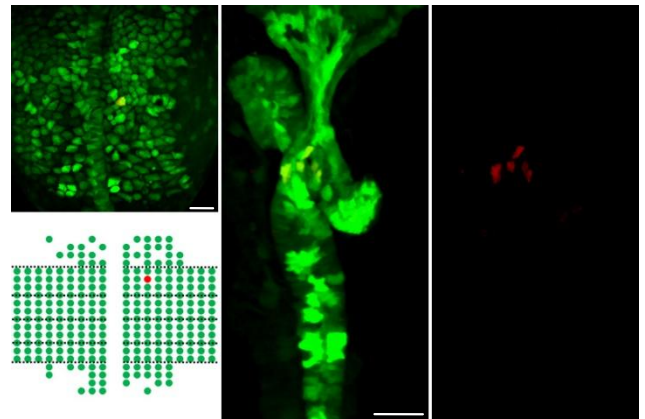
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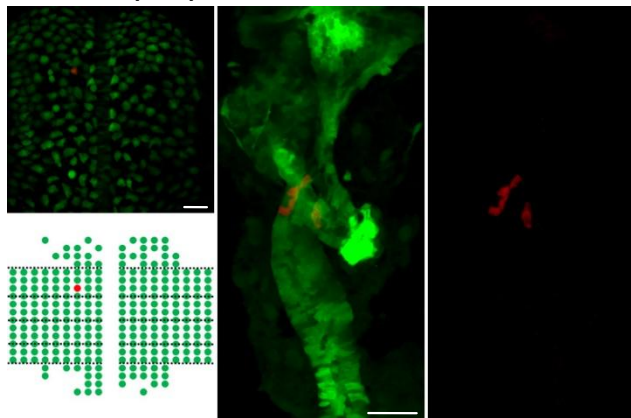
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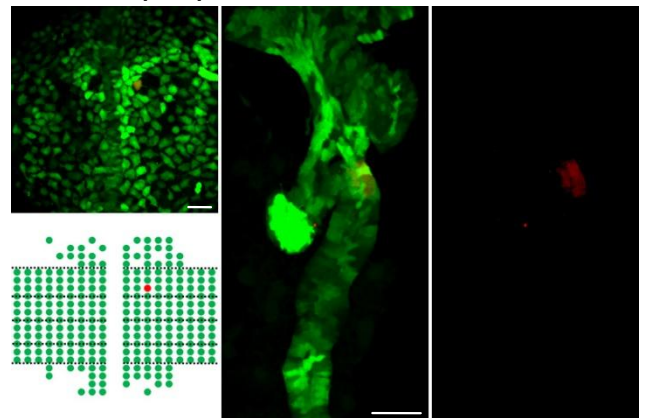
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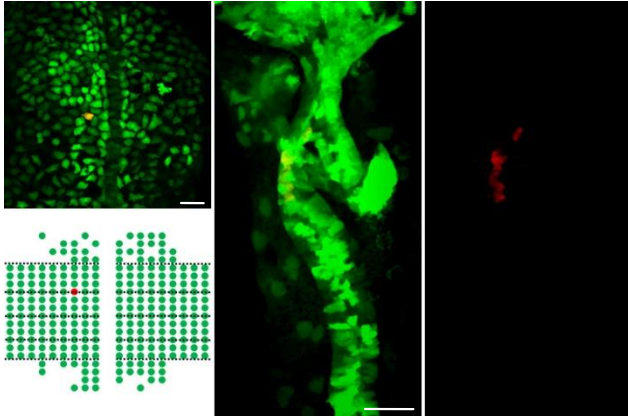
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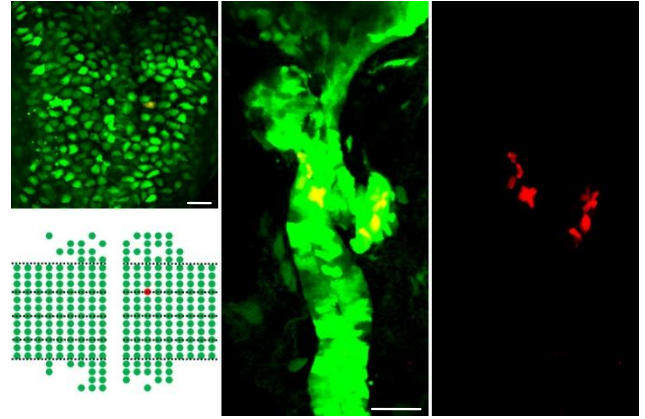
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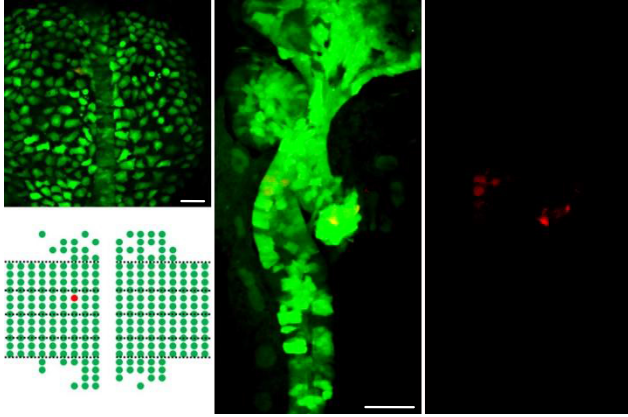
L-c3s12 (n=10)



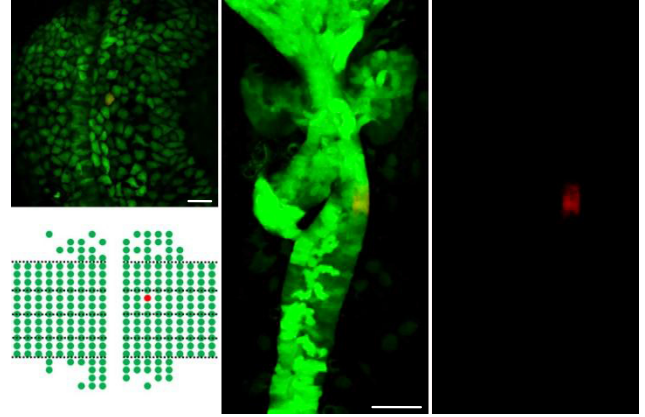
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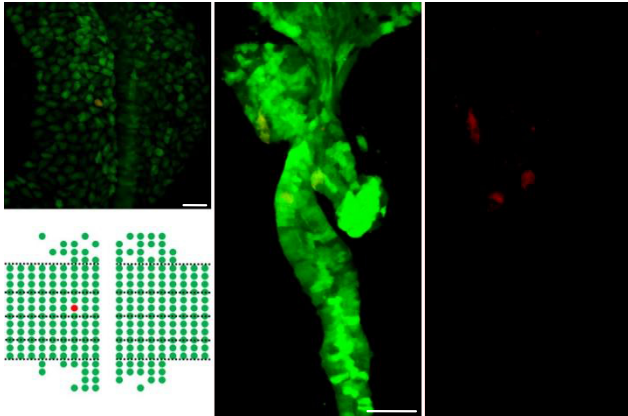
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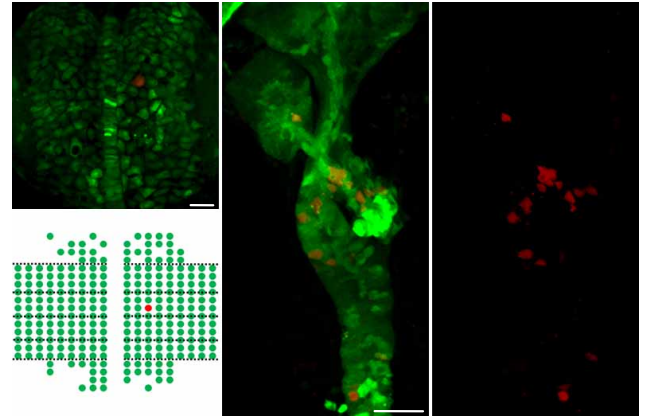
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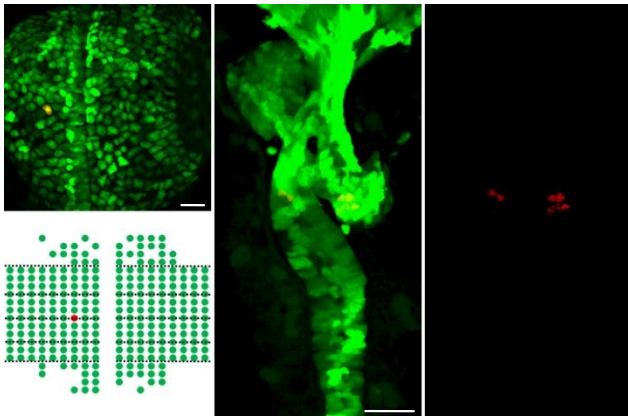
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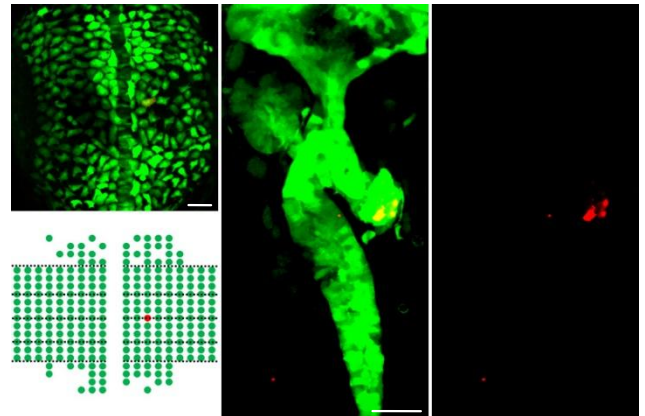
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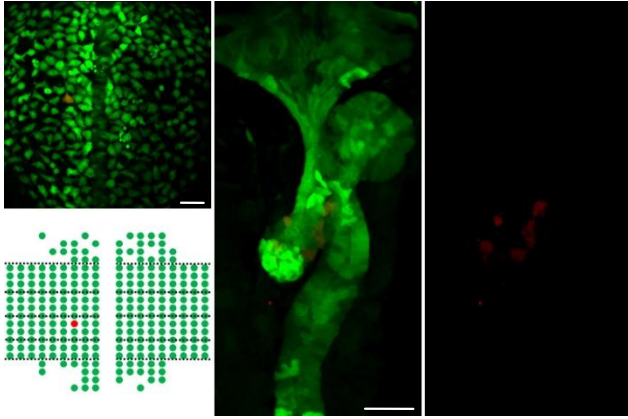
L-c3s23 (n=5)



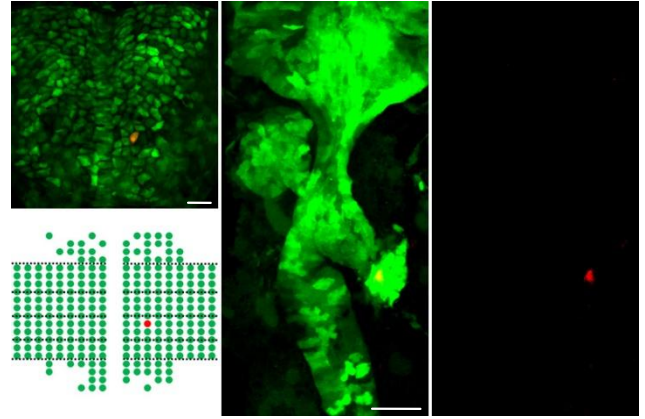
R-c3s23 (n=5)



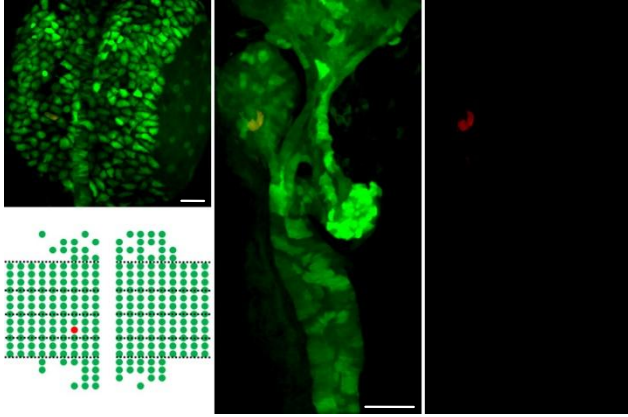
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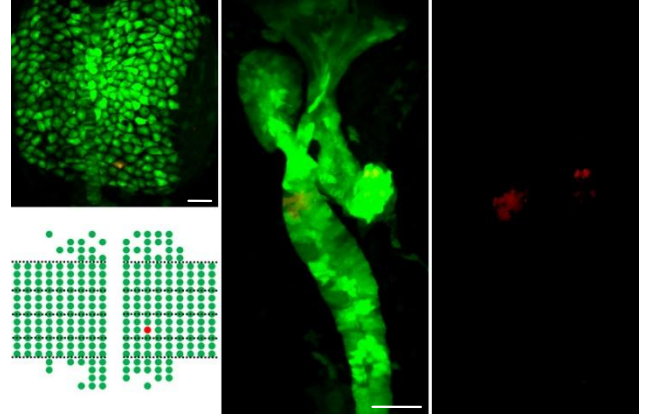
R-c3s3r1 (n=8)



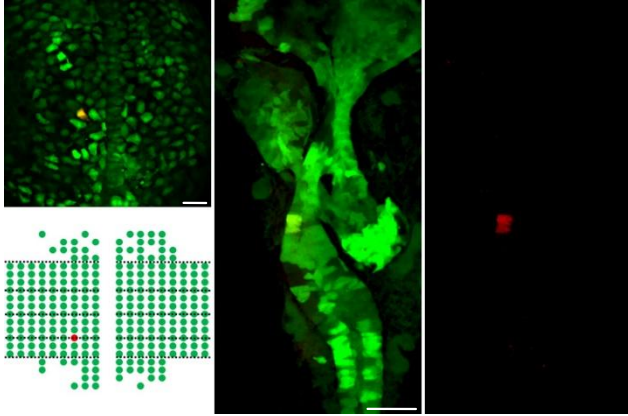
L-c3s3r2 (n=7)



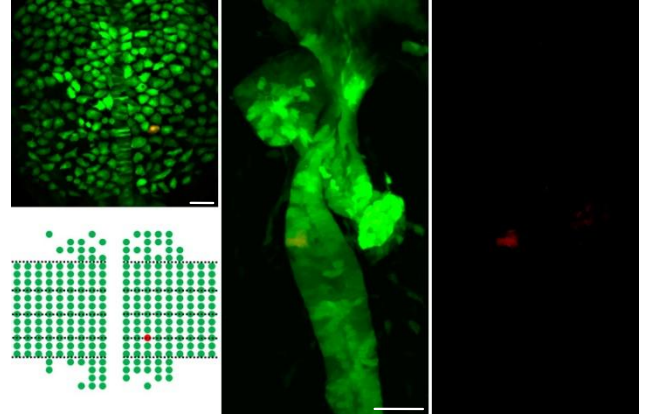
R-c3s3r2 (n=5)



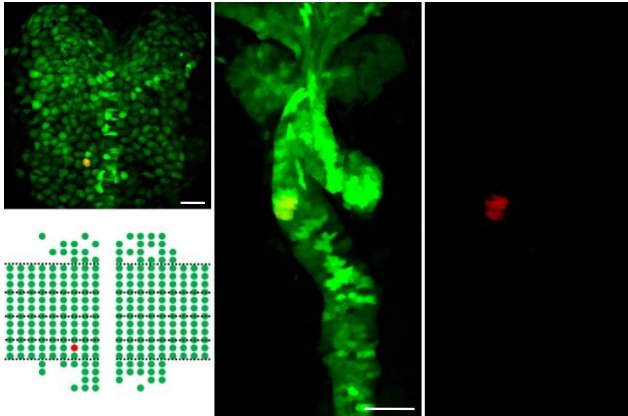
L-c3s34 (n=8)



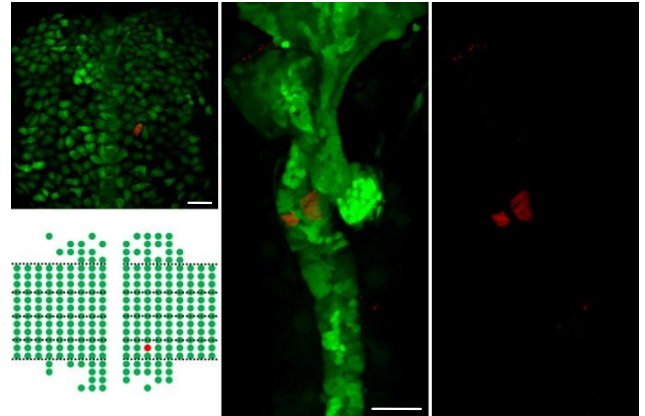
R-c3s34 (n=5)



