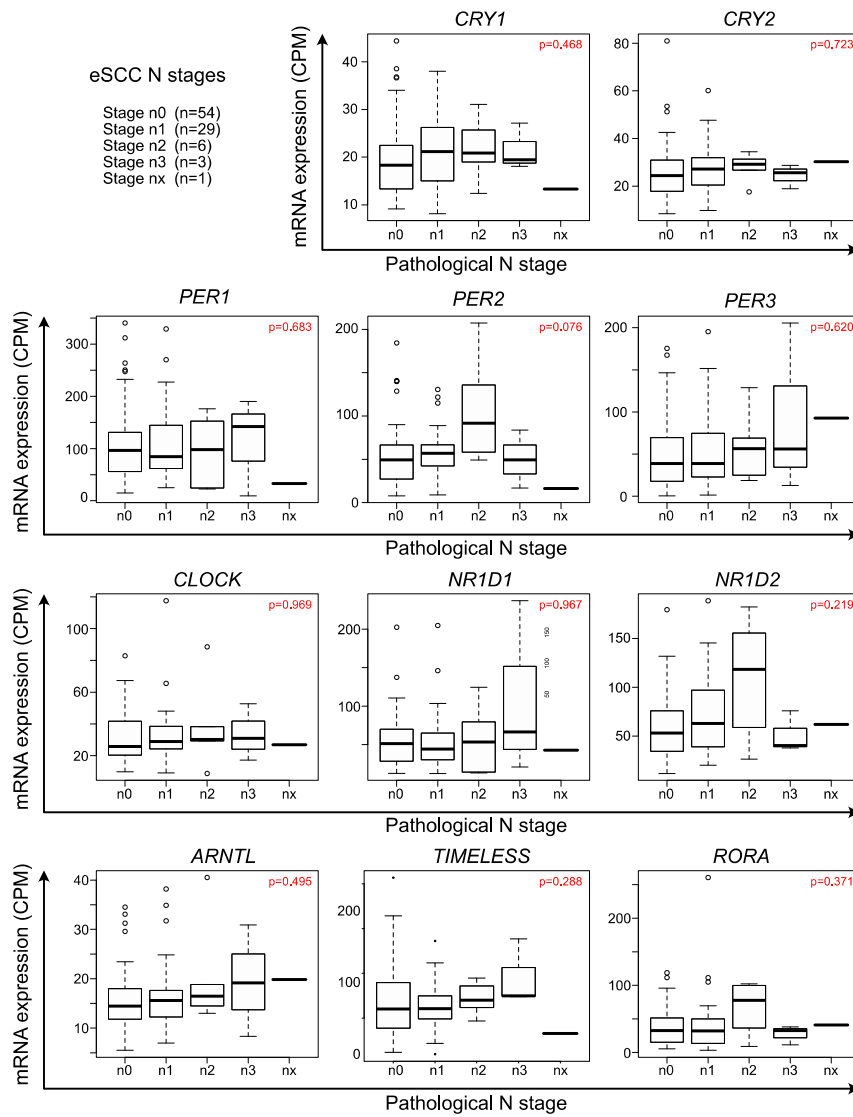


**Supplementary figure 1. Expression of clock-related genes in human eSCC samples depending on tumor stages**

Expression of *CRY1*, *CRY2*, *PER1*, *PER2*, *PER3*, *ARNTL*, *ARNTL2*, *NR1D1*, *NR1D2*, *CLOCK* and *RORA* transcripts measured by RNA sequencing in human eSCC biopsies at different stages of tumor progression. Data are represented as box plots.

## Supplementary Figure1



**Supplementary figure 2. Expression of clock-related genes in human eSCC samples regarding N tumor pathological stage**

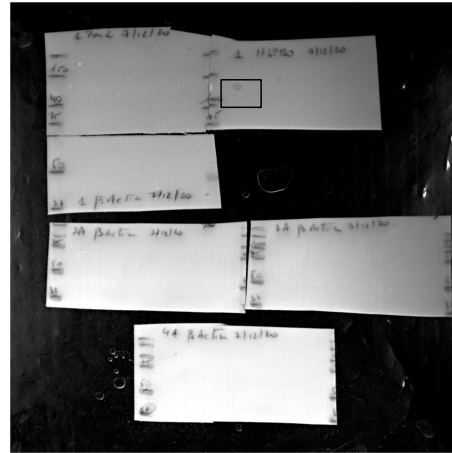
Expression of *CRY1*, *CRY2*, *PER1*, *PER2*, *PER3*, *ARNTL*, *TIMELESS*, *NR1D1*, *NR1D2*, *CLOCK* and *RORA* transcripts measured by RNA sequencing in human eSCC biopsies at different pathological N stages (lymph node invasion categories). Data are represented as box plots.

