

Phenotype Enrichment Discovers Phenologues for Disease Modeling in *C. elegans*

David Angeles-Albores^{1,†}

Paul W. Sternberg^{1,*}

December 19, 2016

Introduction

Results

Developing PEA and GEA

Applying the WormBase Enrichment Suite to Discover Disease Phenologues

Obesity

Schizophrenia

Type-2 Diabetes

Crohn's Disease

Prostate Cancer

Ontology Enrichment as an aid for Screen Design

Enrichment in the Linker Cell Transcriptome

Enrichment in a Linker Cell Screen