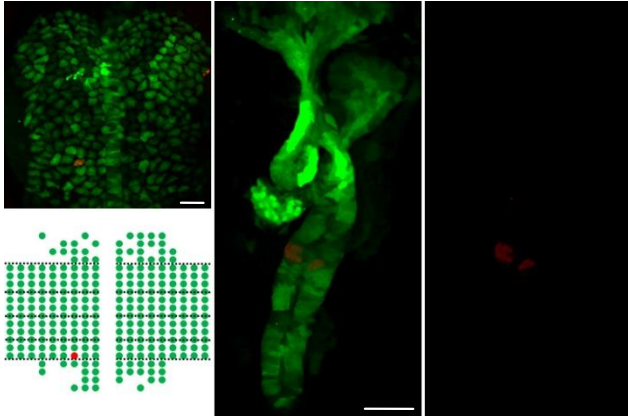
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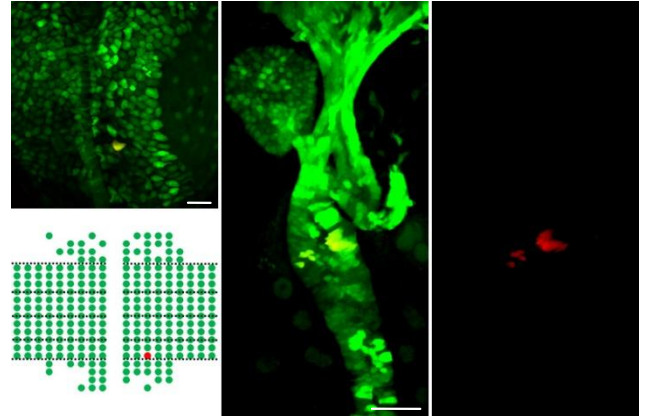
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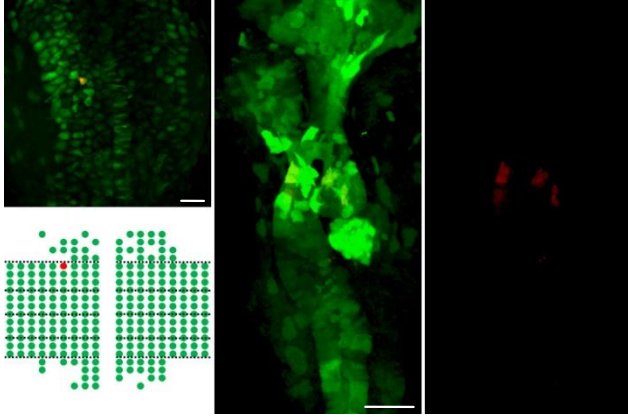
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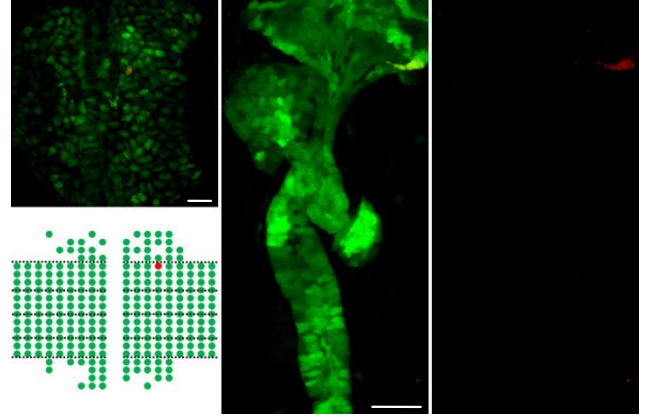
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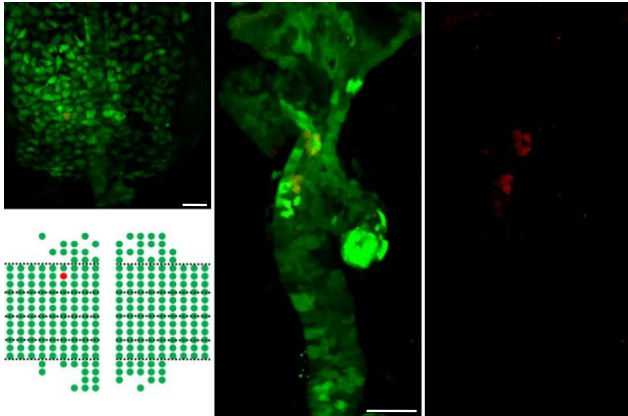
L-c4s1r1 (n=8)



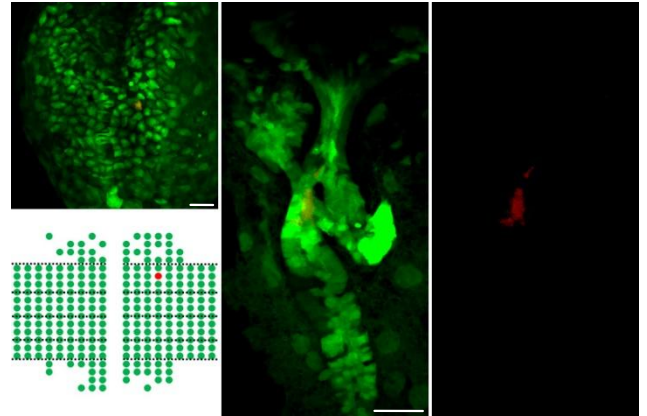
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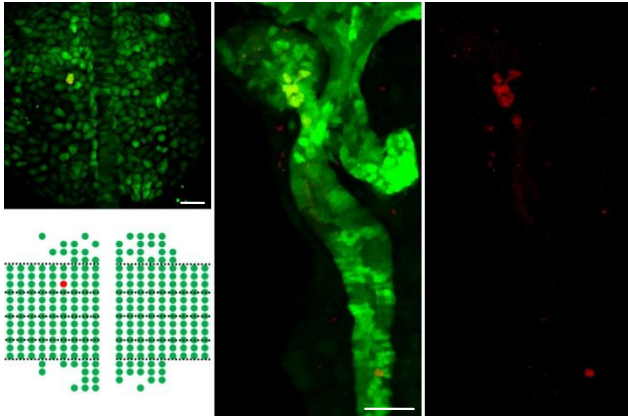
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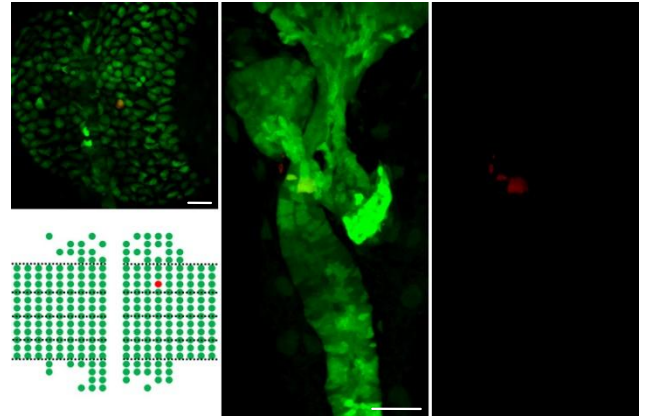
R-c4s1r2 (n=8)



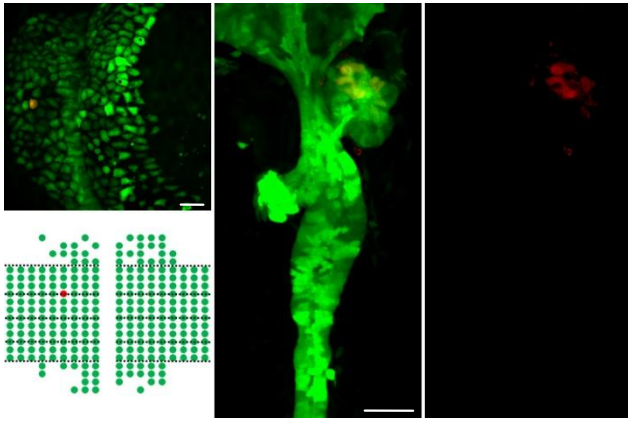
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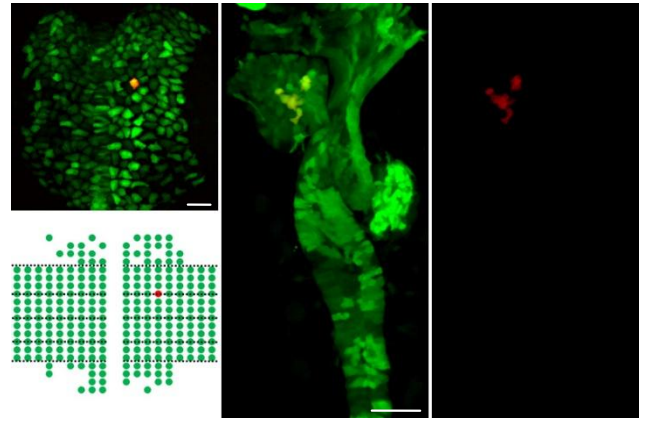
R-c4s1r3 (n=6)



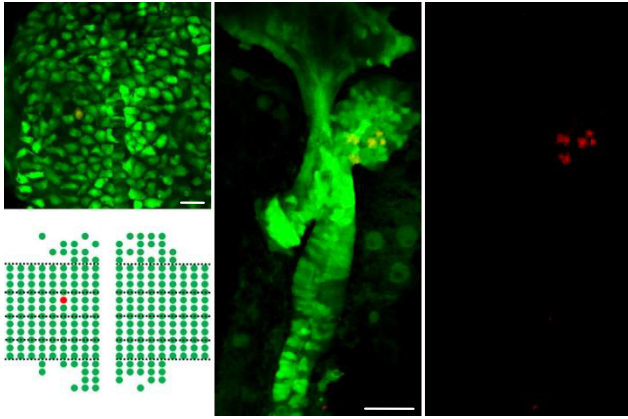
L-c4s12 (n=8)



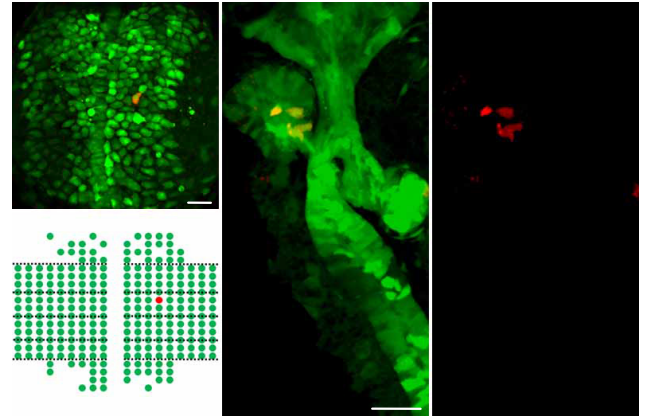
R-c4s12 (n=5)



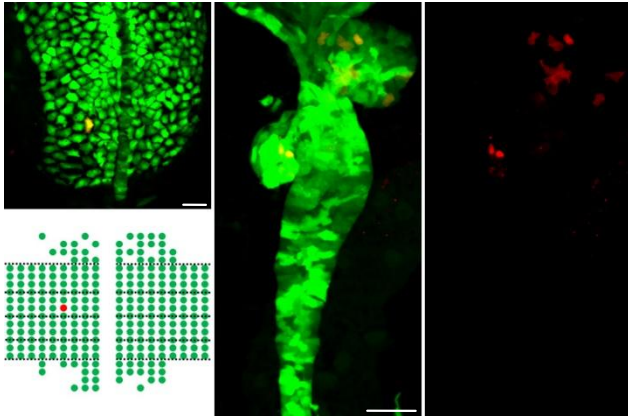
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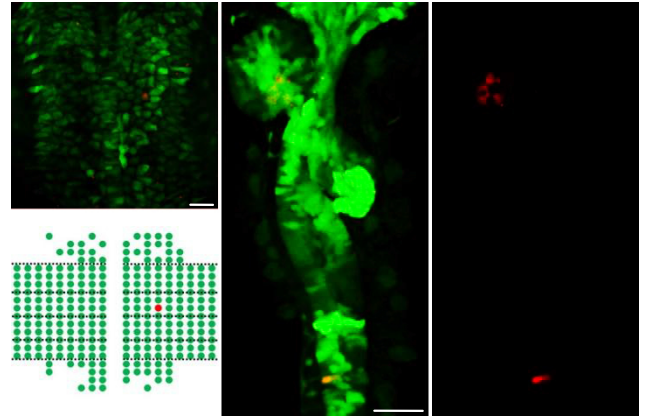
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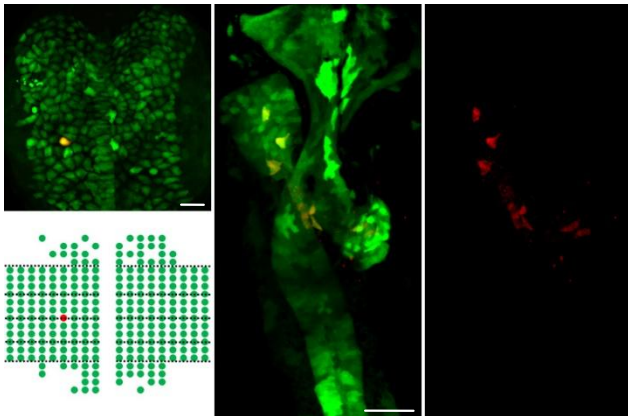
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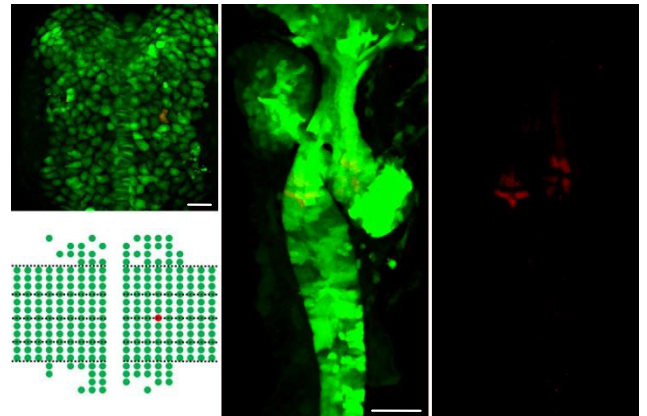
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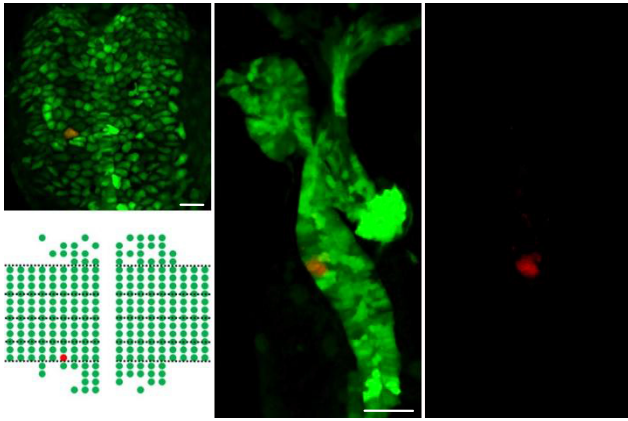
L-c4s23 (n=7)



