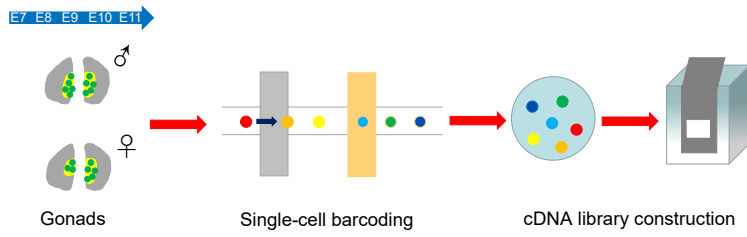


Figure S1

A**B**

Samples	Raw reads	Valid reads	Uniquely mapped reads	% of base pairs in exonic regions	% of base pairs in intronic regions	% of base pairs in intergenic regions	Estimated cells	Total cells	PGCs
E7-r1	601,312,993	317,972,678	277,388,103	86.28	2.11	11.6	18,549	32,385	2,375
E7-r2	706,399,870	549,682,984	498,036,339	85.34	2.93	11.73	13,836		
E8	760,955,944	535,367,560	480,355,466	86.19	3.54	10.27	11,257	11,257	564
E9-r1	701,590,297	633,868,558	541,197,430	78.24	7.36	14.4	12,085	23,629	2,063
E9-r2	762,627,466	538,996,509	490,934,750	84.15	3.99	11.86	11,544		
E10	745,693,077	589,899,274	526,404,623	84.14	4.08	11.78	13,623	13,623	2,086
E11	755,578,268	681,972,885	588,984,160	80.09	6.41	13.5	22,478	22,478	4,049
E7-D4	593,174,084	306,610,973	256,638,941	83.87	3.37	12.76	6,488	6,488	5,203
E7-D125	354,743,565	320,865,555	240,135,781	80.11	2.51	13.42	8,914	8,914	8,833

