

Table S5B. Daily rhythm analysis of selected xenobiotic metabolizing enzymes in the larval Malpighian tubules. 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)
Malpighian tubules	ECOD activity	Intact	p<0.05	10.39	87.99	1.08	0.73	208.28/13:53
		Buffer	p<0.05	14.33	90.52	1.11	1.05	206.76/13:47
		Plant dsRNA	p<0.05	9.63	86.28	1.24	1.01	208.41/13:53
		<i>per</i> dsRNA	p>0.05	2.31	60.64	0.24	0.04	309.99/20:39
		<i>tim</i> dsRNA	p>0.05	1.98	56.96	1.25	0.91	209.31/13:57
		<i>cry2</i> dsRNA	p>0.05	5.12	77.34	1.27	0.85	191.52/12:46
		<i>cyc</i> dsRNA	p>0.05	1.13	42.92	0.07	0.02	258.99/17:15
		<i>pdp1</i> dsRNA	p>0.05	0.48	24.22	0.46	0.05	223.89/14:55
	GST activity	Intact	p<0.05	11.85	86.38	549.63	236.84	261.61/17:26
		Buffer	p<0.05	10.51	87.51	544.57	203.29	245.43/16:21
		Plant dsRNA	p<0.05	10.48	85.19	551.27	189.98	245.81/16:23
		<i>per</i> dsRNA	p>0.05	0.46	23.66	782.28	27.00	336.11/22:24
		<i>tim</i> dsRNA	p<0.05	10.16	83.52	566.98	241.61	244.02/16:36
		<i>cry2</i> dsRNA	p>0.05	0.09	5.54	946.37	14.97	150.48/10:01
		<i>cyc</i> dsRNA	p>0.05	0.86	36.41	79.99	19.26	232.78/15:31
		<i>pdp1</i> dsRNA	p>0.05	0.09	6.22	177.64	7.44	272.95/18:11
	esterase activity	Intact	p<0.05	11.44	88.41	266.99	286.94	264.36/17:37
		Buffer	p<0.05	15.19	91.01	254.58	232.67	274.93/18:19
		Plant dsRNA	p<0.05	14.27	90.49	244.98	263.26	268.33/17:53
		<i>per</i> dsRNA	p>0.05	1.79	54.38	459.85	74.55	294.88/19:39
		<i>tim</i> dsRNA	p>0.05	5.95	79.88	372.72	97.77	274.38/18:17
		<i>cry2</i> dsRNA	p>0.05	0.92	38.13	565.00	32.96	286.70/19:06
		<i>cyc</i> dsRNA	p>0.05	0.18	10.92	48.52	12.40	40.39/2:41
		<i>pdp1</i> dsRNA	p>0.05	0.29	16.54	78.57	11.28	11.07/0:44