

developmental stage	H3K9me3 density (per bp)		H3K9me3 density ²		recombination rate (cM/Mbp)		recombination rate ²	
	beta	p-value	beta	p-value	beta	p-value	beta	p-value
Embryo 0-4hr	-0.0300	6.1E-03	8.20E-04	3.9E-02	-0.1163	1.0E-06	0.0138	8.9E-06
Embryo 4-8hr	-0.0165	9.7E-06	1.62E-04	4.6E-04	-0.1147	1.1E-06	0.0139	7.3E-06
Embryo 8-12hr	-0.0129	5.7E-05	1.12E-04	1.3E-03	-0.1188	5.0E-07	0.0143	4.1E-06
Embryo 12-16hr	-0.0148	1.3E-03	1.51E-04	1.7E-02	-0.1161	9.7E-07	0.0139	7.7E-06
Embryo 16-20hr	-0.0097	6.2E-05	6.85E-05	2.1E-03	-0.1185	5.5E-07	0.0142	4.5E-06
Embryo 20-24hr	-0.0257	1.1E-04	5.63E-04	2.1E-03	-0.1162	8.9E-07	0.0139	7.1E-06
L1 larvae	-0.0189	2.2E-02	NA	NA	-0.1160	1.1E-06	0.0138	9.9E-06
L2 Larvae	-0.0095	6.5E-04	1.01E-04	2.1E-02	-0.1206	3.9E-07	0.0145	3.1E-06
Pupae	-0.0503	1.1E-02	6.10E-03	1.0E-02	-0.1179	7.6E-07	0.0141	6.7E-06

all dev. Stages	no. of dev. stages		no. of dev. Stages ²		recombination rate (cM/Mbp)		recombination rate ²	
	beta	p-value	beta	p-value	beta	p-value	beta	p-value
	-0.0787	5.7E-04	0.0062	4.3E-02	-0.1160	7.9E-07	0.014033	5.22E-06