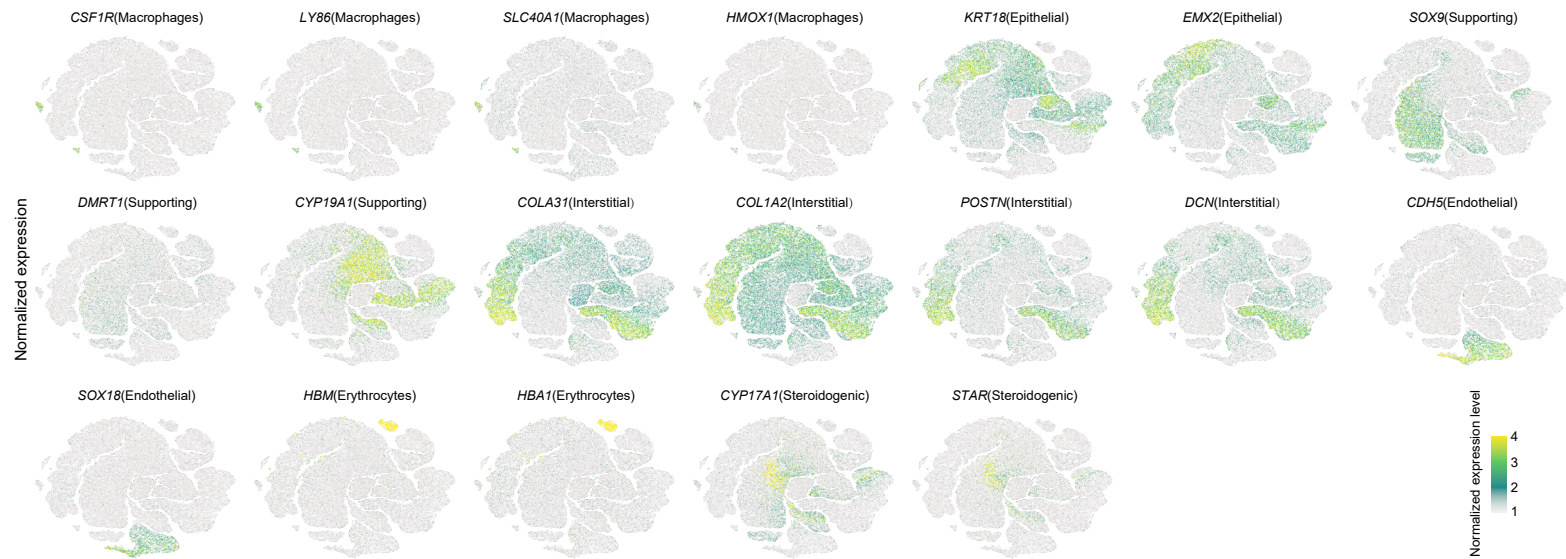
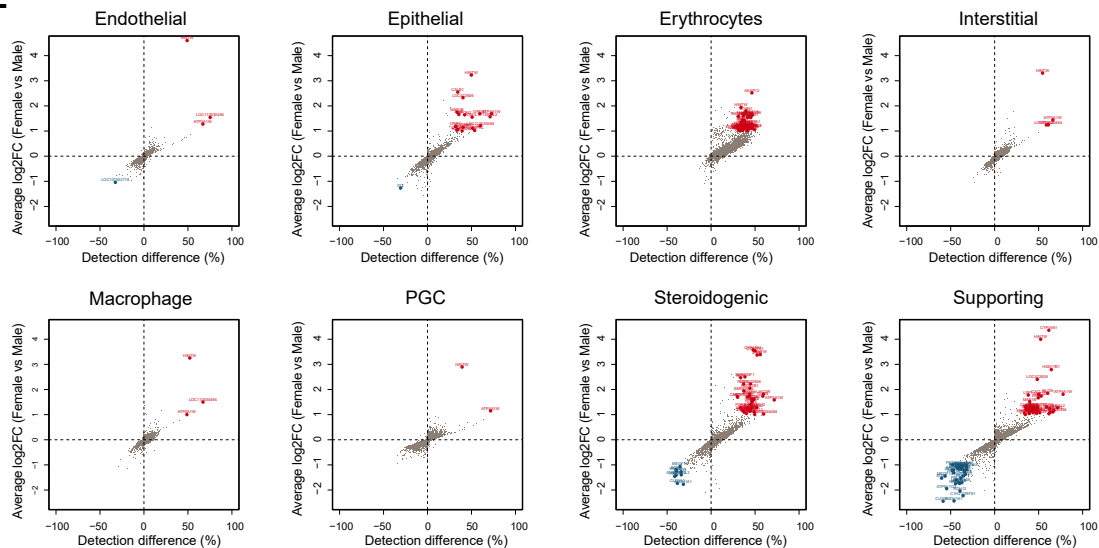
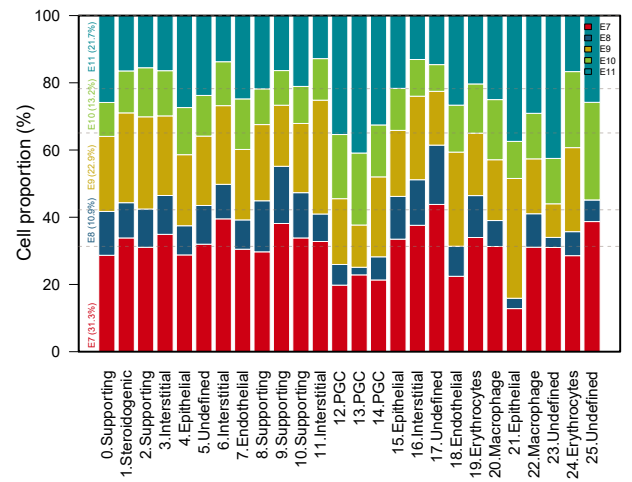