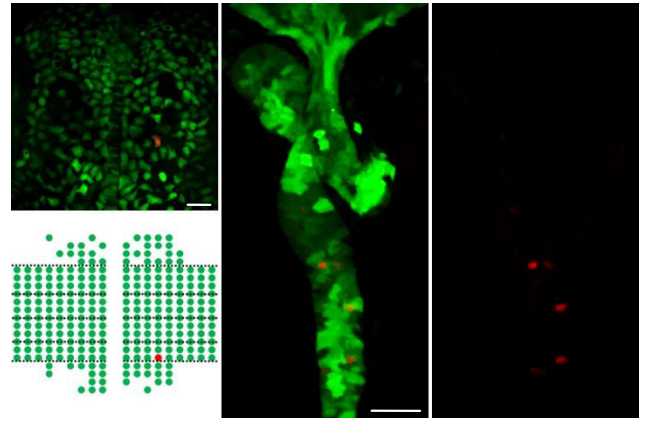
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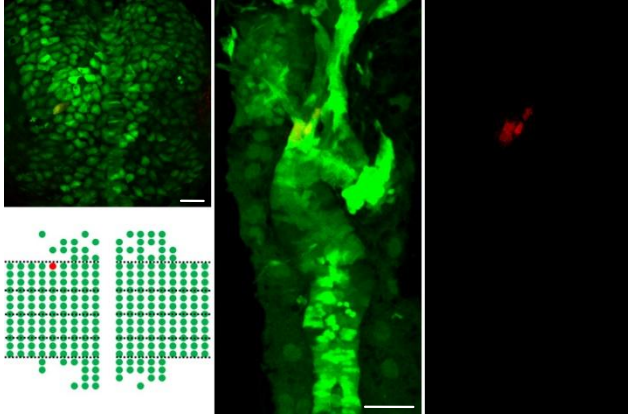
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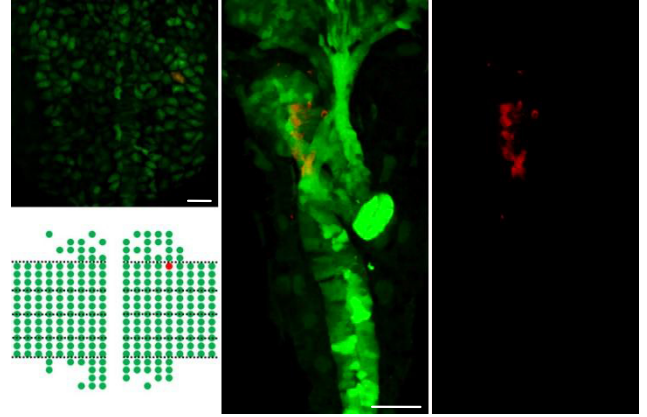
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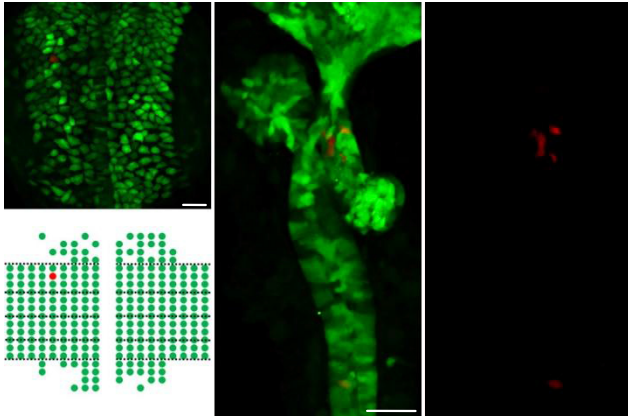
L-c5s1r1 (n=8)



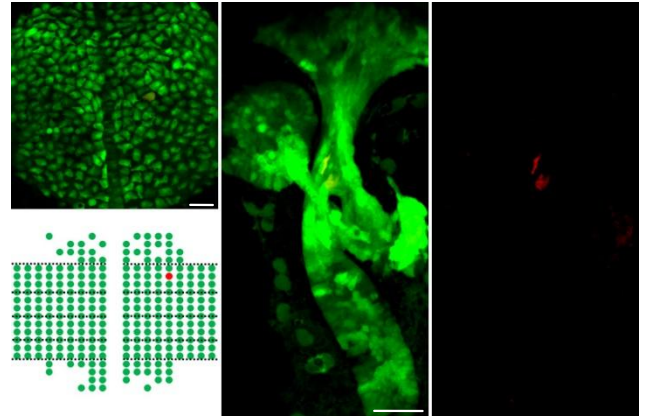
R-c5s1r1 (n=7)



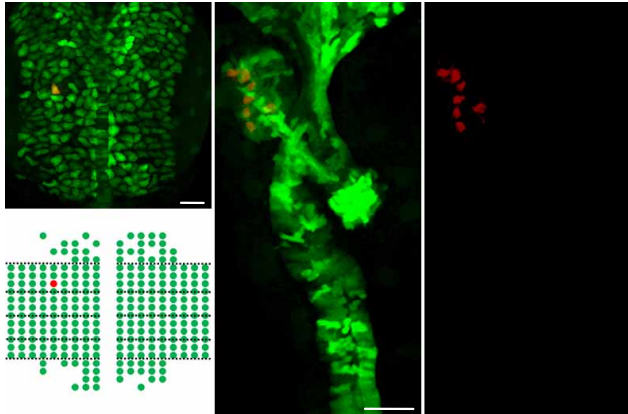
L-c5s1r2 (n=9)



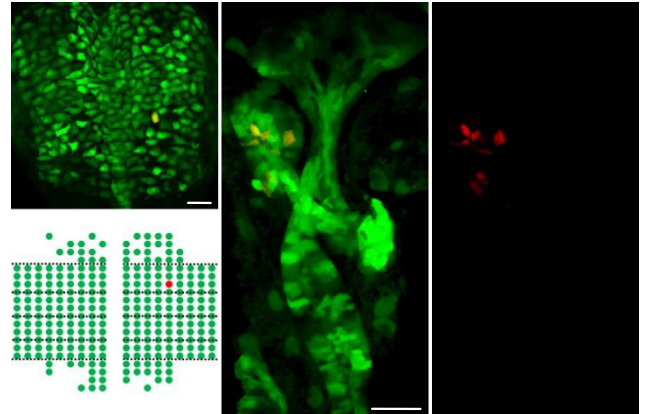
R-c5s1r2 (n=5)



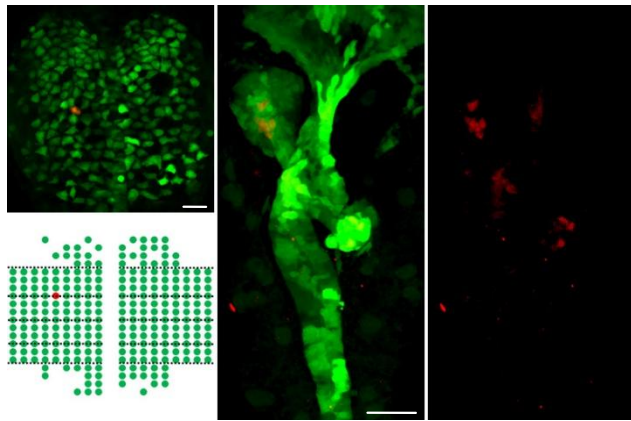
L-c5s1r3 (n=8)



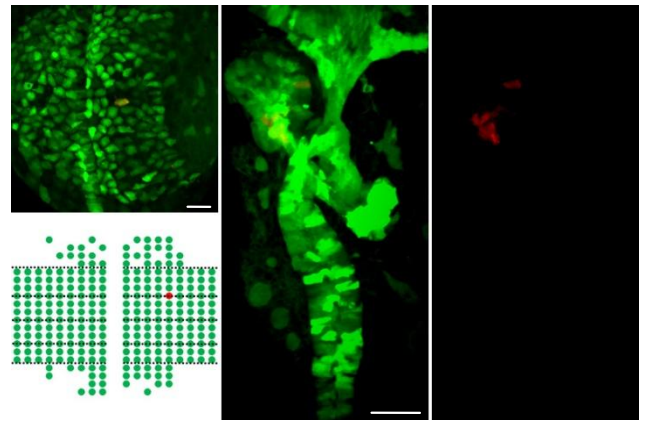
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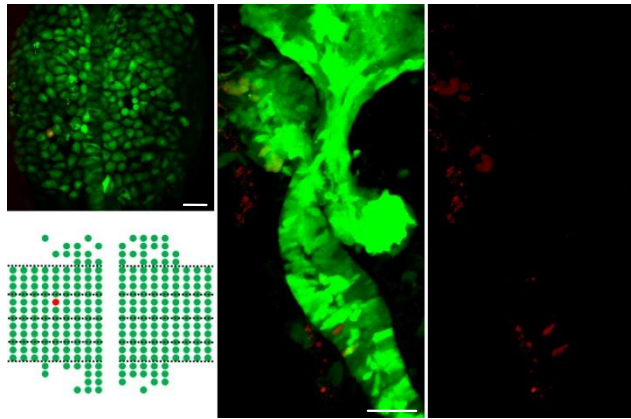
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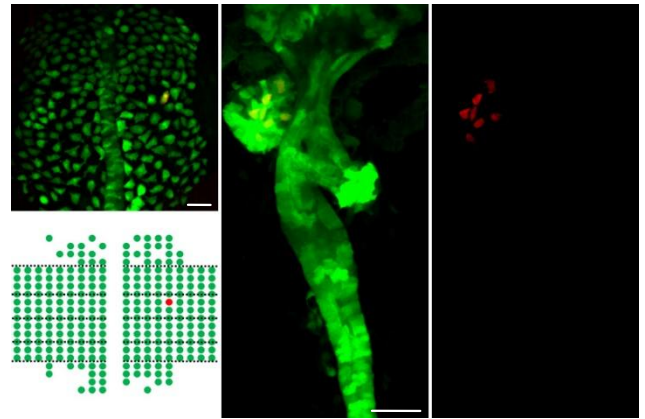
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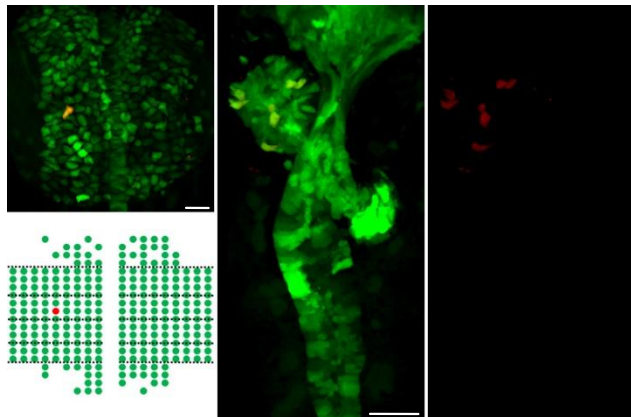
L-c5s2r1 (n=8)



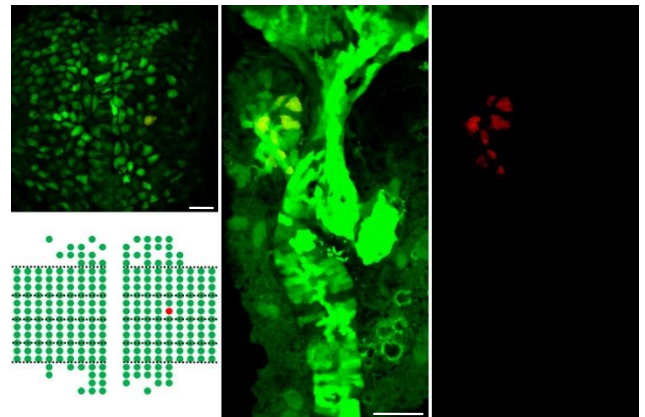
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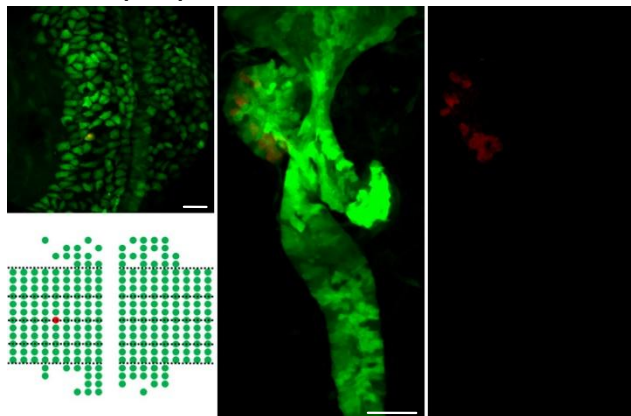
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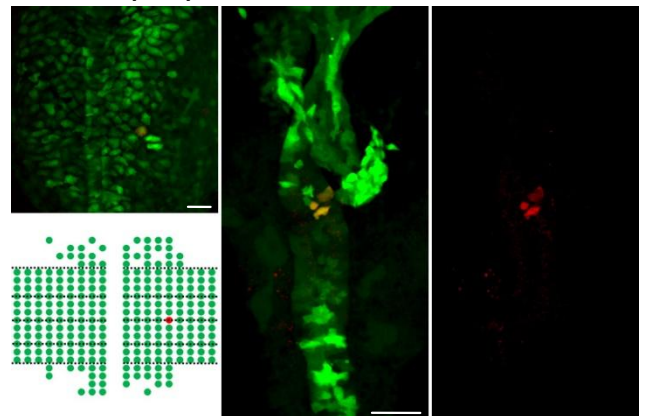
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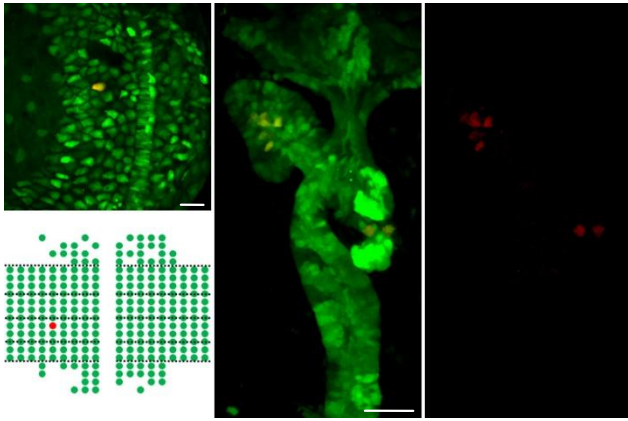
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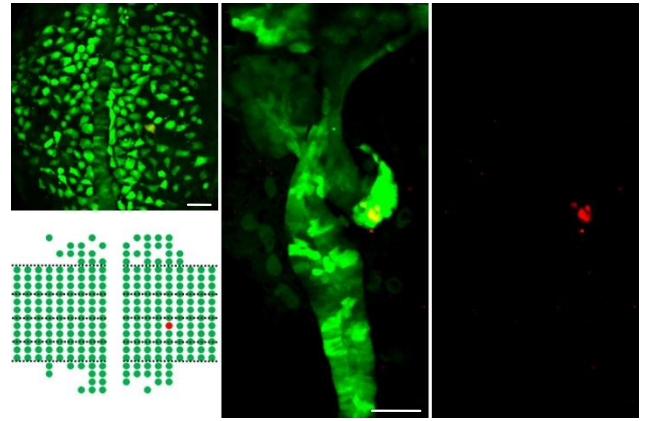
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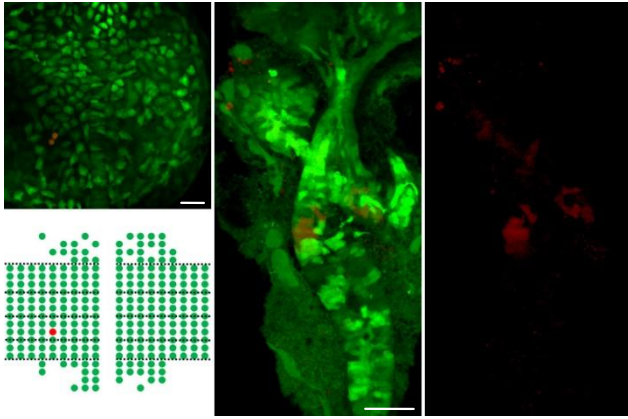
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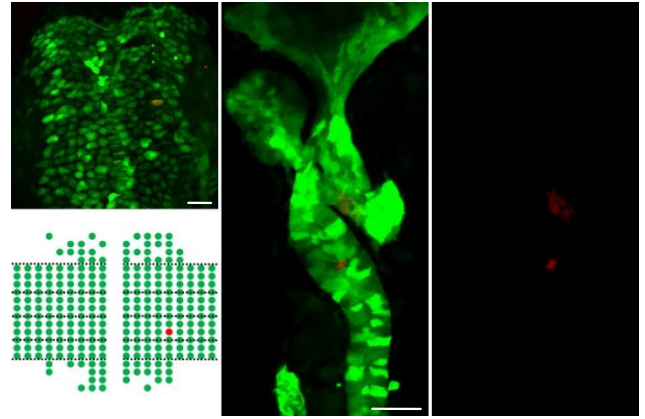
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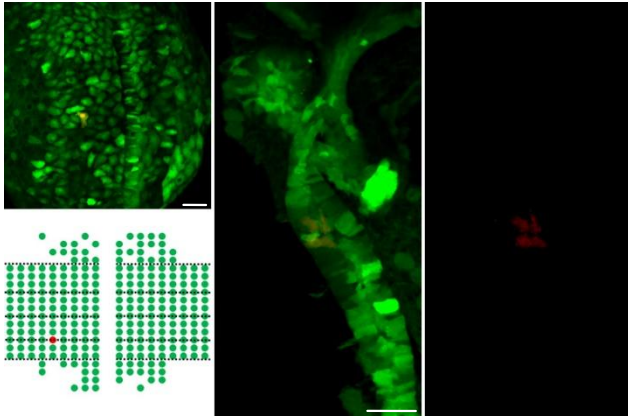
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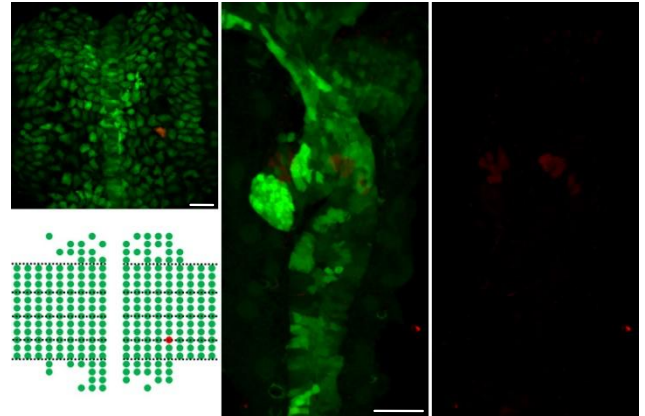
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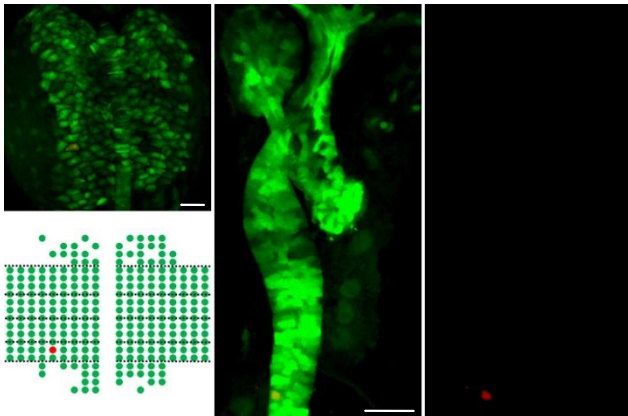
L-c5s34 (n=6)



