

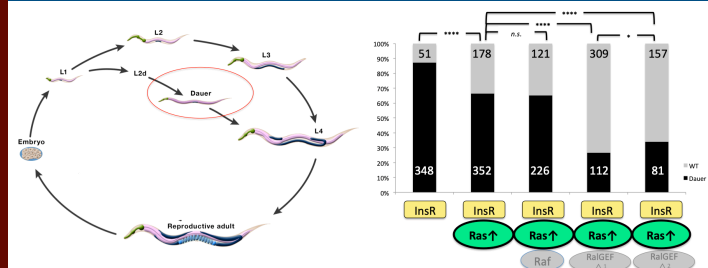
Ras-RalGEF-Ral-dependent developmental events in *C. elegans* development and metabolism

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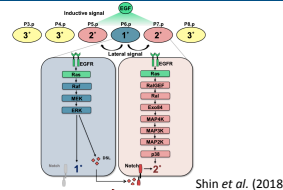
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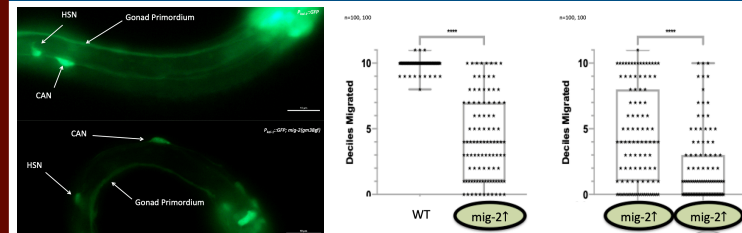
7. Ras functions in the dauer InsR signal: Raf, PI3K or RalGEF>Ral?



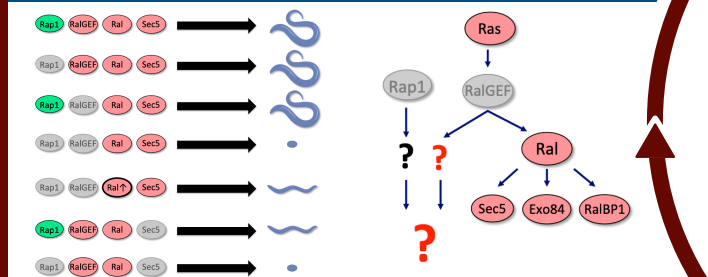
1. Ral Signals through a MAP4-p38 MAP Kinase Cascade



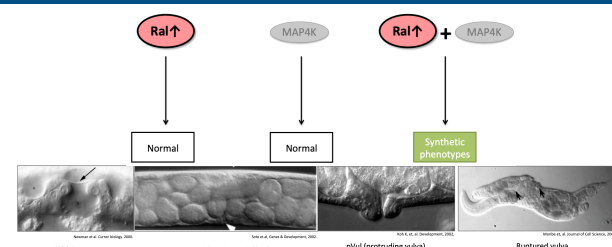
2. Ras→RalGEF→Ral promotes CAN migration



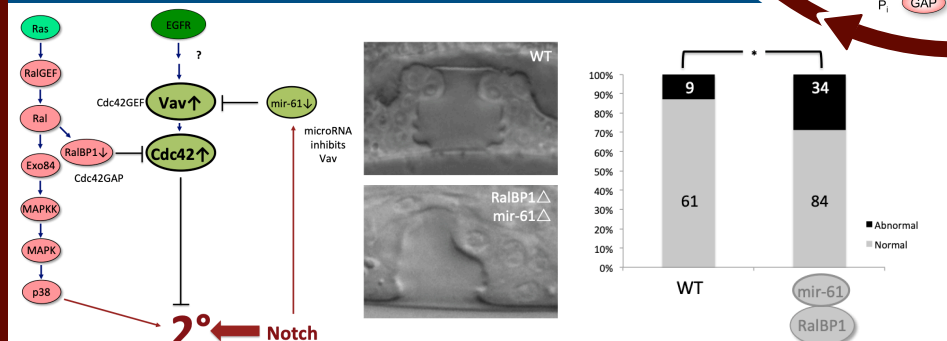
6. Rap1, RalGEF & Ral maybe redundantly required for exocyst dependent development



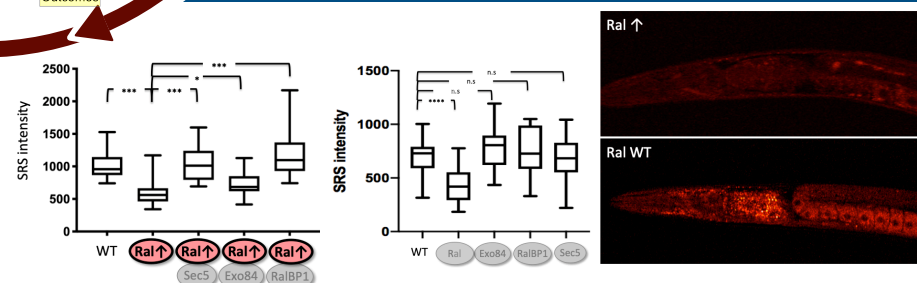
3. Parallel Ral and MAP4K^{GCK2} signals control uterine-vulva connection



5. Ral→RalBP1 is redundant with mir-61 to inhibit an anti-2° signal



4. Ral controls lipid levels



SRS photos take in Dr. Meng Wang's lab in Baylor College of Medicine. Special thank to Dr. Sena Mutlu and Dr. Yong Yu.