## Supplementary Figure2

Whole Gel - HSP90



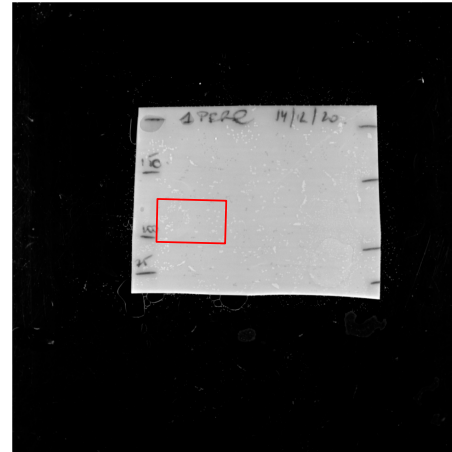
Size marker



Whole Gel - PER2



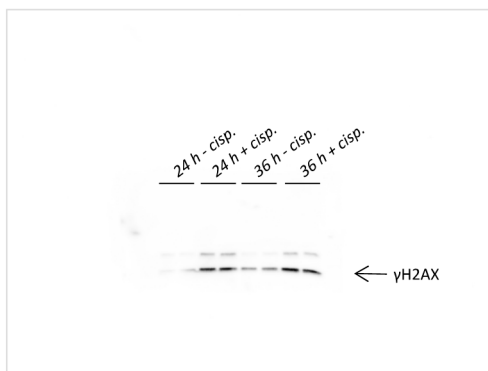
Size marker



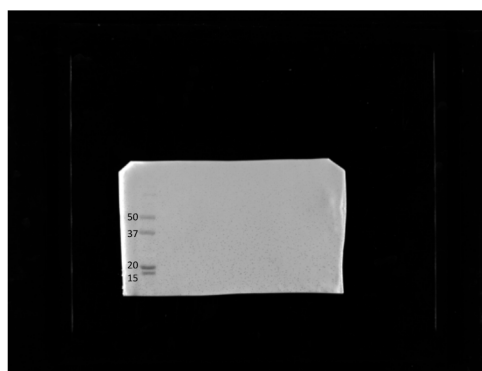
WB	Condition	Image Name	Channel	Name	Signal	Total	Area	Bkgnd.	Type
Per2	24h	20201215_XI	W	00002	154876,969	438078,844	15180	18,6563	Signal
Per2	36h	20201215_XI	W	00001	54874,2813	267394,281	15180	14	Signal
HSP90	24h	20201208_XI	W	00001	127348	144448	2850	6	Signal
HSP90	36h	20201208_XI	W	00003	120844	137944	2850	6	Signal
Normalized	Condition								
Per/2HSP90	24h	1,21617119							
Per/2HSP90	36h	0,4540919							

## Appendix 1

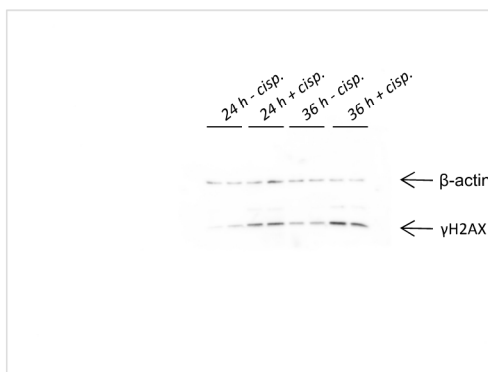
Whole gel -  $\gamma$ H2AX



Size marker



Whole gel -  $\gamma$ H2AX +  $\beta$ -actin



Size marker



Condition	$\gamma$ H2AX area	$\beta$ -Actin area	Normalized $\gamma$ H2AX/actin
24 of sync. Sample 1	374,213	1817,012	0,206
24 of sync. Sample 2	1541,598	1401,477	1,100
24 of sync. + cisplatin. Sample 1	4630,74	2344,669	1,975
24 of sync. + cisplatin. Sample 2	5767,326	4481,447	1,287
36 of sync. Sample 1	2129,719	2236,841	0,952
36 of sync. Sample 2	2326,841	1744,305	1,334
36 of sync. + cisplatin. Sample 1	8459,64	1322,891	6,395
36 of sync. + cisplatin. Sample 2	6219,811	1076,062	5,780