

Table S2. Estimated peak phase of rhythmic gene expression for *Populus* orthologs of core-clock genes in WT and *lhy-10* trees

Probe set	Poplar Gene Model (v3.0)	PopArray annotation	Proposed Ortholog Common	WT Phase (ZT)	<i>lhy-10</i> Phase (ZT)
PtpAffx.125536.1.S1_at	Potri.002G180800	<i>LHY</i> (AT1G01060.4)	<i>LHY1</i>	4.8	0.46
Ptp.4550.1.S1_at	Potri.014G106800	<i>LHY</i> (AT1G01060.3)	<i>LHY2</i>	3.856	0.69
PtpAffx.7997.1.S1_at	Potri.014G106800	<i>LHY</i> (AT1G01060.3)	<i>LHY2</i>	4.56	0
PtpAffx.202306.1.S1_at	Potri.002G179800	<i>PRR5</i> (AT5G24470.1)	<i>PRR9a</i>	8,019	0
PtpAffx.44182.1.A1_at	Potri.002G179800	<i>PRR5</i> (AT5G24470.1)	<i>PRR9a</i>	6	0
PtpAffx.18265.1.A1_at	Potri.014G106000	<i>PRR5</i> (AT5G24470.1)	<i>PRR9b</i>	8.136	0
Ptp.2304.1.A1_s_at	Potri.012G005900	<i>PRR5</i> (AT5G24470.1)	<i>PRR5a</i>	11.388	7.752
Ptp.5249.1.S1_at	Potri.012G005900	<i>PRR5</i> (AT5G24470.1)	<i>PRR5a</i>	10.998	6.728
PtpAffx.37666.1.S1_at	Potri.015G002300	<i>PRR5</i> (AT5G24470.1)	<i>PRR5b</i>	11.289	0
PtpAffx.207664.1.S1_x_at	Potri.008G046200	<i>PRR7</i> (AT5G02810.1)	<i>PRR7a</i>	12.027	10.512
PtpAffx.29932.2.S1_s_at	Potri.008G046200	<i>PRR7</i> (AT5G02810.1)	<i>PRR7a</i>	12.449	10.56
PtpAffx.29932.1.S1_at	Potri.010G215200	<i>PRR7</i> (AT5G02810.1)	<i>PRR7b</i>	13.38	10.53
PtpAffx.6319.1.S1_at	Potri.010G215200	<i>PRR7</i> (AT5G02810.1)	<i>PRR7b</i>	0	10.8
PtpAffx.6319.1.S1_s_at	Potri.010G215200	<i>PRR7</i> (AT5G02810.1)	<i>PRR7b</i>	0	10.224
PtpAffx.215744.1.S1_at	Potri.015G061900	<i>TOC1</i> (AT5G61380.1)	<i>TOC1</i>	11.856	9.66
Ptp.2473.1.A1_s_at	Potri.005G196700	<i>GI</i> (AT1G22770.1)	<i>GII</i>	12.152	0
PtpAffx.12097.1.A1_at	Potri.008G068200	<i>ELF4</i> (AT2G40080.1)	<i>ELF4</i>	13.5	11.395

Notes: Time is indicated as ZT (h). *Populus* gene models associated with Affymetrix probe sets were identified from PopArray (version 3.0) and assigned to specific common gene names based on these annotations as well as Takata *et. al.*, 2010.