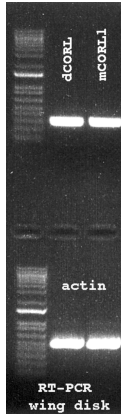
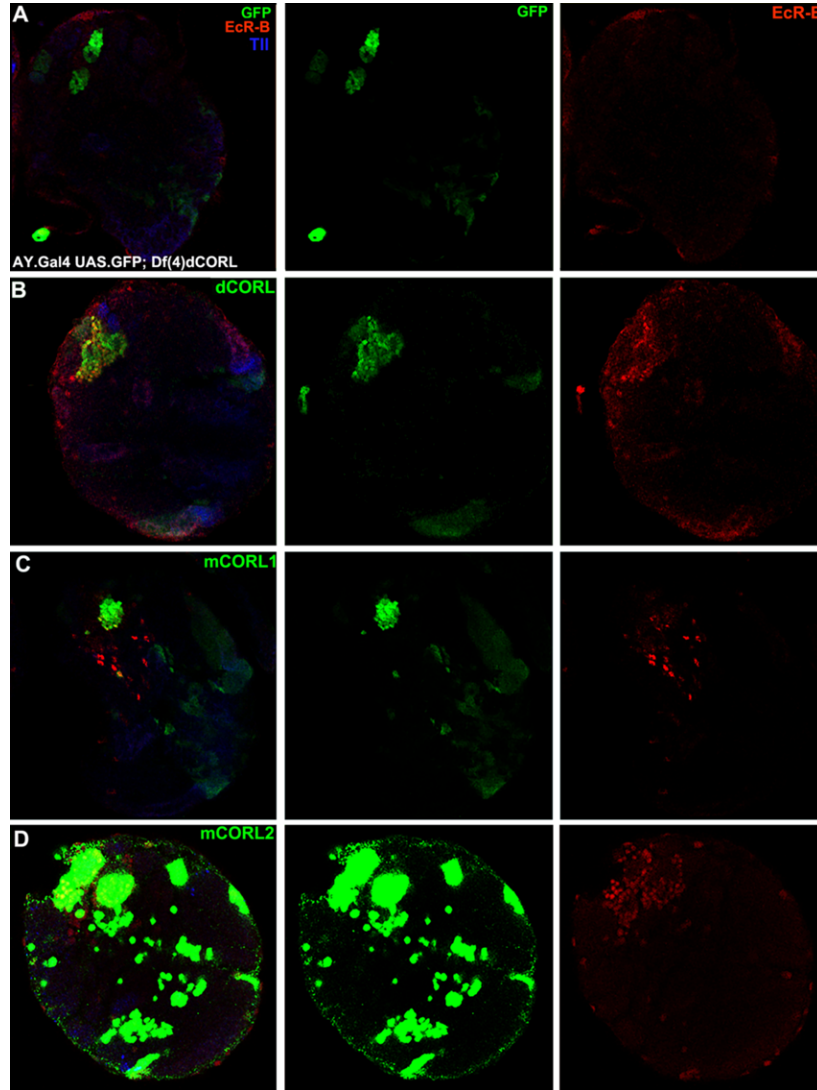
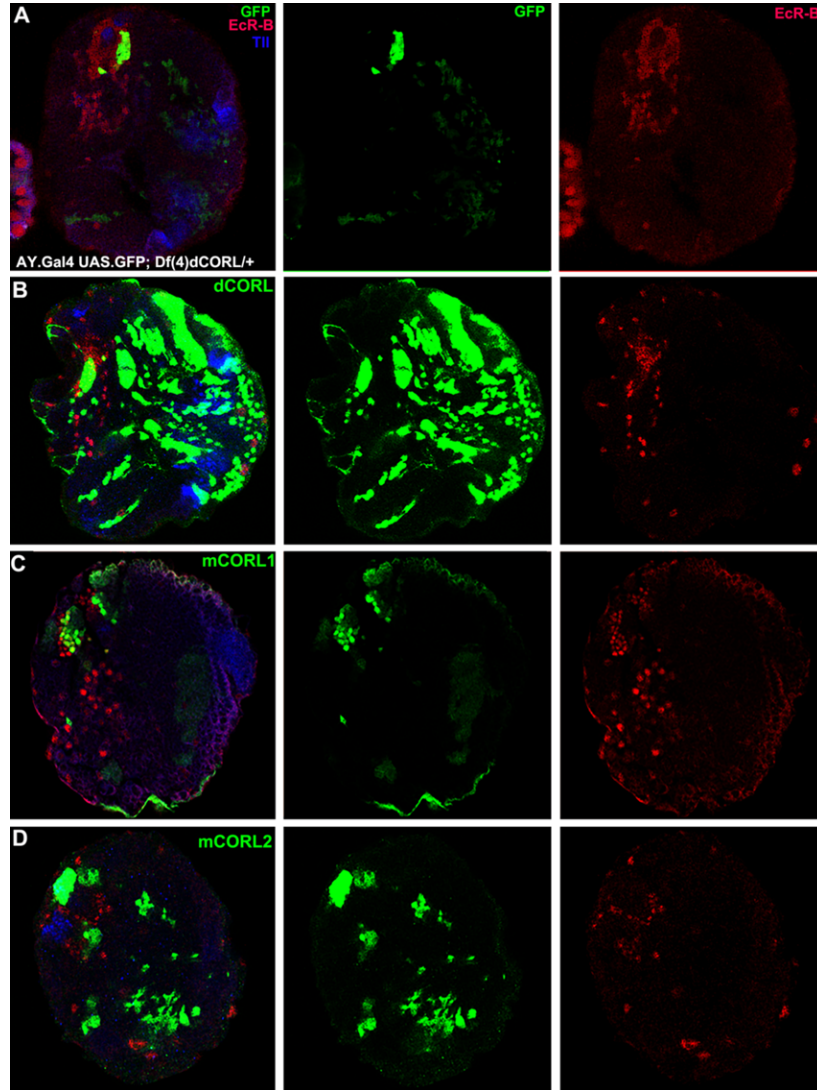


