



Cover: Fluorescent reporters of transcription for the *abu/pqn* paralog group (APPG) genes *abu-5* (red) and *abu-11* (green). Both genes are expressed in the *C. elegans* pharynx, an organ lined by cuticle that is required for maceration and transport of bacteria (the animal's food) to the intestine. While composed partly of chitin, protein components of the pharyngeal cuticle had been unknown. George-Raizen et al. show that APPG genes are expressed during pharyngeal cuticle synthesis periods, that APPG proteins localize to the pharyngeal cuticle and are shed during molts, and that some of these APPG genes are required for the function of the pharyngeal cuticle. Photo credit: Julia B. George-Raizen. See the article by George-Raizen et al. (doi: 10.1242/bio.20147500)

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