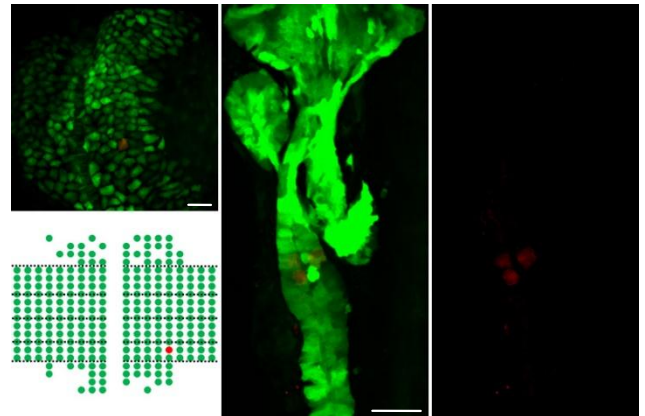
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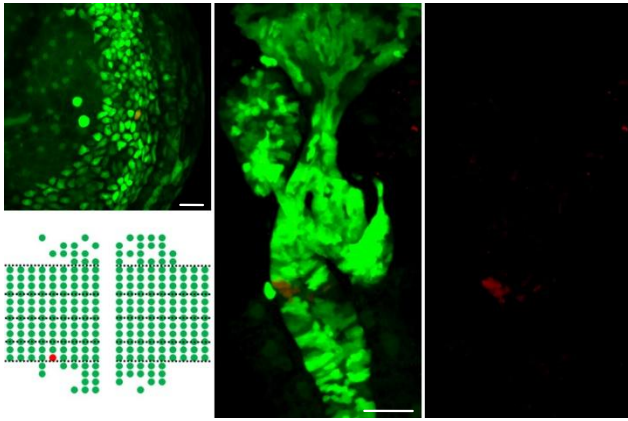
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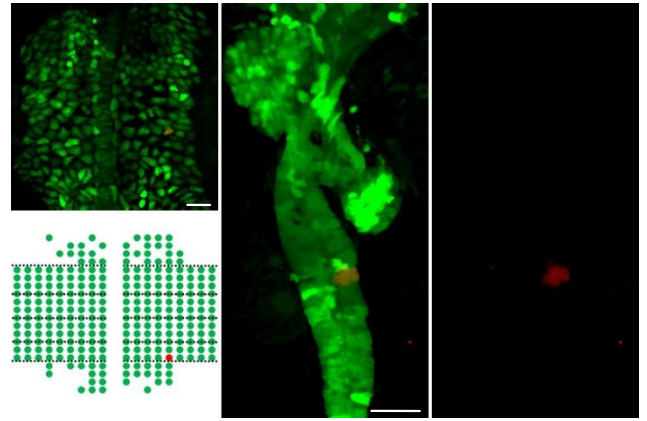
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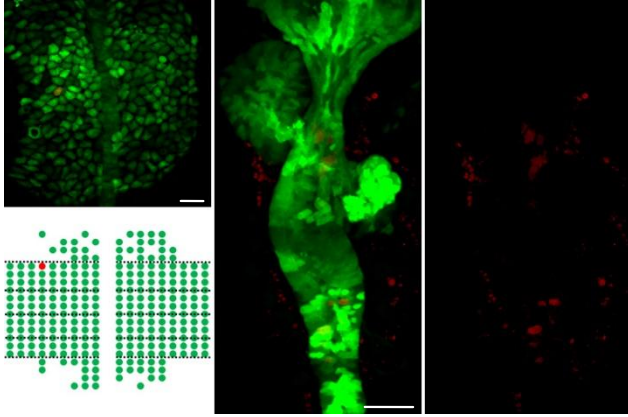
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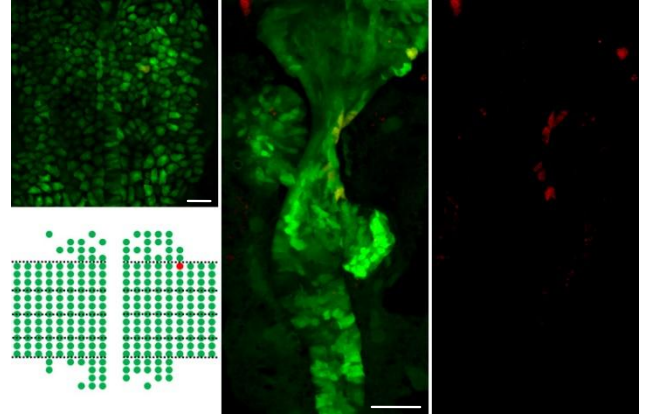
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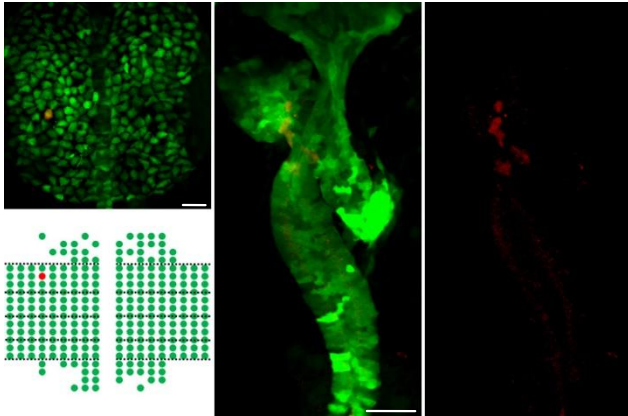
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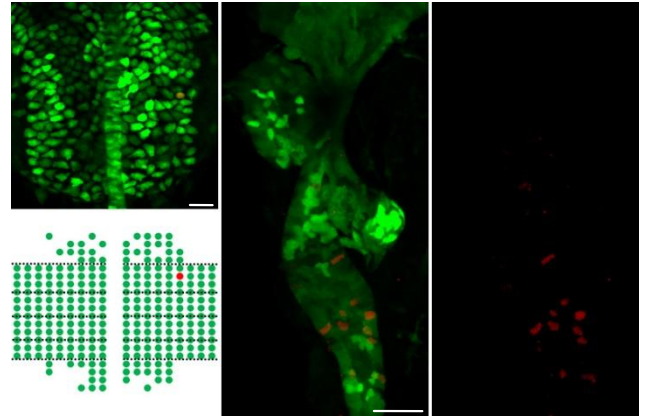
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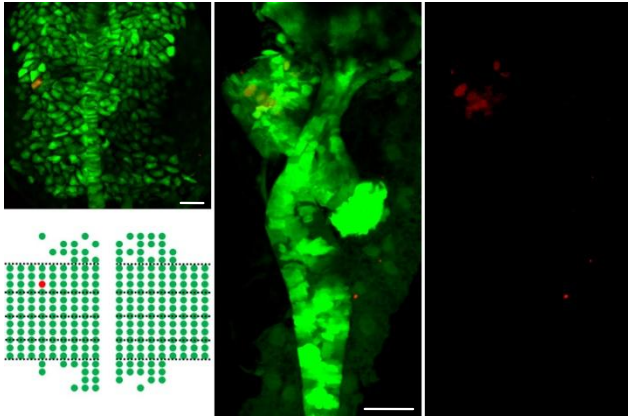
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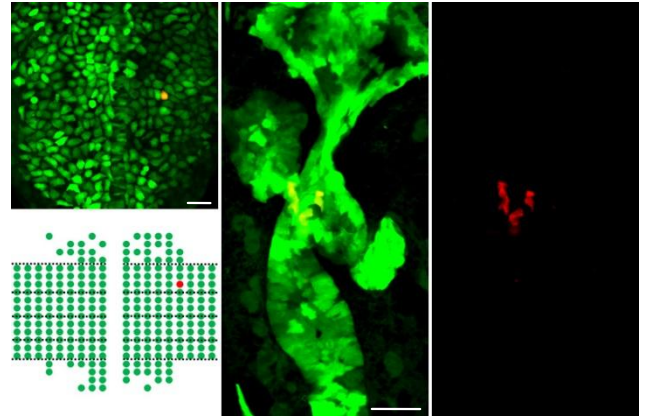
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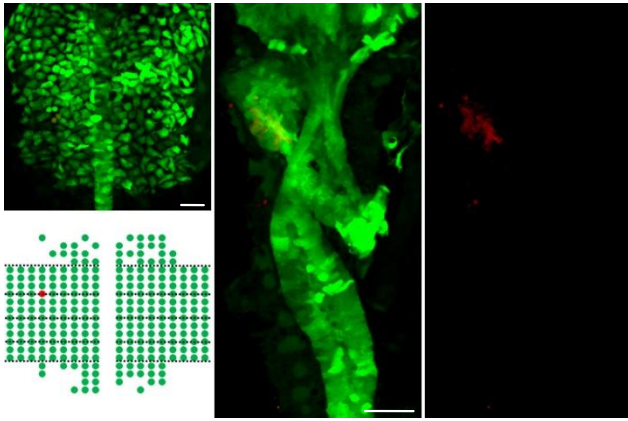
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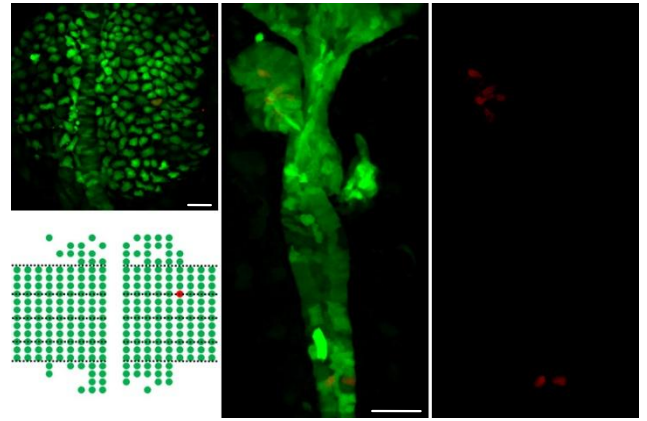
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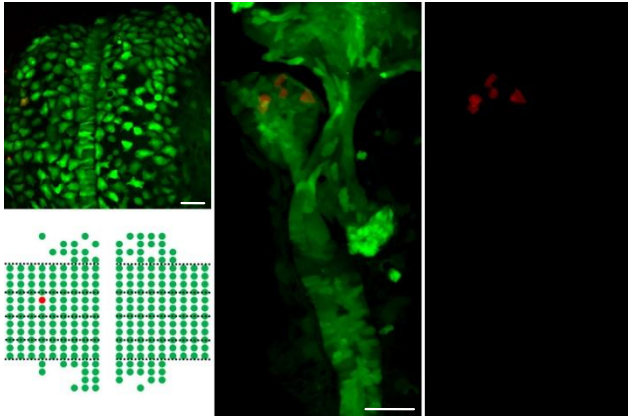
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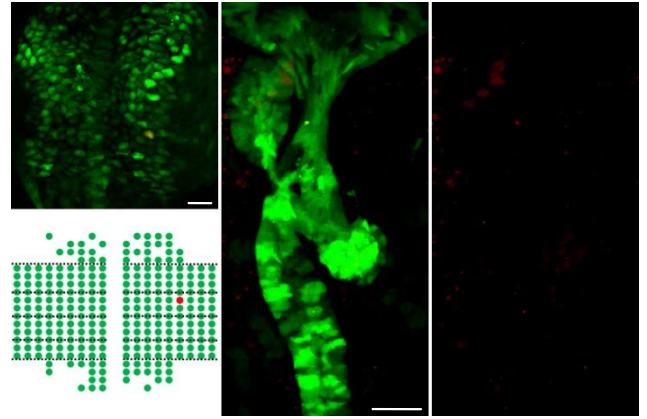
R-c6s12 (n=7)



