

Supplemental Table 1

Supporting data for Fig. 1E

E13.5	GFP+ E-Cad+	Total E-cad+	Percent	E15.5	GFP+ E-Cad+	Total E-cad+	Percent
#1	13.00	465.00	2.80	#1	59.00	154.00	38.31
#2	28.00	319.00	8.78	#2	107.00	581.00	18.42
#3	12.00	688.00	1.74	#3	58.00	265.00	21.89
Total	53.00	1472.00		Total	224.00	1000.00	
		Mean	4.44			Mean	26.21
		SD	3.79			SD	10.63

Supplemental Table 2

Supporting Data for Fig. 3G							
R26mTmG/+;Hes1CreERT2/+				R26mTmG/+;ArL/Y;Hes1CreERT2/+			
Sample	GFP+AR+	Total GFP+	Percentage	Sample	GFP+AR+	Total GFP+	Percentage
#1	46	48	95.8	#1	10	60	16.7
#2	57	57	100.0	#2	35	105	33.3
#3	51	56	91.1	#3	29	127	22.8
#4	34	34	100.0	#4	29	63	46.0
#5	71	72	98.6	#5	16	70	22.9
#6	41	44	93.2	#6	24	68	35.3
#7	49	51	96.1	#7	22	70	31.4
#8	110	121	90.9	#8	33	152	21.7
		Mean	95.7			Mean	28.8
		SD	3.8			SD	9.5

Supplemental Table 3

Supporting Data for Fig. 3G-budding			
R26mTmG/+;Hes1CreERT2/+		R26mTmG/+;ArL/Y;Hes1CreERT2/+	
Sample		Sample	
#1	21	#1	6
#2	18	#2	7
#3	19	#3	9
#4	17	#4	4
#5	18	#5	6
#6	16	#6	8
#7	25	#7	9
#8	26	#8	14
#9	24	#9	11
Mean	20.4	Mean	8.2
SD	3.7	SD	3.0

Supplemental Table 4

Supporting Data for Fig. 4C			
R26mTmG/+;Hes1CreERT2/+		R26mTmG/+;ArL/Y;Hes1CreERT2/+	
#1	84	#1	270
#2	66	#2	251
#3	49	#3	248
Mean	66.3	Mean	256.3
SD	17.5	SD	11.9

Supplemental Table 5

Supporting Data for Fig. 4H							
R26mTmG/+;Hes1CreERT2/+				R26mTmG/+;ArL/Y;Hes1CreERT2/+			
	GFP+AR+	Total GFP+	Percentage		GFP+AR+	Total GFP+	Percentage
#1	160	181	88.4	#1	55	141	39.0
#3	56	56	100.0	#2	41	71	57.7
#4	139	139	100.0	#3	89	353	25.2
#5	212	242	87.6	#4	47	109	43.1
#7	129	148	87.2	#5	17	58	29.3
#8	122	128	95.3	#6	32	99	32.3
#10	66	69	95.7	#7	77	241	32.0
#11	188	199	94.5	#8	31	84	36.9
Total	1072	1162		Total	389	1156	
		Mean	93.6			Mean	36.9
		SD	5.3			SD	10.1

Supplemental Table 6

Supporting Data for Fig. 4I							
R26mTmG/+;Hes1CreERT2/+				R26mTmG/+;ArL/Y;Hes1CreERT2/+			
	PCNA+ GFP+	Total GFP+	Percentage		PCNA+ GFP+	Total GFP+	Percentage
#1	11	68	16.2	#1	3	241	1.2
#2	19	129	14.7	#2	2	100	2.0
#3	25	334	7.5	#3	4	144	2.8
#4	16	133	12.0	#4	0	83	0.0
#5	18	89	20.2	#5	7	159	4.4
#6	31	176	17.6	#6	6	74	8.1
#7	12	53	22.6	#7	2	108	1.9
#8	11	78	14.1	#8	3	66	4.5
#9	8	100	8.0	#9	3	98	3.1
Total	151	1160		Total	30	1073	
		Mean	14.8			Mean	3.1
		SD	5.1			SD	2.4

