

Week 10 Lab: Pathways Parts D-F Worksheet

Name:

Instructions: Staple your pre-lab worksheet to this one (has D1 and E1 questions). A copy of this worksheet will be randomly selected from your group at the end of Week 11's lab. Answer questions completely and clearly, fully indicating your reasoning/thoughts (often writing in complete sentences is helpful). I expect the responses to have no typos and minimal grammatical error. You are allowed/encouraged to discuss questions with your labmates.

E2. Use the results in Tables 3-4 (question E1) to support or reject your hypothesis that the region you specified in Pathways A-C, question B7, is the ortholog of your target gene. Remember to discuss BOTH unique isoforms in your response.

[illegible]

TABLE 6: Gene Model for _____ in the target species, _____						
a. CDS	b. FlyBase ID	c. Frame	d. Splice Acceptor Phase	Coordinates		g. Splice Donor Phase
				e. Start	f. End	
			0			

h. Coordinates of the stop codon for the above isoform:

i. Notes on discrepancies (e.g. non-canonical splice acceptors/donors, unusual splice junctions, Spaln Alignment, gene model predictions or RNA-Seq data do not show same model as your finding):

