Supplementary Fig. 1 Light induction of mPer1 is reduced in the retina of D2R knock-out mice

Littermate wild-type and D2R knock-out mice were exposed to a 30 min light pulse at CT18 in DD and dissected 60 min after the light onset (light pulse +), whereas controls dissected were kept all this time in the dark (light pulse –). Total RNA was extracted from the isolated retina. Expression levels of mPer1 were estimated by quantitative real-time PCR and normalized to those of β-actin. All the values are the mean ± s.d. (n = 3). Equivalent results on the mPer1 expression were also obtained by RNase protection assays (not shown).