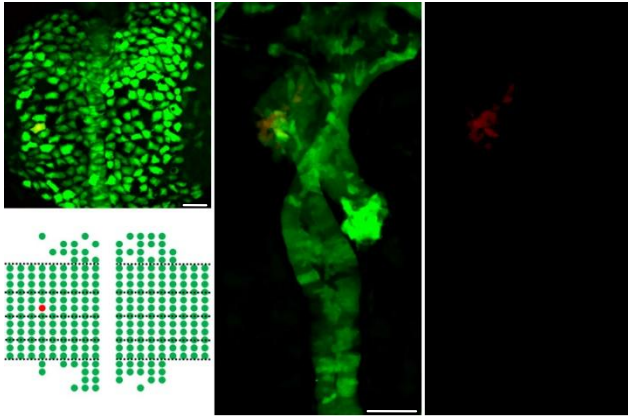
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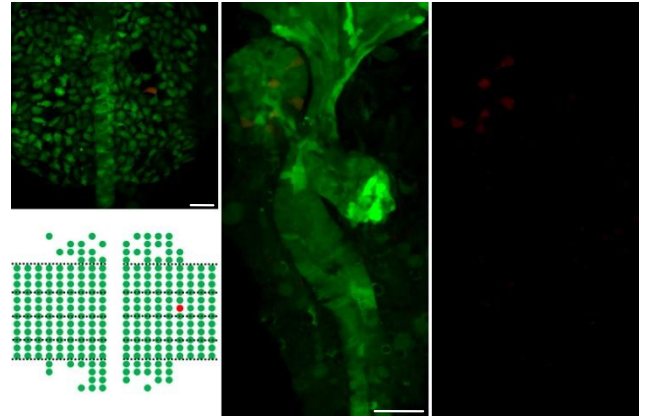
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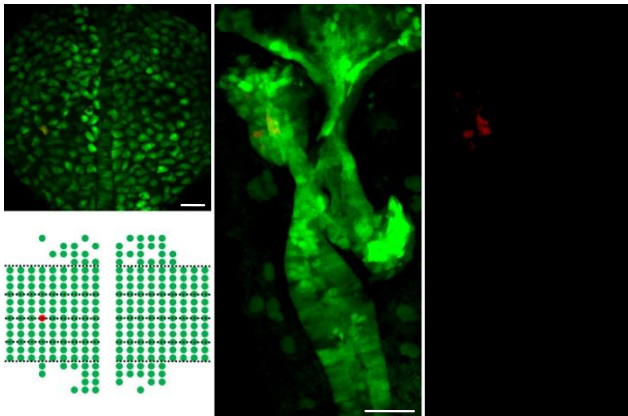
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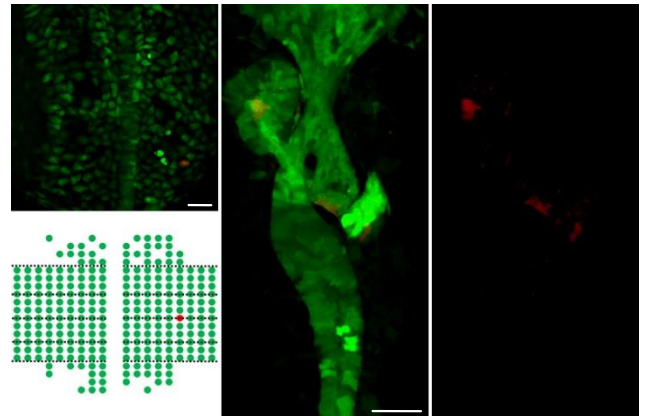
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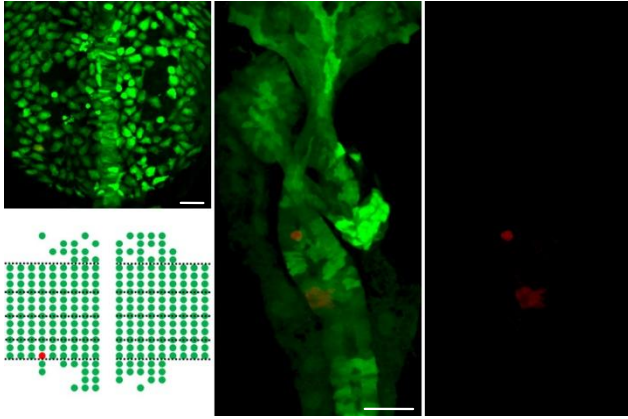
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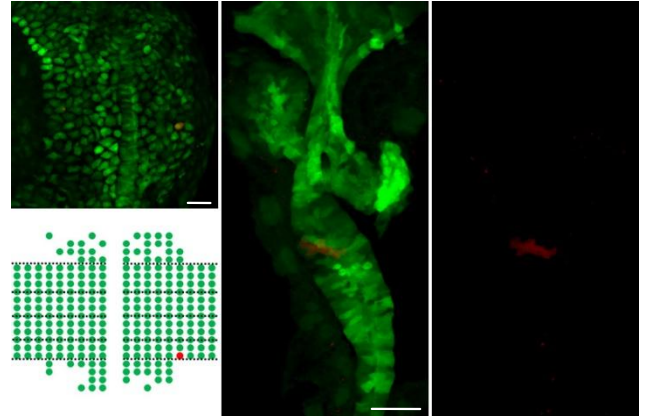
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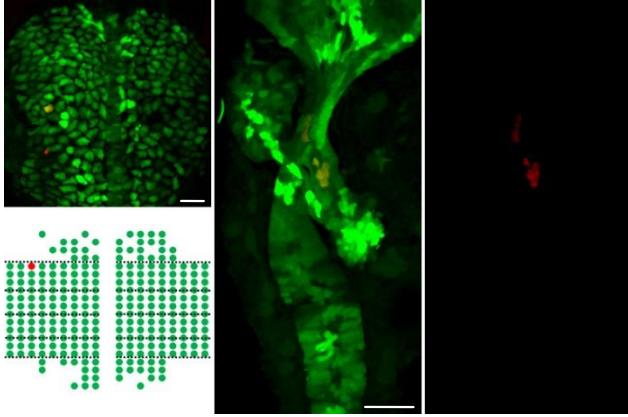
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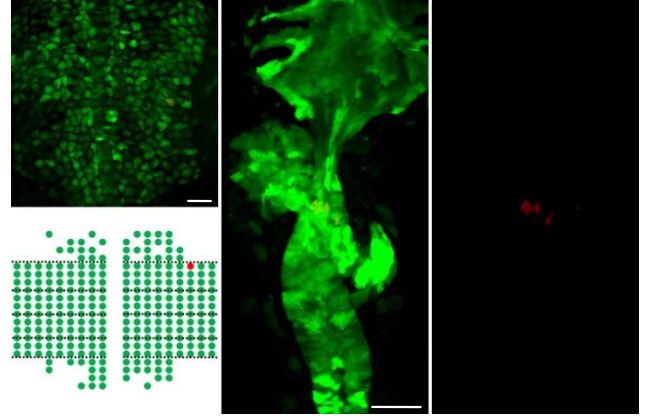
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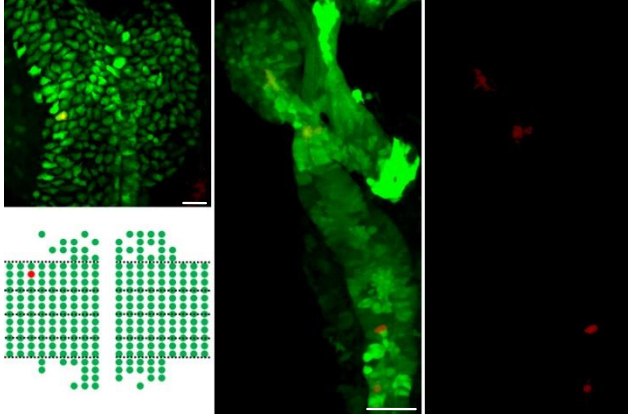
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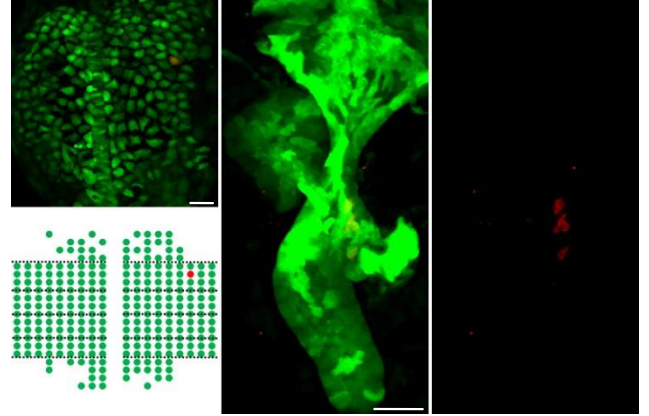
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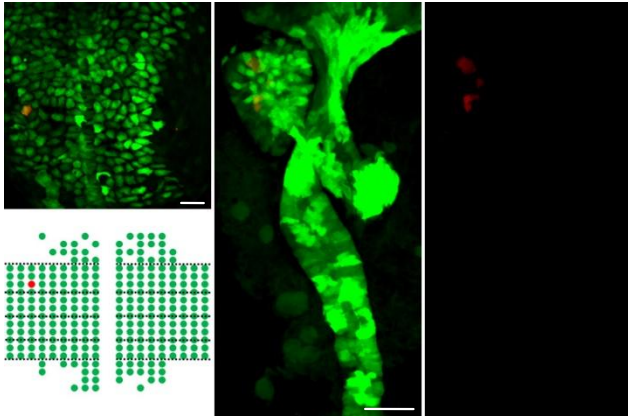
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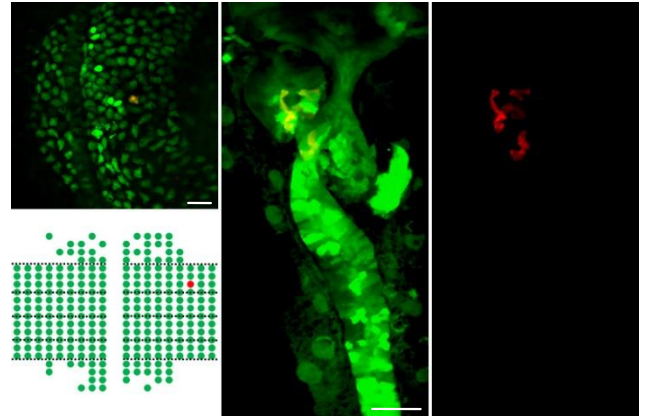
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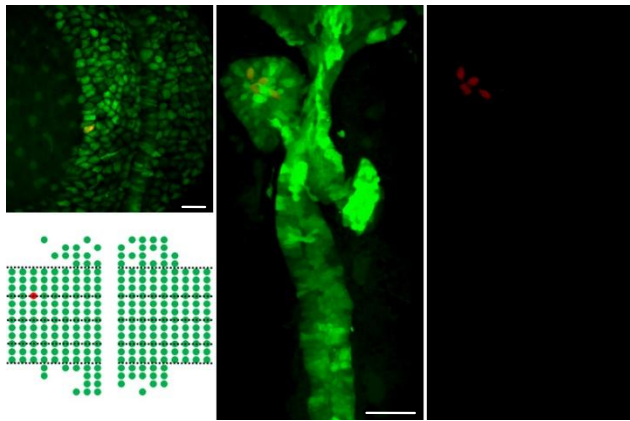
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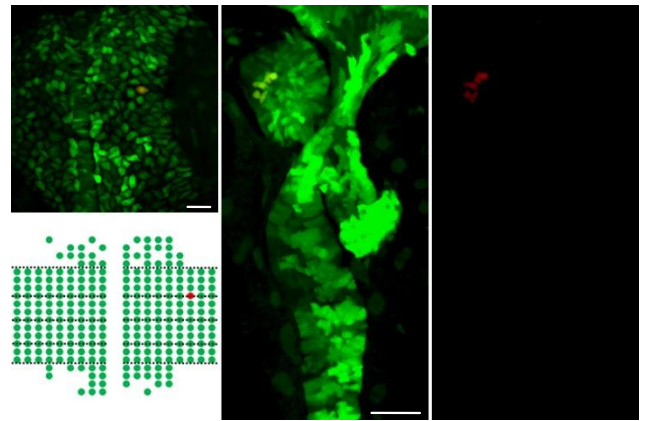
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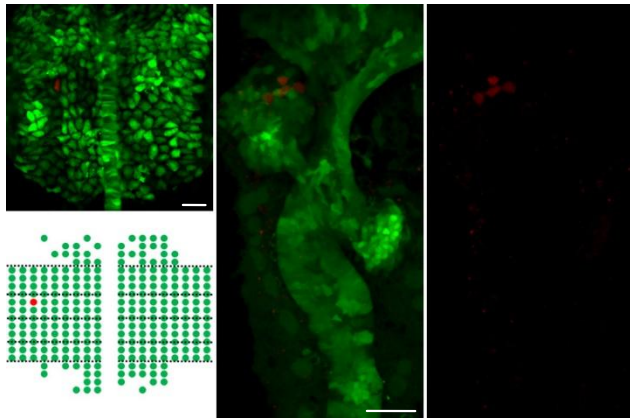
L-c7s12 (n=8)



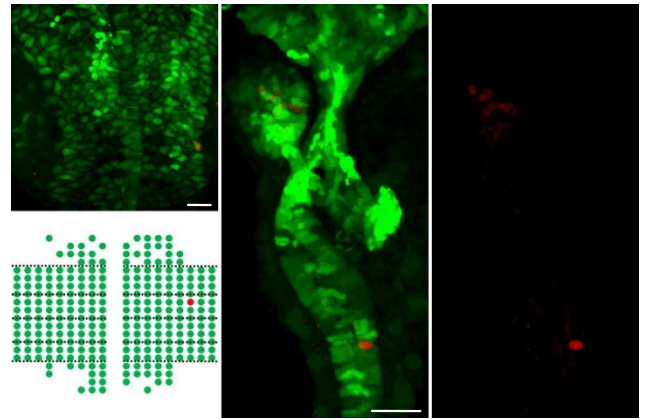
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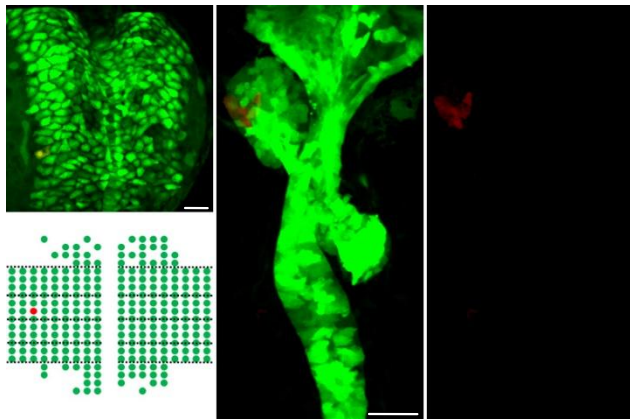
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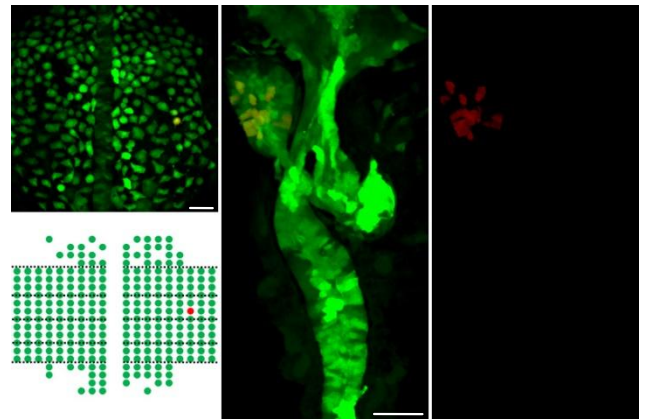
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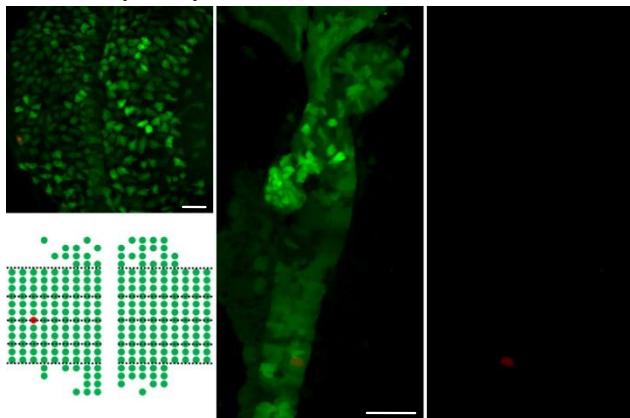
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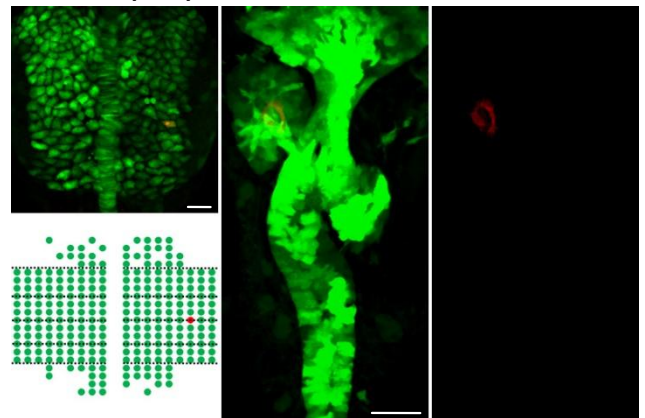
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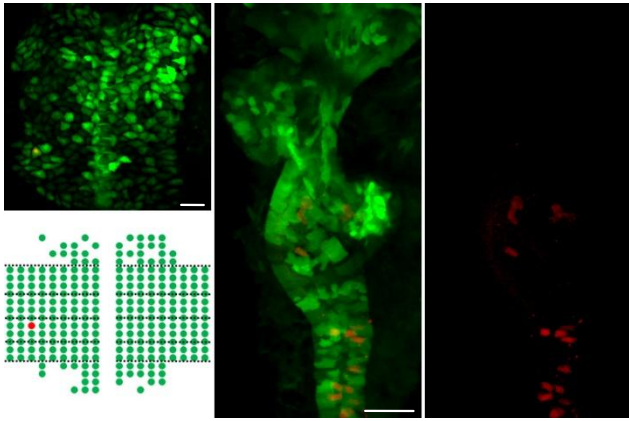
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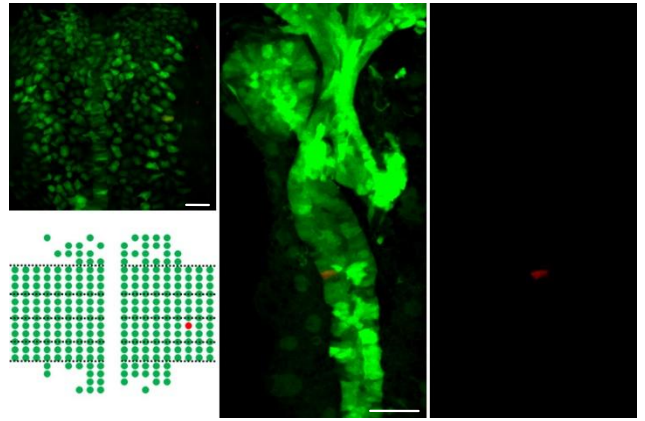
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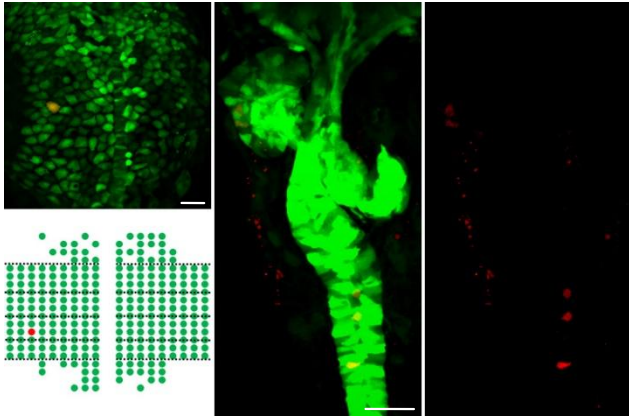
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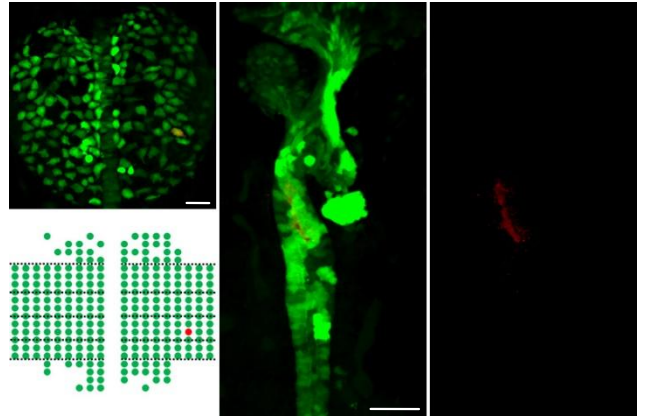
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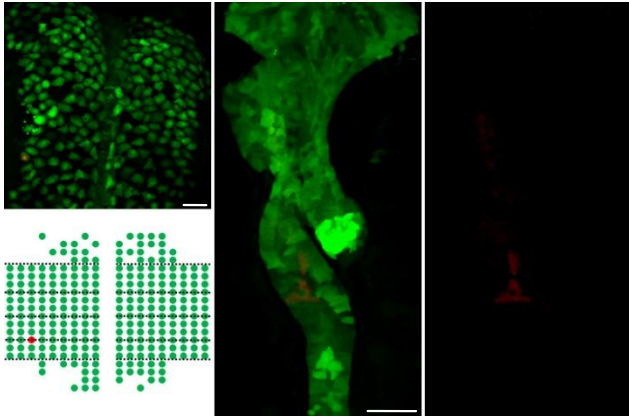
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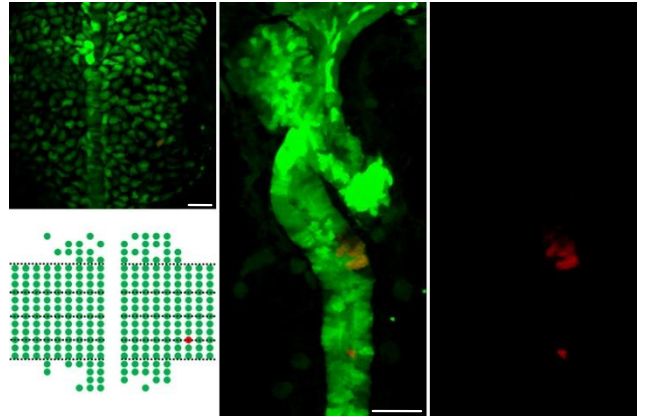
R-c7s3r2 (n=7)