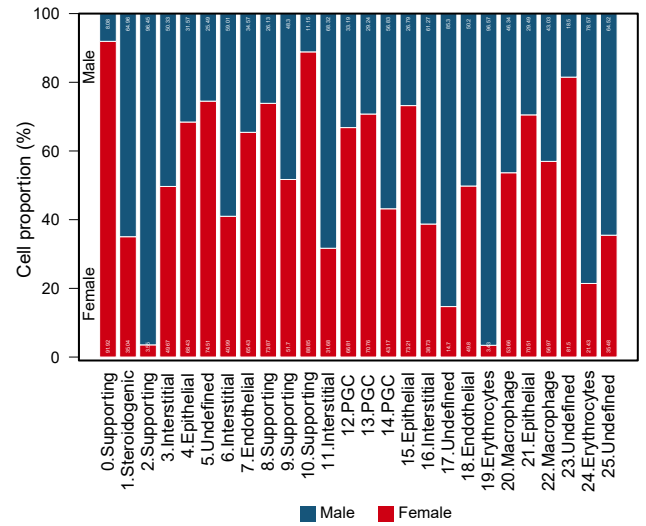
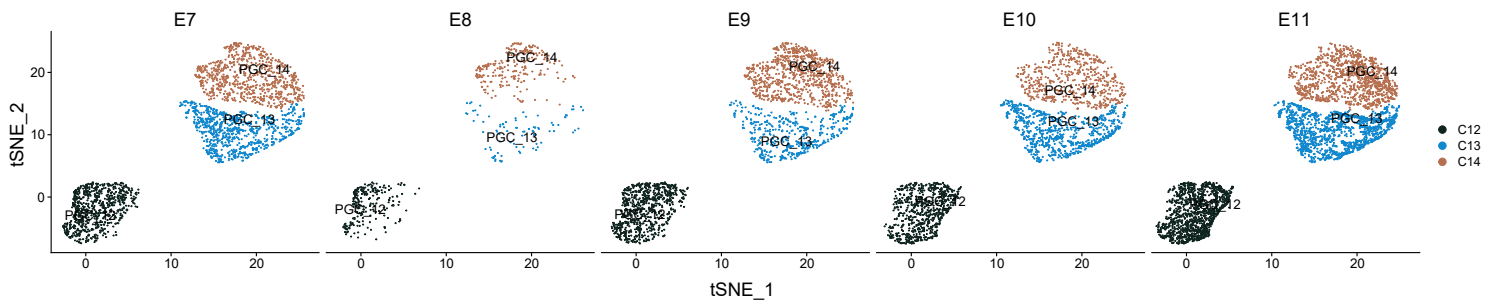
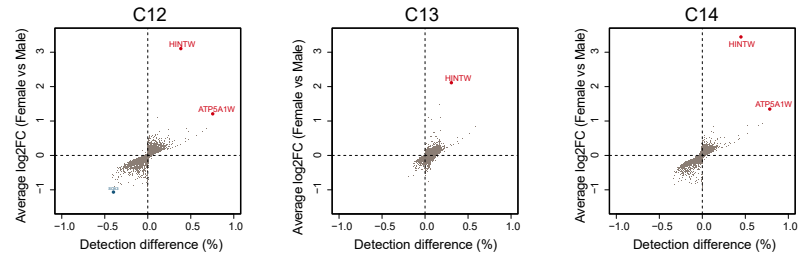
C**F****D****E**