**Supplemental Data - one Table and two Figures**

Table S1. Wing phenotypes of MS1096.GAL4 x UAS <i>dCORL</i> , <i>mCORL1</i> and <i>mCORL2</i> .					
	Phenotype	# phenotype		% phenotype	
UAS <i>dCORL</i>	PCV missing/truncated	62		100%	
Total Female Wings	L1 vein ectopic hair	42		68%	
62	L2 vein ectopic hair	4		6%	
	L3 vein ectopic hair	6		10%	
	L5 vein ectopic hair	33		53%	
	L2 vein truncated/interrupted	3		5%	
	L5 vein truncated/interrupted	13		21%	
UAS <i>mCORL1</i>		Inserted III		Inserted II	
Total Female Wings		#	%	#	%
III = 90	Small wing	90	100%	80	100%
II = 80	ACV missing/truncated	46	51%	28	35%
	PCV missing/truncated	63	70%	48	60%
	L1 vein ectopic hair L1	6	7%	0	0%
	L1 vein truncated/interrupted	21	23%	1	1%
	L2 vein truncated/interrupted	11	12%	65	81%
	L3 vein truncated/interrupted	3	3%	1	1%
	L4 vein truncated/interrupted	0	0%	22	28%
	L5 vein truncated/interrupted	90	100%	80	100%
	L2 vein ectopic tissue	36	40%	1	1%
	L3 vein ectopic tissue	1	1%	0	0%
UAS <i>mCORL2</i>		Inserted X		Inserted II	
Total Female Wings		#	%	#	%
X = 60	ACV missing/truncated	43	72%	75	80%
II = 94	PCV missing/ truncated	41	68%	54	57%
	L1 vein ectopic hair	13	22%	13	14%
	L3 vein ectopic hair	0	0%	1	1%
	L1 vein truncated/interrupted	59	98%	70	74%
	L2 vein truncated/interrupted	12	20%	44	47%
	L4 vein truncated/interrupted	1	2%	62	66%
	L5 vein truncated/interrupted	60	100%	94	100%
	L1 vein ectopic tissue	60	100%	94	100%
	L2 vein ectopic tissue	8	13%	38	40%



**Fig. S1. Whole brain lobe images of the rescue experiments shown in Fig. 3.** Single slice images of the brain lobes containing the clones shown in Fig. 3. A) A lobe with a clone in the MB expressing AY.Gal4 UAS.GFP on II. EcR-B1 expression remains absent and is not rescued. B) A lobe with a clone in the MB expressing AY.Gal4 UAS.GFP on II and UAS.dCORL on III. EcR-B1 expression is rescued in the clone. C) A lobe with a clone in the MB expressing AY.Gal4 UAS.GFP on II and. UAS.mCORL1 on III. EcR-B1 expression in the clone is faint and a few non-specific EcR-B1 cells outside the MB region are visible. D) A lobe with two clones encompassing the entire MB expressing AY.Gal4 UAS.GFP on II and. UAS.mCORL2 on III. EcR-B1 expression is rescued, a phenocopy of dCORL.



**Fig. S2. Whole brain lobe images of the overexpression experiments shown in Fig. 4.** Single slice images of the brain lobes containing the clones shown in Fig. 4. A) A lobe with a clone in the MB expressing AY.Gal4 UAS.GFP on II. EcR-B1 is unaffected. B) A lobe with a clone in the MB expressing AY.Gal4 UAS.GFP on II and UAS.dCORL on III. EcR-B1 expression is repressed in the clone. C) A lobe with a clone in the MB region expressing AY.Gal4 UAS.GFP on II and UAS.mCORL on III. Where EcR-B1 expression overlaps the clone it is unaffected. D) A lobe with a clone in the MB expressing AY.Gal4 UAS.GFP on II and UAS.mCORL on III. EcR-B1 expression is repressed in the clone, a phenocopy of dCORL.