

Table S4B. Daily rhythm analysis of selected xenobiotic metabolizing enzymes in the larval midgut. The type of data (experimental groups and selected enzymes), method of analysis, and presentation of results in the table are the same as for Figure S3B.

Organ	Evaluated	Group	P-value	F	Robustness (%)	MESOR	Amplitude	Acrophase (° / ZT)
midgut	ECOD activity	Intact	p>0.05	0.00007	0.004	22.45	0.20	355.13/23:40
		Buffer	p>0.05	0.0001	0.01	22.48	0.27	19.59/1:18
		Plant dsRNA	p>0.05	0.00007	0.005	22.47	0.20	100.98/6:43
		<i>per</i> dsRNA	p>0.05	0.0000007	0.00005	21.49	0.02	134.75/8:58
		<i>tim</i> dsRNA	p>0.05	0.40	21.27	1.43	0.15	148.76/9:55
		<i>cry2</i> dsRNA	p>0.05	0.48	24.28	2.73	0.14	143.28/9:33
		<i>cyc</i> dsRNA	p>0.05	2.77	64.88	0.16	0.03	276.87/18:27
		<i>pdp1</i> dsRNA	p>0.05	0.15	8.94	0.28	0.06	56.99/3:47
	GST activity	Intact	p<0.05	15.05	90.94	273.41	186.98	255.99/17:03
		Buffer	p<0.05	10.50	87.50	303.32	169.32	259.63/17:18
		Plant dsRNA	p<0.05	10.80	87.81	272.78	155.96	257.09/17:08
		<i>per</i> dsRNA	p<0.05	9.77	80.16	484.69	74.17	254.85/16:59
		<i>tim</i> dsRNA	p<0.01	77.56	98.10	306.61	192.44	263.36/17:33
		<i>cry2</i> dsRNA	p<0.05	10.08	87.04	432.69	172.38	276.41/18:25
		<i>cyc</i> dsRNA	p>0.05	1.93	56.26	101.98	25.01	29.81/1:59
		<i>pdp1</i> dsRNA	p>0.05	0.88	36.91	59.39	12.42	261.69/17:26
	esterase activity	Intact	p<0.05	9.66	82.94	804.88	317.64	294.16/19:36
		Buffer	p<0.05	9.89	82.19	837.82	205.13	291.75/19:26
		Plant dsRNA	p<0.05	10.49	88.54	770.42	317.86	290.71/19:22
		<i>per</i> dsRNA	p>0.05	1.20	44.46	1314.28	93.13	358.49/23:53
		<i>tim</i> dsRNA	p>0.05	3.60	70.61	1541.98	92.75	164.42/10:57
		<i>cry2</i> dsRNA	p>0.05	2.62	63.57	1460.79	101.24	353.23/23:32
		<i>cyc</i> dsRNA	p>0.05	0.03	1.73	245.48	22.86	274.82/18:19
		<i>pdp1</i> dsRNA	p>0.05	9.19	71.01	266.26	116.74	126.12/8:24