Figure S2

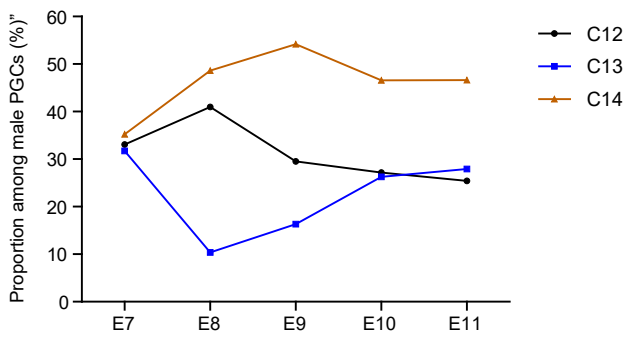
A



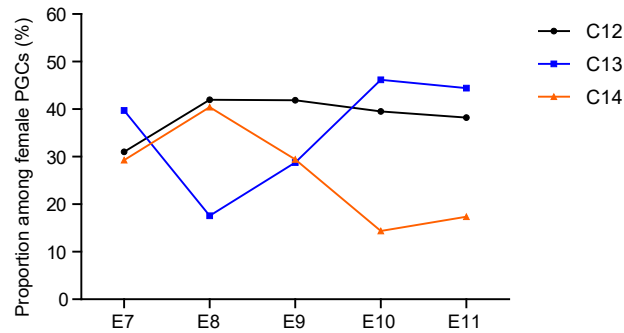
B



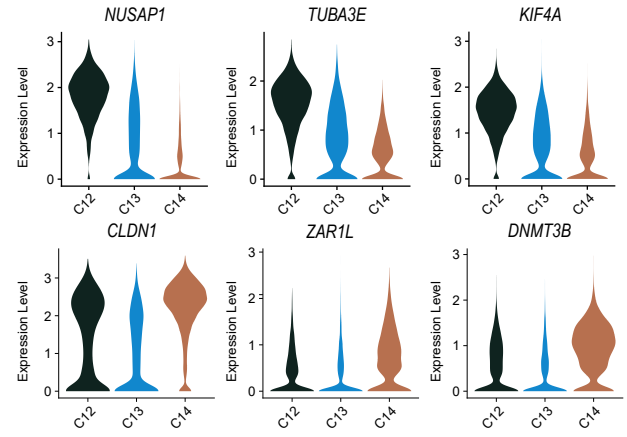
C



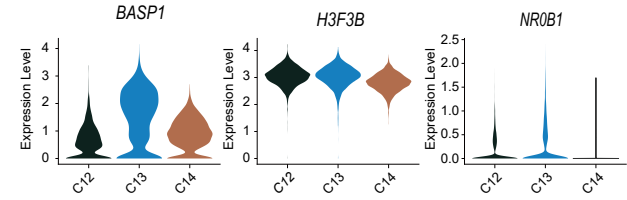
D



E



F



G

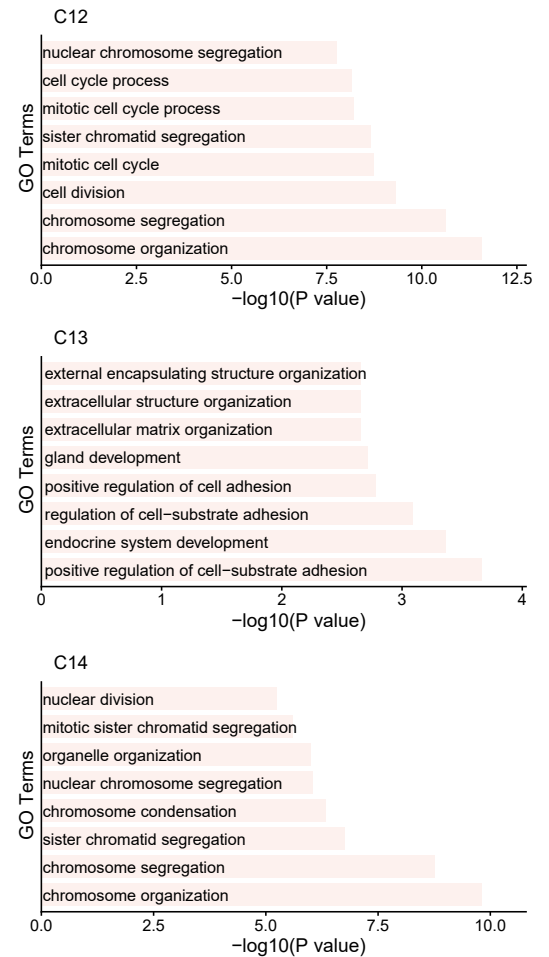
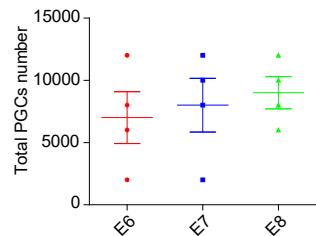
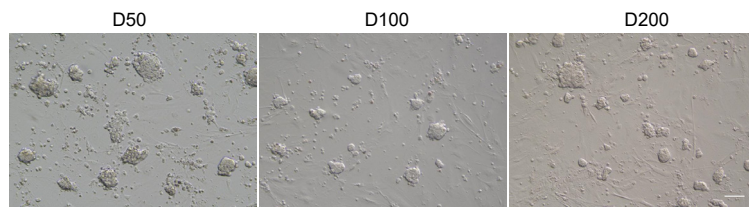