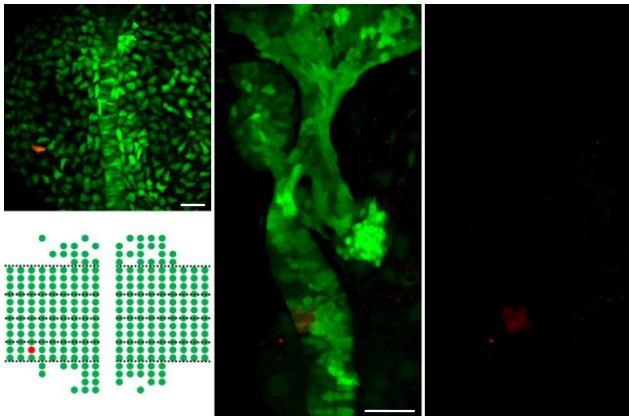
L-c7s34 (n=9)



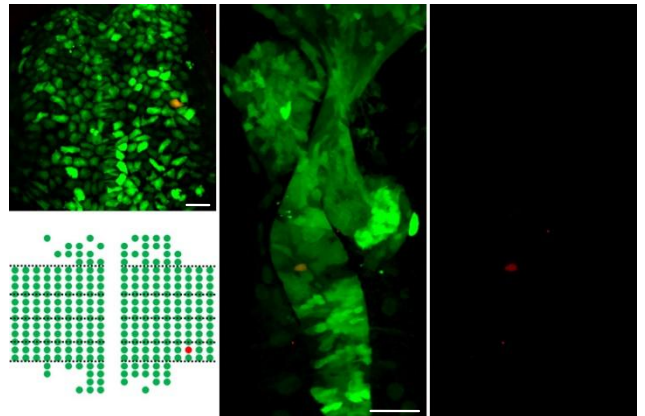
R-c7s34 (n=5)



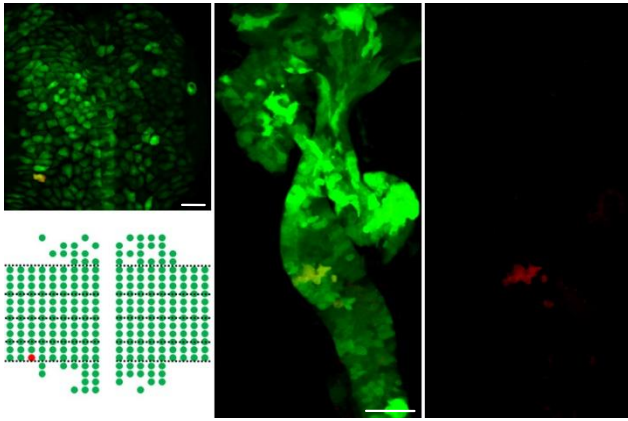
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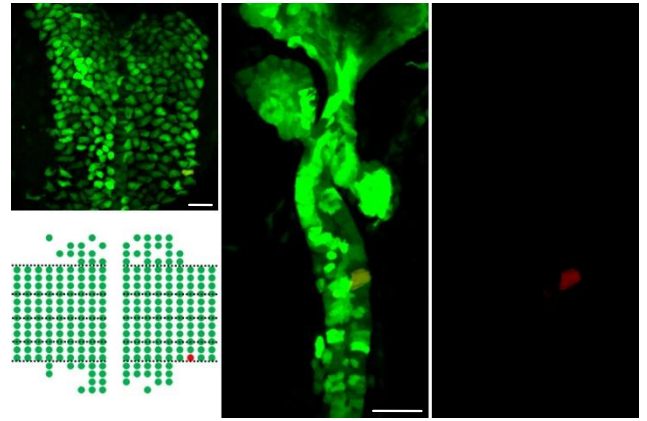
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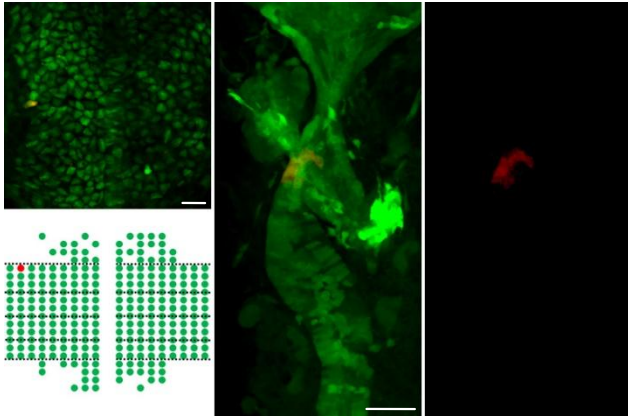
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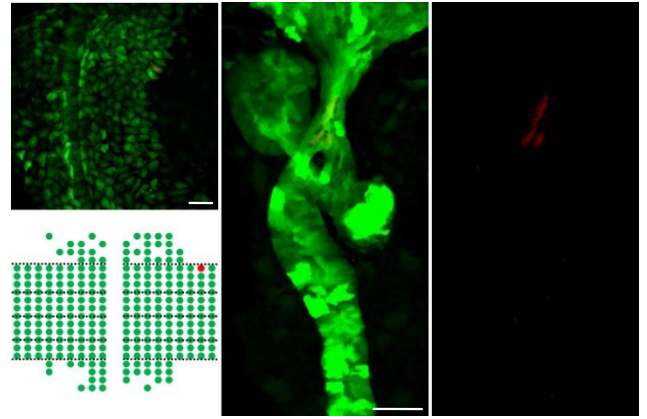
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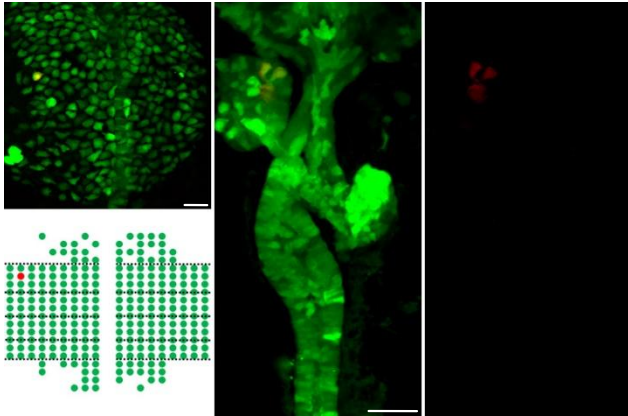
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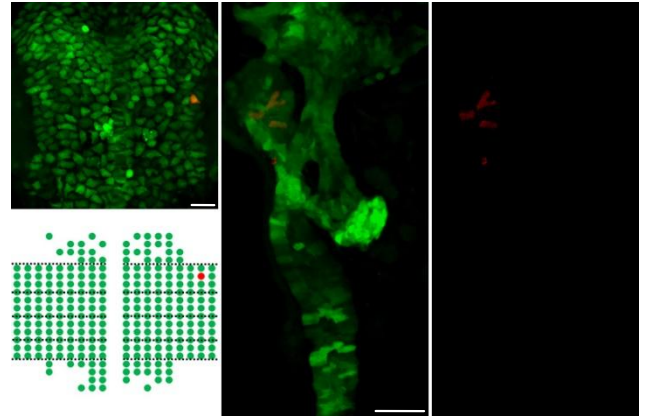
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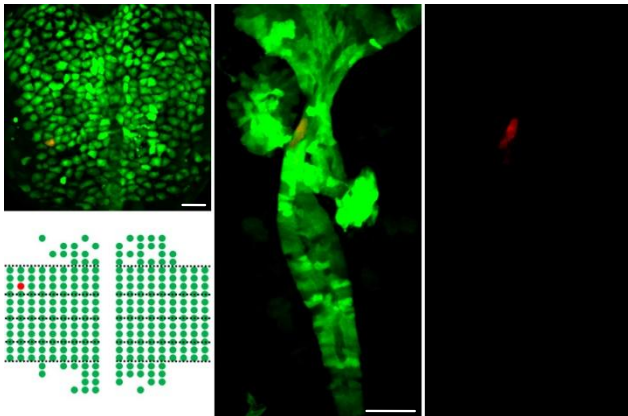
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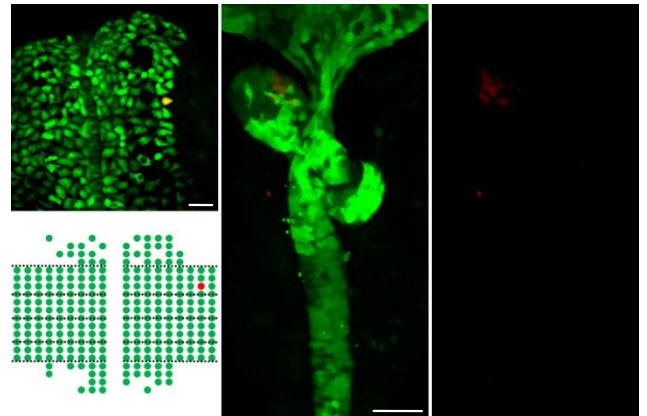
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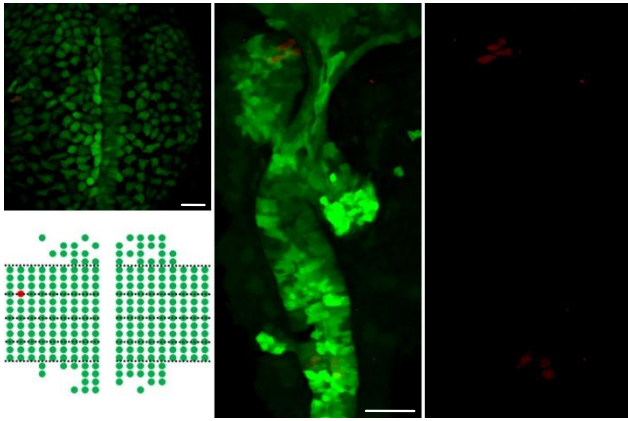
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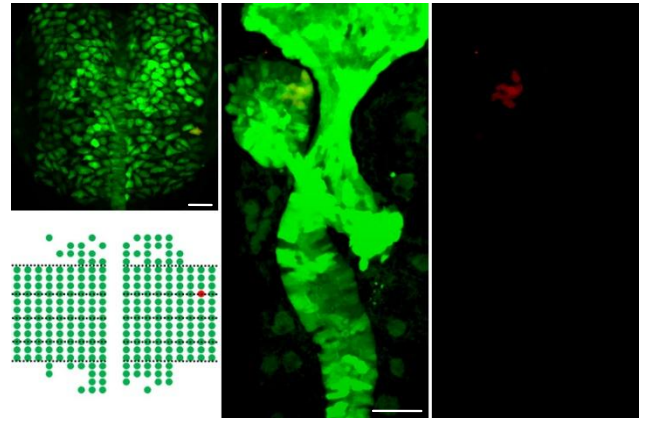
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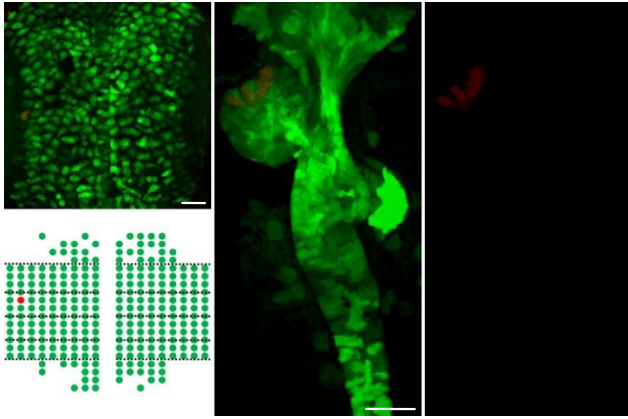
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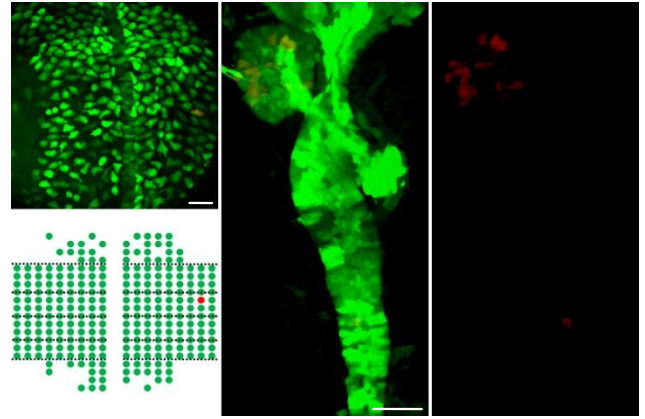
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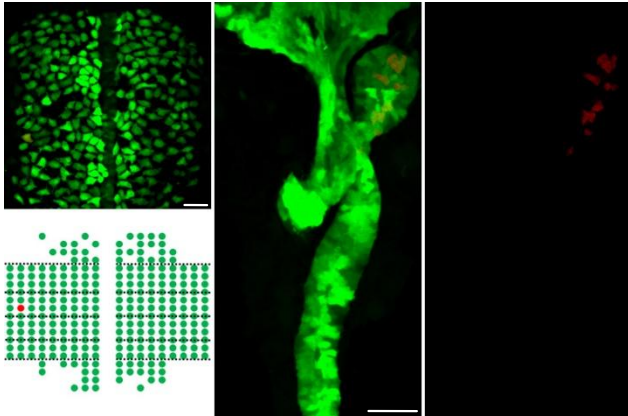
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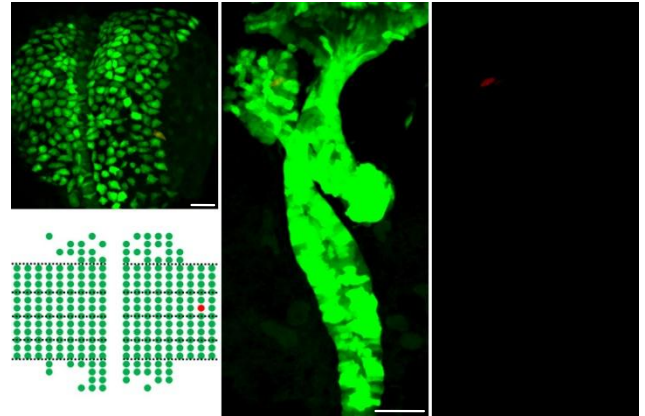
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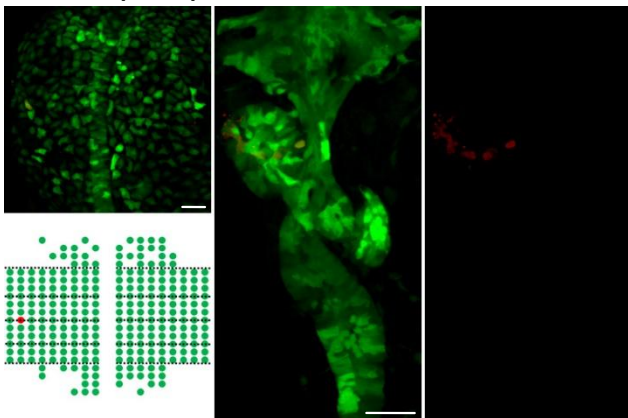
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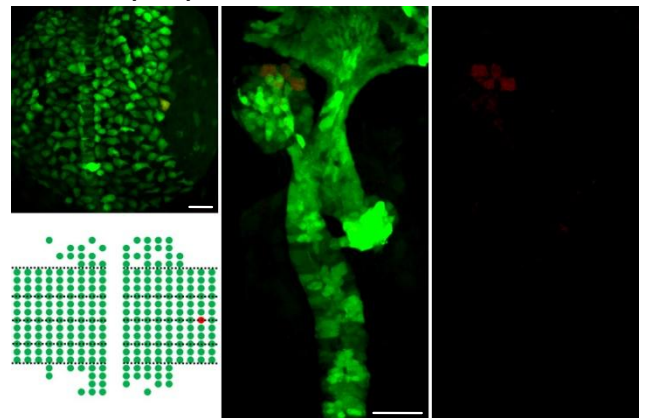
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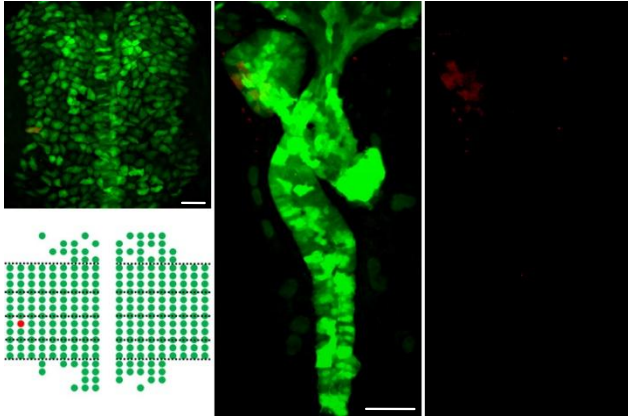
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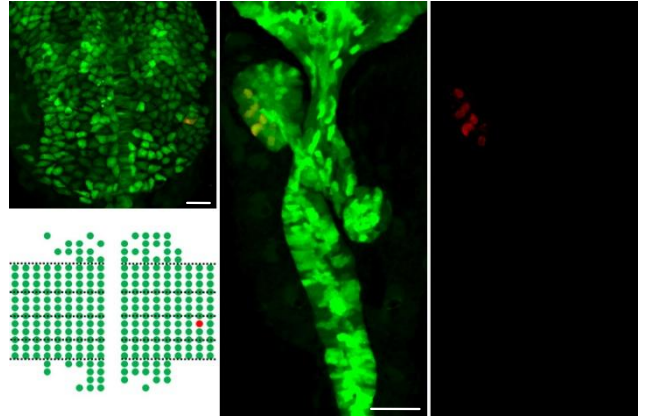
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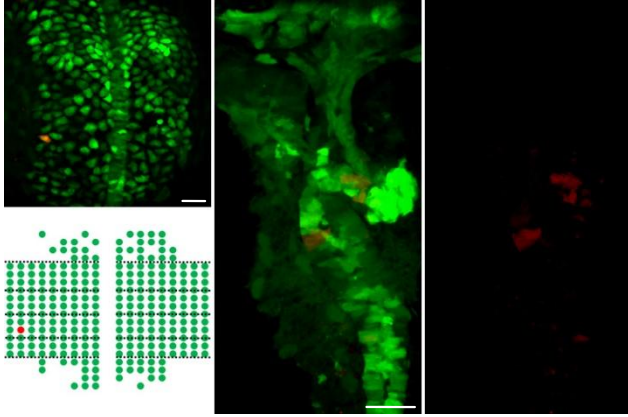
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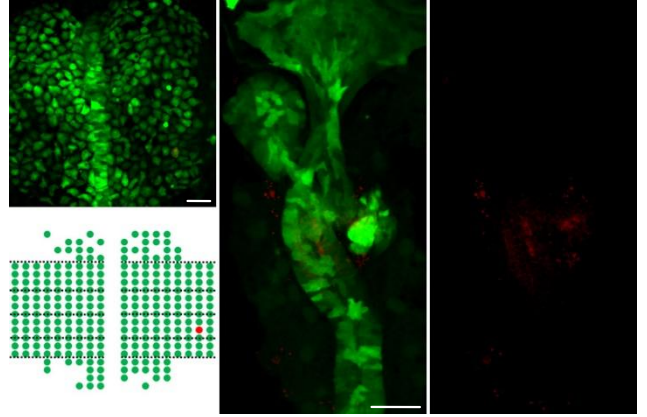
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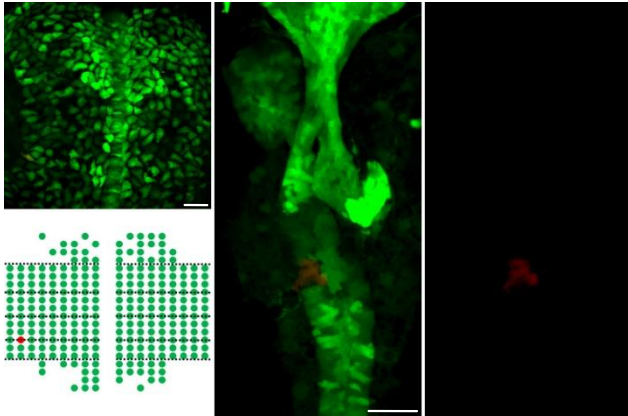
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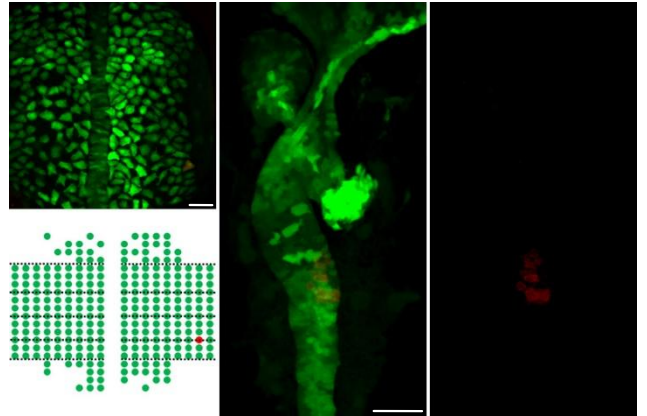
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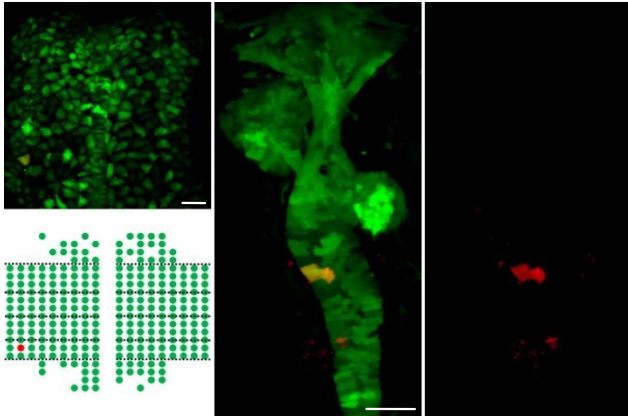
L-c8s34 (n=8)



