

Table S3 Figure S2 supporting information. “Abbr” denotes abbreviation of genotype used in supplemental Figure S2. List of genotypes, number (n) of nurse cells for each of the three FISH probes, and p-values for supplemental Figure S2. The *Smc4* allele is *SMC4*^{k08819} and the *Cap-H2* allele is *Cap-H2*^{Z3-0019}. The p-value is a two-tailed student T-test in Microsoft Excel and relative to the OrR-S. “nd” denotes not done.

Abbr.	Genotype	T-test to Genotype	Cap-H2					n of Ubx	n of 34D	n of Cap-H2
			Ubx FISH	34D FISH	FISH	n of Ubx				
	SMC4/+;Cap-H2/reptin^P{PZ}06945	SMC4/+;Cap-H2/+	2.07E-15	1.88E-20	3.10E-07	125		37	115	
	SMC4/+;Cap-H2/reptin^Pbac{WH}f01801		9.99E-08	2.66E-14	2.63E-08	77		59	63	
	SMC4/+;Cap-H2/Mrg15^j6A3		1.58E-12	3.72E-08	3.92E-13	124		19	83	
Tip60G	Tip60^P{Mae-UAS.6.11}GG01739/+;									
	SMC4/+;Cap-H2/+		2.13E-12	5.21E-03	1.80E-06	75		49	79	
Tip60E	Tip60^Pbac{RB}e02395/+;SMC4/+;Cap-H2/+		4.01E-01	1.63E-01	8.37E-01	89		55	92	
	Tip60G/Tip60E; SMC4/+; Cap-H2/+		7.01E-28	2.43E-09	nd	89		81	nd	
	SMC4/+;Cap-H2/+	OrR-S	9.36E-53	3.93E-26	1.34E-32	59		61	74	
	reptin^P{PZ}06945/+		1.64E-04	2.13E-05	1.28E-02	86		72	63	
	reptin^Pbac{WH}f01801/+		4.76E-01	1.64E-01	7.49E-02	63		48	68	
Mrg15Df	Df(3R)BSC741/+		2.06E-08	5.51E-01	5.88E-08	63		59	58	
	Tip60G/Tip60E		3.49E-07	2.11E-10	1.46E-08	79		57	86	
wt	OrR-S					101		86	82	