Figure S3

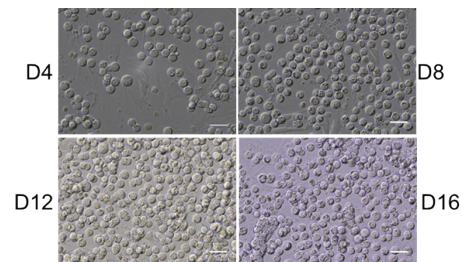
A



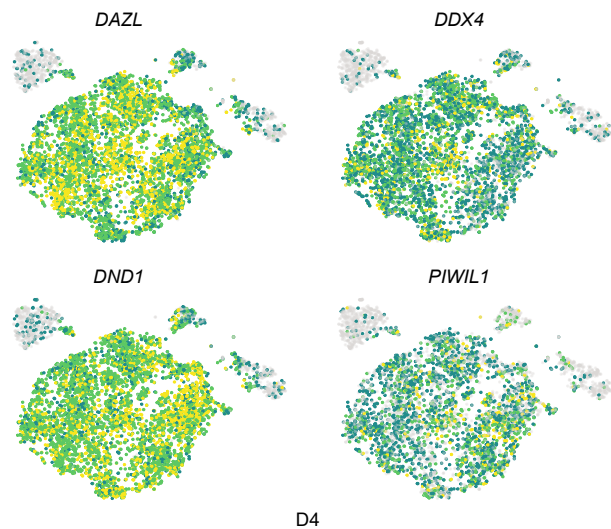
B



C



D



E

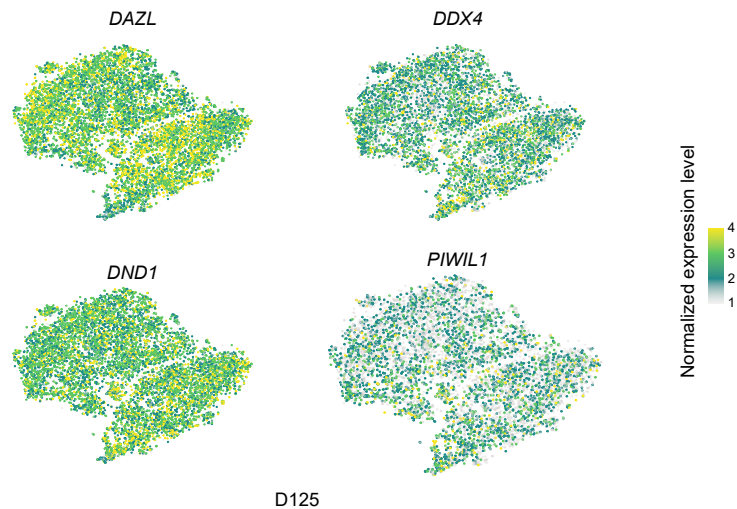


Figure S4

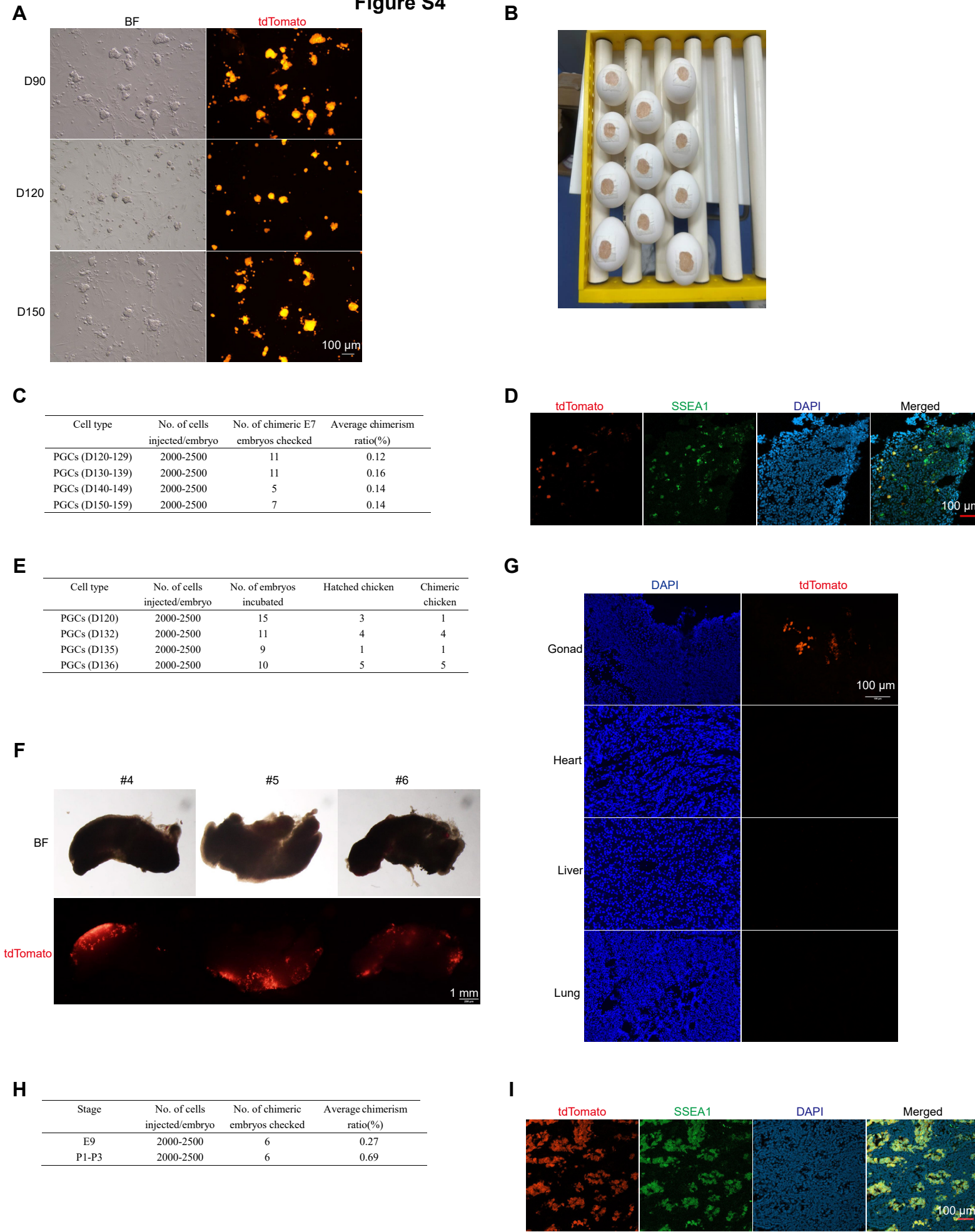