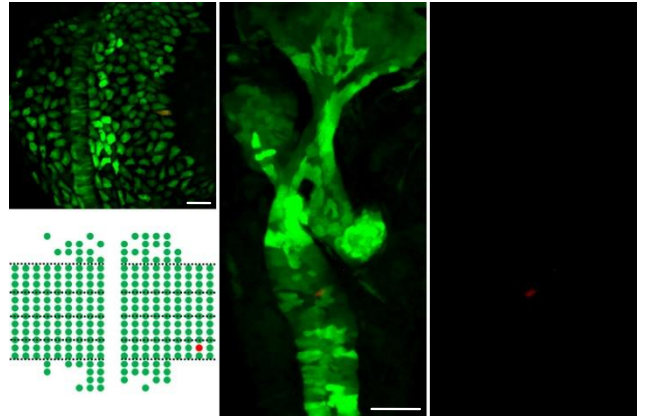
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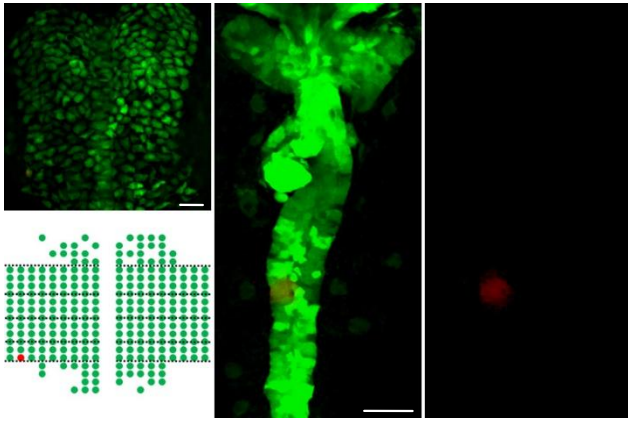
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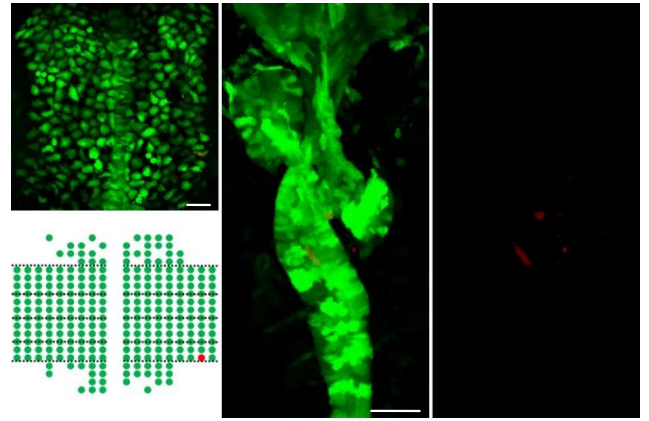
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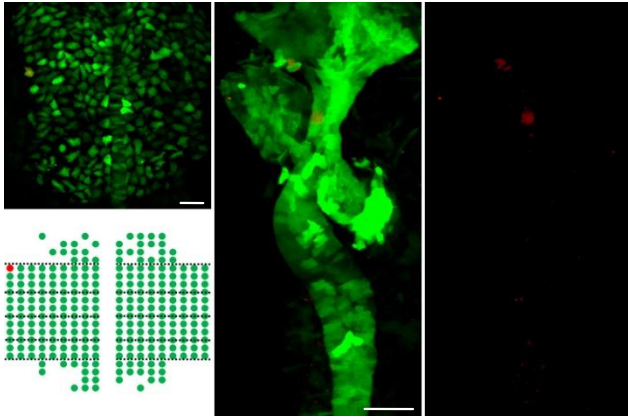
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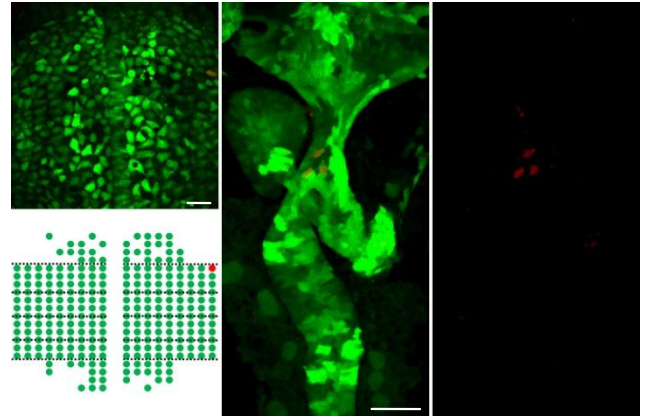
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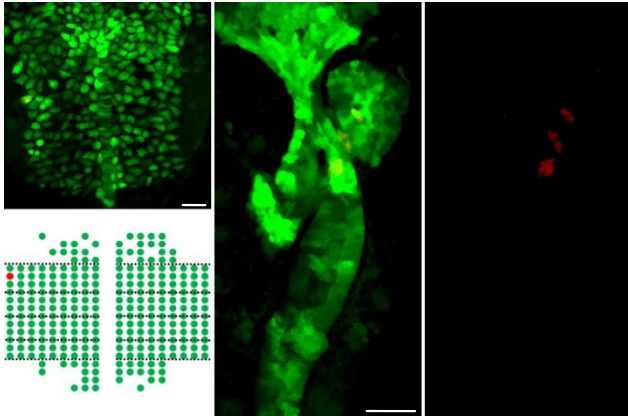
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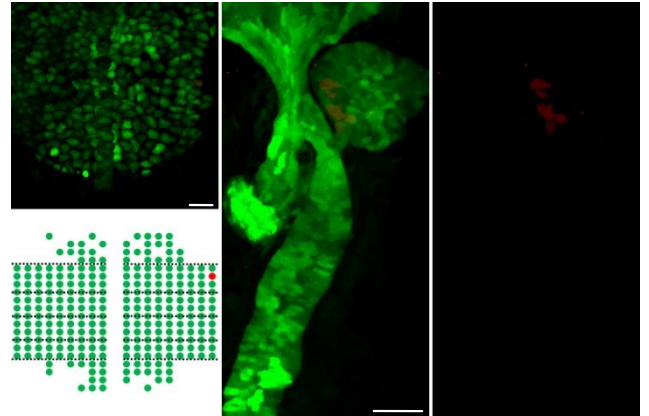
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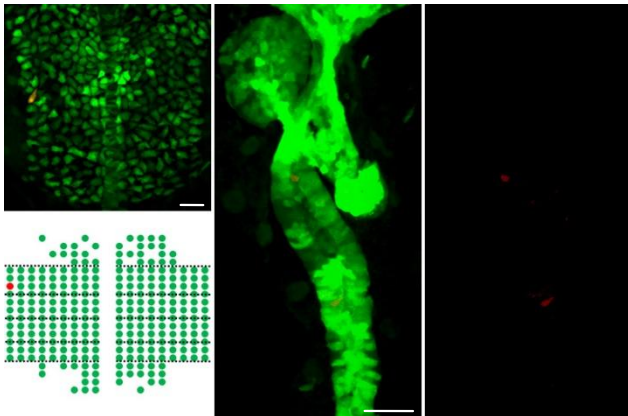
L-c9s1r2 (n=6)



