Supplemental Table S3: Data representing the percentage of rhythmic flies (based on number of rhythmic individuals out of total number of flies tested for each genotype and gender), the period of rhythm (in constant darkness – DD) and the number of individuals of a genotype tested. Flies of each sex (male or female) and age (young, middle or old) from each genotype were tested separately. Period of rhythm is represented as mean (hours) ± SD.

Sex/Age	Genotype	% Rhythmic	Period of rhythm in DD (Hrs)	Sample size (n)
Male (young) 3-5 days	w^{1118}	100	23.7± 0.2	32
	Akh^{1}	95	23.9 ± 0.1	48
	EE-Akh	75	24.0 ± 0.3	32
Male (middle) ~ 30 days	w^{1118}	94	24.3 ± 0.7	48
	Akh^{1}	93	24.3 ± 0.6	48
	EE-Akh	44	24.3 ± 0.4	32
Male (old) ~ 45 days	w^{1118}	20	24.3 ± 0.2	32
	Akh^{1}	24	24.4 ± 0.2	38
	EE-Akh	31	24.5 ± 0.3	32
Female (young) 3-5 days	w^{1118}	96	23.7 ± 0.5	36
	Akh^{1}	98	23.4 ± 0.2	38
	EE-Akh	72	24.1 ± 0.5	42
Female (middle) ~ 30 days	w^{1118}	74	24.6 ± 0.4	32
	Akh^{1}	94	24.6 ± 0.6	42
	EE-Akh	65	24.2 ± 0.3	38
Female (old) ~ 45 days	w^{1118}	18	26.3 ± 5.3	36
	Akh^{1}	0	Arrhythmic	32
	EE-Akh	17	24.5 ± 6.0	32