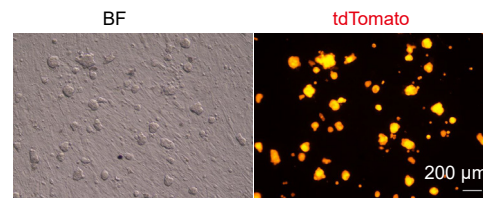
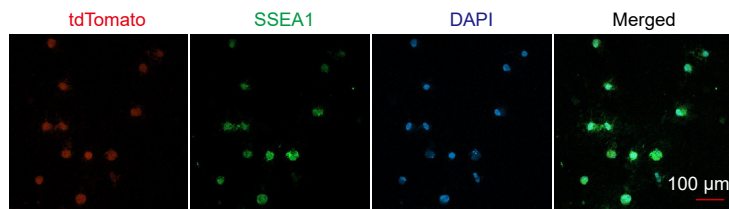
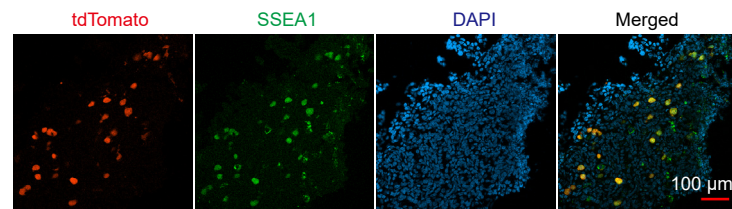


Figure S5**A**

Cell line	Receive stage	No. of cells collected
#3	E7	60
#4	E7	100
#5	E7	700
#11	E7	500

B**C****D****E**