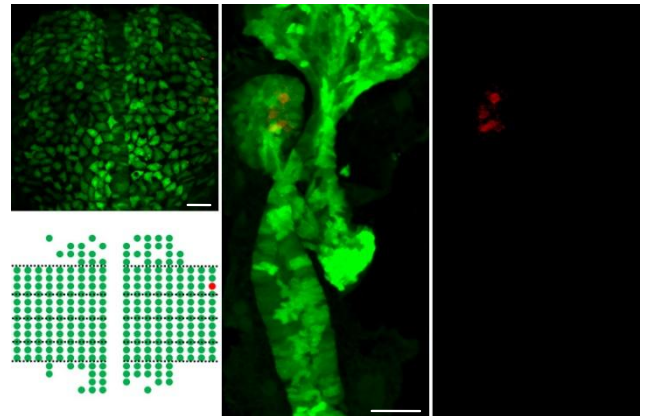
R-c9s1r2 (n=10)



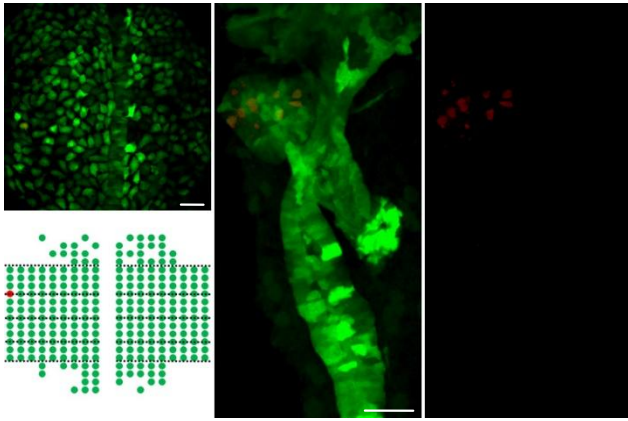
L-c9s1r3 (n=6)



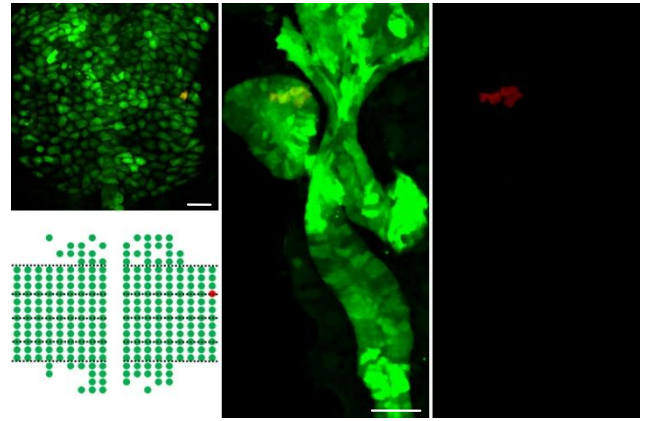
R-c9s1r3 (n=7)



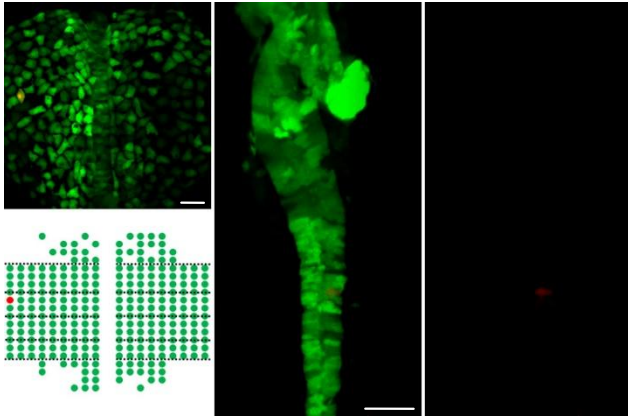
L-c9s12 (n=6)



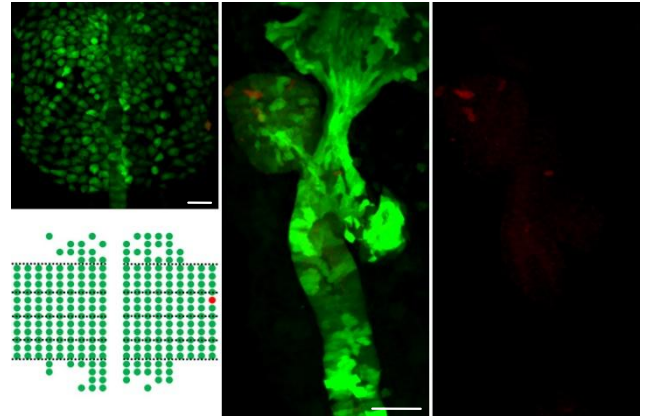
R-c9s12 (n=8)



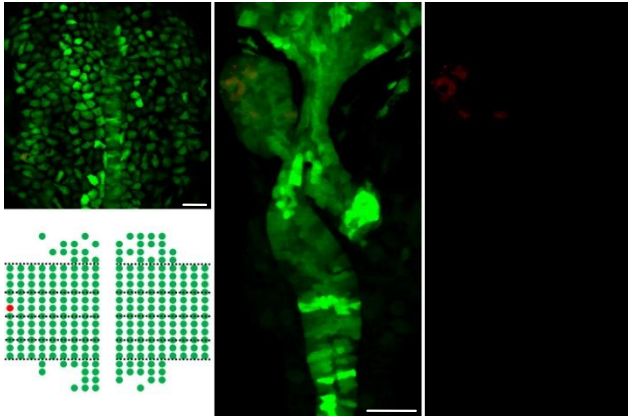
L-c9s2r1 (n=5)



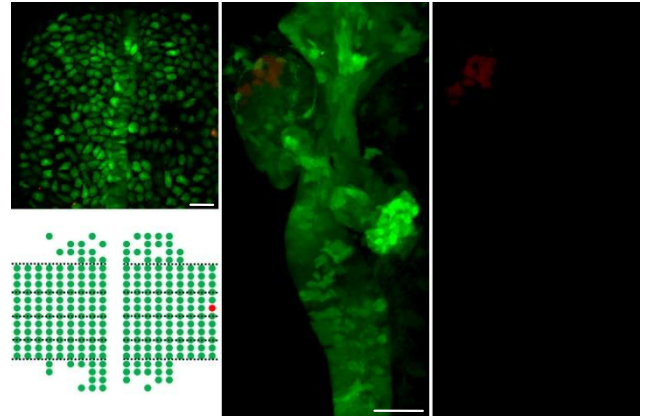
R-c9s2r1 (n=5)



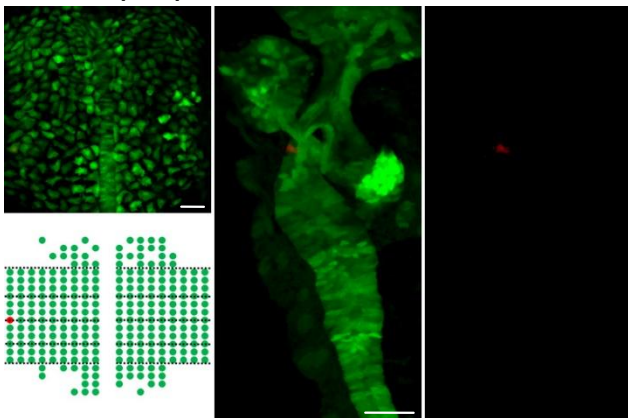
L-c9s2r2 (n=6)



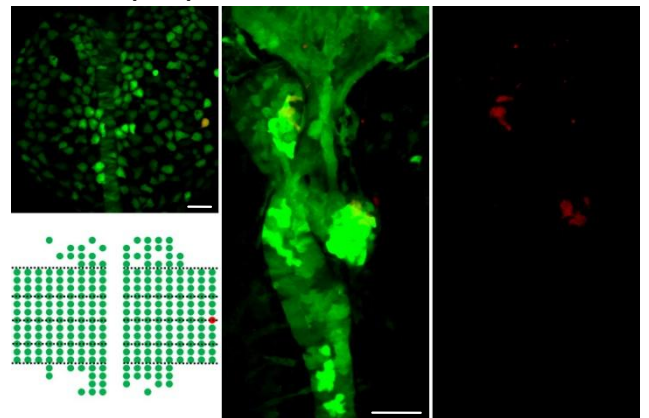
R-c9s2r2 (n=7)



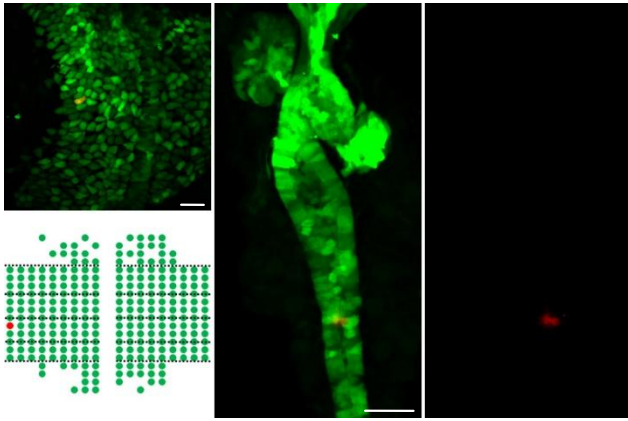
L-c9s23 (n=8)



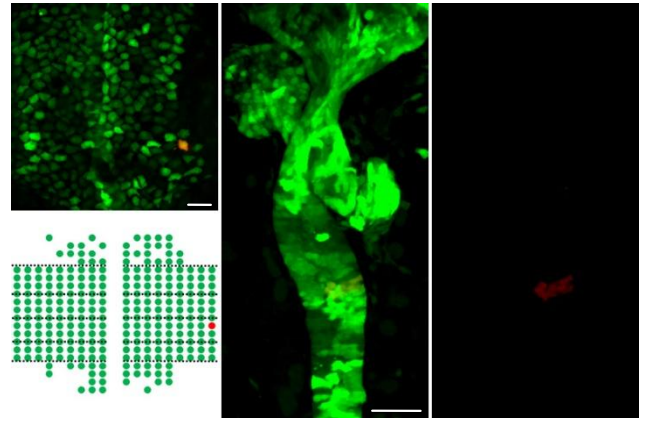
R-c9s23 (n=8)



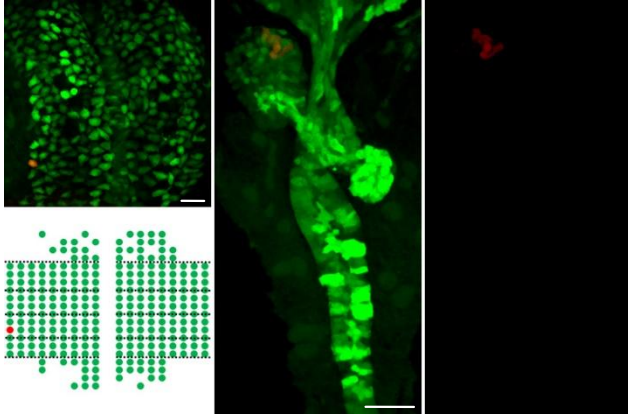
L-c9s3r1 (n=5)



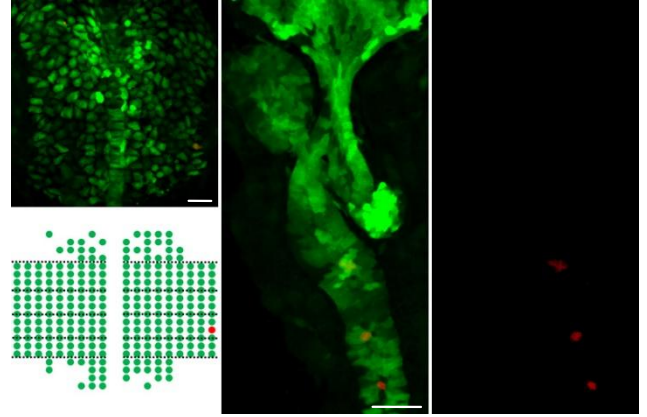
R-c9s3r1 (n=6)



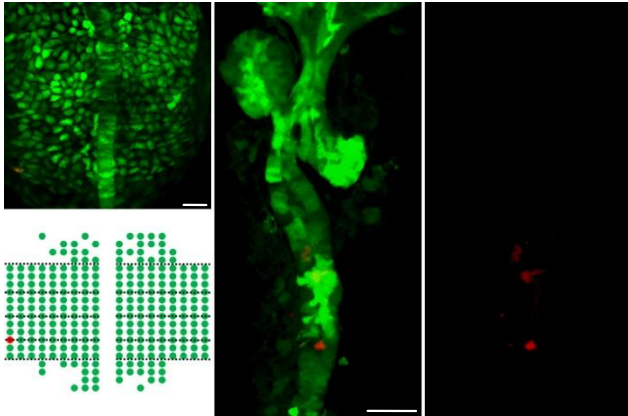
L-c9s3r2 (n=8)



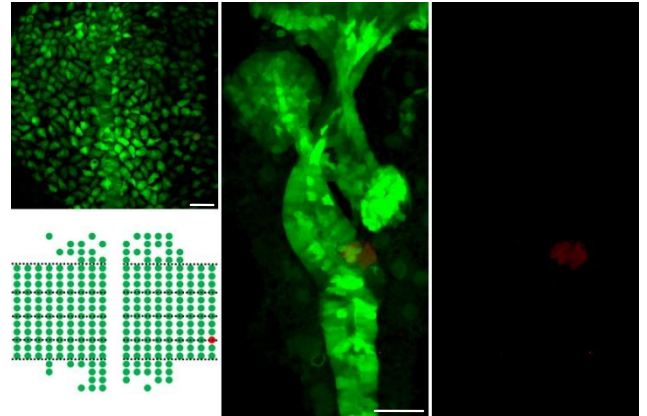
R-c9s3r2 (n=8)



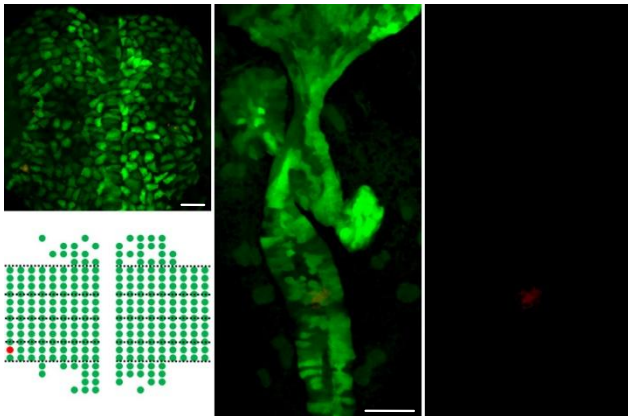
L-c9s34 (n=6)



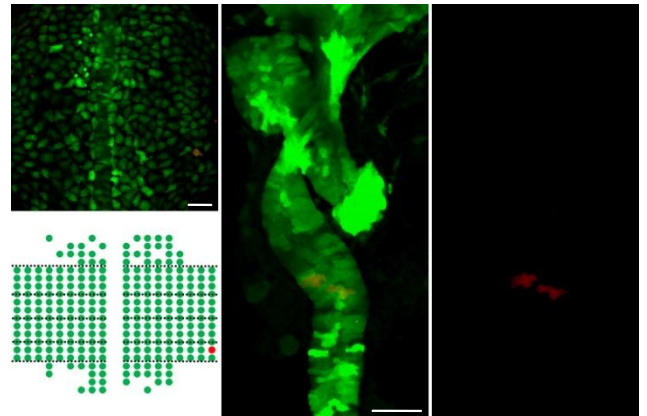
R-c9s34 (n=8)



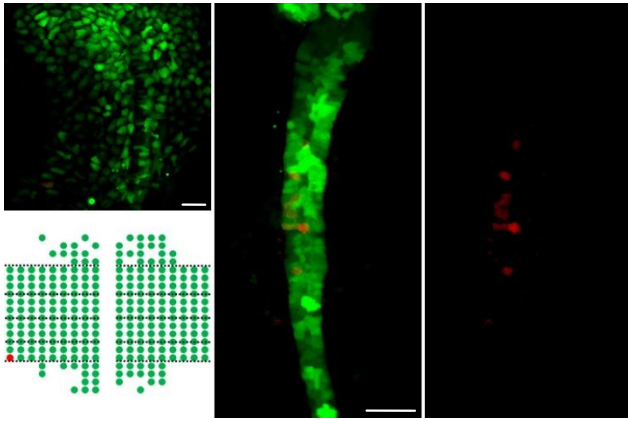
L-c9s4r1 (n=8)



R-c9s4r1 (n=5)



L-c9s4r2 (n=6)



R-c9s4r1 (n=5)

