	pdfGAL4 with *UAS-DICER2*											*timGAL4* with *UAS-DICER2*										
	N	Period (hrs)	SD	SE	OFF	OFF SD	RI	RI SD	RS	RS SD	%Rhy	N	Period (hrs)	SD	SE	OFF	OFF SD	RI	RI SD	RS	RS SD	%Rhy
Drivers	20	24.7	0.3	0.11	2.0	2.0	0.5	0.1	10.6	1.5	70%	24	24.0	0.3	0.1	2.8	0.8	0.5	0.1	11.4	2.5	92%
pabp2	26	**25.5**	0.4	0.11	2.3	0.8	0.4	0.1	9.3	2.3	92%	24	24.4	1.5	0.61	1.7	3.0	0.4	0.1	7.9	2.6	50%
NAT1B	28	**27.1**	0.8	0.29	3.2	0.8	0.3	0.1	7.3	2.2	57%	53	**27.7**	0.4	0.23	1.8	0.8	0.4	0.1	8.8	2.0	45%
NAT1A	32	24.8	0.6	0.24	2.9	0.6	0.3	0.1	7.3	2.6	63%	31	23.4	1.1	0.46	1.1	1.3	0.3	0.2	7.2	3.6	26%
paip2a	20	**25.7**	1.0	0.34	3.4	1.8	0.4	0.1	8.4	2.7	90%	20	24.5	0.4	0.14	2.7	1.6	0.5	0.1	10.6	2.6	90%
eif4a	21	24.7	1.1	0.48	2.5	0.5	0.3	0.1	5.7	1.2	52%		lethal in tim									
eif4g	20	24.7	1.4	0.54	2.9	0.9	0.3	0.1	7.3	2.1	70%	30	24.8	1.2	0.43	3.4	1.5	0.3	0.1	6.9	2.2	67%
FMRI	26	24.3	0.2	0.04	3.7	1.7	0.5	0.1	10.5	2.1	92%	24	24.2	0.3	0.08	3.3	1.4	0.5	0.1	10.7	2.4	92%
eif5c	26	**26.0**	0.8	0.30	3.3	1.8	0.5	0.1	11.8	2.9	67%	24	24.5	0.4	0.12	3.1	1.2	0.5	0.1	11.3	2.3	88%
eif3.10	23	25.2	0.9	0.35	4.2	1.5	0.4	0.1	9.1	2.7	64%	20	24.0	0.2	0.05	4.5	0.7	0.5	0.1	11.3	2.2	100%
lk6	28	**25.6**	1.2	0.34	3.1	1.5	0.4	0.1	9.7	2.8	86%	21	24.6	0.2	0.07	2.9	1.3	0.5	0.1	11.9	2.1	90%
bel	24	24.5	0.4	0.10	3.1	1.8	0.5	0.1	9.9	2.8	100%	30	24.2	0.2	0.08	4.9	1.1	0.5	0.1	11.8	1.5	100%
thor	25	24.4	0.2	0.05	2.6	1.5	0.5	0.1	11.0	2.2	100%	22	23.9	0.3	0.11	3.2	1.1	0.5	0.1	10.5	2.3	92%
eEF2	24	23.4	0.6	0.34	4.7	1.8	0.3	0.0	5.8	0.7	17%	20	24.5	0.3	0.09	4.5	0.8	0.5	0.1	11.3	1.6	91%
akt	23	**25.7**	0.6	0.21	3.8	0.9	0.4	0.1	9.4	2.9	64%	30	24.5	0.8	0.30	2.2	1.0	0.4	0.2	9.6	3.6	63%

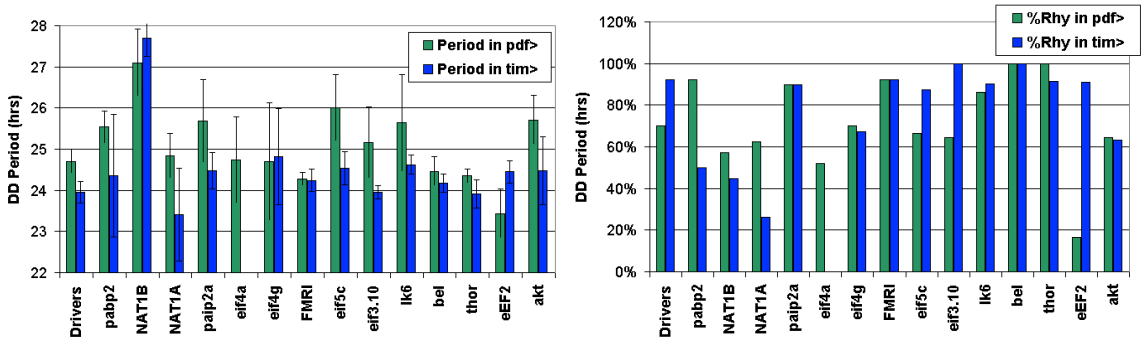

Figure S1 A subset of interesting RNAi lines were tested in combination with *PDF-GAL4* or *TIM-GAL4* with *UAS-DICER2*. In general the effects of the knockdown were more severe, with substantially fewer highly rhythmic flies. Significant period lengthening effects were revealed for *AKT* and *LK6*, which were not apparent without *UAS-DICER2*. Surprisingly, some effects on period were reduced in severity, perhaps due to non-specific effects of DICER2 overexpression. This was the case for the second line targeting *NAT1*, which produced a less severe period-lengthening effect in combination with *tim>UAS-DICER2*, and *eEF2*, which was no longer lethal with the addition of DICER2 overexpression.