Supplementary Figure 5: C. elegans FLP Mapping Flow Chart

	Step	Duration	Task	Comment
1	Genetics	~10 days	Single Worm Lysates	48-192 lysates
2	Chromosomal Linkage	1 day	PCR Tier1 Capillary Electrophoresis Data Analysis	16 lysates (32 chromosomes) are analysed with 1 central assay per chromosome. 96 duplex PCR reactions total.
3	Subchromosomal Region	1 day	PCR Tier2 Capillary Electrophoresis Data Analysis	48 lysates (96 chromosomes) are analysed with 8 assays of linked chromosome. 192 duplex PCR reactions total.
4	Identification of additional informative recombinants and fine mapping of informa recombinants with intervening FLP assays and/or alternative SNP detection strategies (RF sequencing,)	9	PCR V Capillary Electrophoresis V Data Analysis	Remaining lysates are analysed with assays that are flanking the region of interest. Variable number of PCR reactions.

semi-automated