TABLE S3

Candidates mutations in the *fp6* linked region

Chromosome position	Type	Class	Parent feature
5942012	G/C>A/T	Missense	F25B5.4
6331680	G/C>A/T	5' UTR	C56G2.4.
7816050	**G/C>A/T**	**Missense**	**C08C3.1 (*egl-5*)**
8487391	G/C>A/T	Missense	F42H10.3
8765118	G/C>A/T	Missense	PAR2.4
10105957	G/C>A/T	Missense	T16H12.8

The variant in C08C3.1 (*egl-5*) (bold) was confirmed to be the causal mutation (see Figure S2). Importantly, we not only assessed canonical EMS induced nucleotide changes within the mapped region, but also took into consideration any other atypical EMS-inducible mutation that could have caused the Y-to-PDA defective phenotype (e.g. indels). However, no other types of mutations were found to affect gene products (data not shown).