

Table S2: Real-time PCR quantification of circadian genes expression in LCL from excellent responders (ER, n=16) or non-responders (NR, n=20) at baseline. The data represent the ratio of expression (ER/NR), its 95% confidence interval and p value of its comparison to 1 (no response effect) obtained from linear mixed effects model after 2, 4 and 8 days of cell culture.

Genes	ER-Li / NR-Li		
	d2	d4	d8
<b>ARNTL</b>	0.9952 [0.7872 ; 1.258] $p = 1$	1.064 [0.8524 ; 1.329] $p = 0.88$	1.021 [0.8399 ; 1.242] $p = 0.99$
<b>ARNTL2</b>	0.9622 [0.8558 ; 1.082] $p = 0.81$	0.9214 [0.7501 ; 1.132] $p = 0.72$	0.8716 [0.7069 ; 1.075] $p = 0.31$
<b>BHLHE40</b>	0.9564 [0.7192 ; 1.272] $p = 0.98$	0.9584 [0.7124 ; 1.289] $p = 0.98$	0.9642 [0.7002 ; 1.328] $p = 0.99$
<b>BHLHE41</b>	0.3801 [0.1067 ; 1.353] $p = 0.19$	0.5361 [0.2224 ; 1.292] $p = 0.25$	0.5292 [0.2196 ; 1.275] $p = 0.23$
<b>CLOCK</b>	0.9923 [0.8896 ; 1.107] $p = 1$	1.067 [0.9318 ; 1.221] $p = 0.58$	1.03 [0.8908 ; 1.192] $p = 0.95$
<b>CRY1</b>	1.058 [0.5981 ; 1.871] $p = 0.99$	1.174 [0.7531 ; 1.831] $p = 0.77$	1.087 [0.7037 ; 1.678] $p = 0.96$
<b>CRY2</b>	0.9447 [0.8216 ; 1.086] $p = 0.70$	0.9705 [0.8512 ; 1.106] $p = 0.93$	0.9735 [0.8515 ; 1.113] $p = 0.95$
<b>CSNK1D</b>	0.97 [0.8558 ; 1.099] $p = 0.91$	1.004 [0.9072 ; 1.11] $p = 1$	1.084 [0.9653 ; 1.217] $p = 0.26$
<b>CSNK1E</b>	1.017 [0.8357 ; 1.238] $p = 1$	1.027 [0.8462 ; 1.246] $p = 0.98$	1.045 [0.8515 ; 1.283] $p = 0.94$
<b>DBP</b>	1.091 [0.9297 ; 1.281] $p = 0.47$	0.9716 [0.7999 ; 1.18] $p = 0.98$	1.018 [0.8587 ; 1.208] $p = 0.99$
<b>GSK3b</b>	1.001 [0.8756 ; 1.143] $p = 1$	1.028 [0.9472 ; 1.116] $p = 0.80$	1.013 [0.9268 ; 1.107] $p = 0.98$
<b>NR1D1</b>	1.056 [0.926 ; 1.205] $p = 0.69$	0.9481 [0.7257 ; 1.239] $p = 0.95$	0.8501 [0.6951 ; 1.04] $p = 0.15$
<b>PER1</b>	0.9895 [0.8281 ; 1.183] $p = 1$	1.037 [0.8245 ; 1.304] $p = 0.97$	0.9158 [0.7266 ; 1.154] $p = 0.74$
<b>PER2</b>	1.01 [0.9042 ; 1.127] $p = 1$	1.056 [0.9448 ; 1.18] $p = 0.57$	1.029 [0.9139 ; 1.158] $p = 0.91$
<b>PER3</b>	1.095 [0.8356 ; 1.434] $p = 0.81$	0.9982 [0.7431 ; 1.341] $p = 1$	0.9108 [0.6754 ; 1.228] $p = 0.84$
<b>RORA</b>	0.7535 [0.4327 ; 1.312] $p = 0.53$	0.9978 [0.6664 ; 1.494] $p = 1$	0.9677 [0.6405 ; 1.462] $p = 1$
<b>TIMELESS</b>	0.9785 [0.8821 ; 1.085] $p = 0.94$	1.129 [0.9834 ; 1.295] $p = 0.10$	1.104 [0.9282 ; 1.313] $p = 0.43$