Supplemental Table 7

Supporting Data for Fig. 5F							
R26mTmG/+;Hes1CreERT2/+				R26mTmG/+;ArL/Y;Hes1CreERT2/+			
	PCNA+ E-cad+	Total E-cad+	Percentage		PCNA+ E-cad+	Total E-cad+	Percentage
#1	24	308	7.8	#1	3	61	4.9
#2	6	59	10.2	#2	5	99	5.1
#3	20	165	12.1	#3	2	108	1.9
#4	8	77	10.4	#4	3	67	4.5
#5	13	144	9.0	#5	2	81	2.5
#6	4	78	5.1	#6	2	46	4.3
#7	3	53	5.7	#7	1	173	0.6
#8	17	181	9.4	#8	6	194	3.1
#9	4	41	9.8	#9	5	216	2.3
Total	99	1106		Total	29	1045	
		Mean	8.8			Mean	3.2
		SD	2.3			SD	1.6

Supplemental Table 8

Supporting data For Figure 6H prior to Regeneration									
AP	R26mTmG/+ Hes1CreERT2/+	GFP+ cells	Total cells	Percentage	R26mTmG/+ ArL/Y Hes1CreERT2/+	GFP+ cells	Total cells	Percentage	
#1		81	574	14.1	#1	55	348	15.8	
#2		21	215	9.8	#2	41	363	11.3	
#3		65	333	19.5	#3	49	481	10.2	
			Mean	14.5			Mean	12.4	
			SD	7.7			SD	3.0	
DLP	R26mTmG/+ Hes1CreERT2/+	GFP+ cells	Total cells	Percentage	R26mTmG/+ ArL/Y Hes1CreERT2/+	GFP+ cells	Total cells	Percentage	
#1		56	466	12.0	#1	59	299	19.7	
#2		29	551	5.3	#2	45	398	11.3	
#3		29	486	6.0	#3	21	361	5.8	
			Mean	7.7			Mean	12.3	
			SD	3.7			SD	7.0	
VP	R26mTmG/+ Hes1CreERT2/+	GFP+ cells	Total cells	Percentage	R26mTmG/+ ArL/Y Hes1CreERT2/+	GFP+ cells	Total cells	Percentage	
#1		91	410	22.2	#1	94	470	20.0	
#2		39	508	7.7	#2	55	308	17.9	
#3		59	288	20.5	#3	67	477	14.0	
			Mean	16.8			Mean	17.3	
			SD	7.9			SD	3.0	
Supporting data For Figure 6H post Regeneration									
AP	R26mTmG/+ Hes1CreERT2/+	GFP+ cells	Total cells	Percentage	R26mTmG/+ ArL/Y Hes1CreERT2/+	GFP+ cells	Total cells	Percentage	
#1		208	599	34.7	#1	88	355	24.8	
#2		111	358	31.0	#2	50	514	9.7	
#3		108	366	29.5	#3	20	209	9.6	
			Mean	31.7			Mean	14.7	
			SD	2.7			SD	8.7	
DLP	R26mTmG/+ Hes1CreERT2/+	GFP+ cells	Total cells	Percentage	R26mTmG/+ ArL/Y Hes1CreERT2/+	GFP+ cells	Total cells	Percentage	
#1		258	419	61.6	#1	29	209	13.9	
#2		360	581	62.0	#2	94	361	26.0	
#3		208	388	53.6	#3	77	308	25.0	
			Mean	59.0			Mean	21.6	
			SD	4.7			SD	6.7	
VP	R26mTmG/+ Hes1CreERT2/+	GFP+ cells	Total cells	Percentage	R26mTmG/+ ArL/Y Hes1CreERT2/+	GFP+ cells	Total cells	Percentage	
#1		221	294	75.2	#1	78	388	20.1	
#2		292	588	49.7	#2	194	613	31.6	
#3		209	332	63.0	#3	166	383	43.3	
			Mean	62.6			Mean	31.7	
			SD	12.8			SD	11.6	