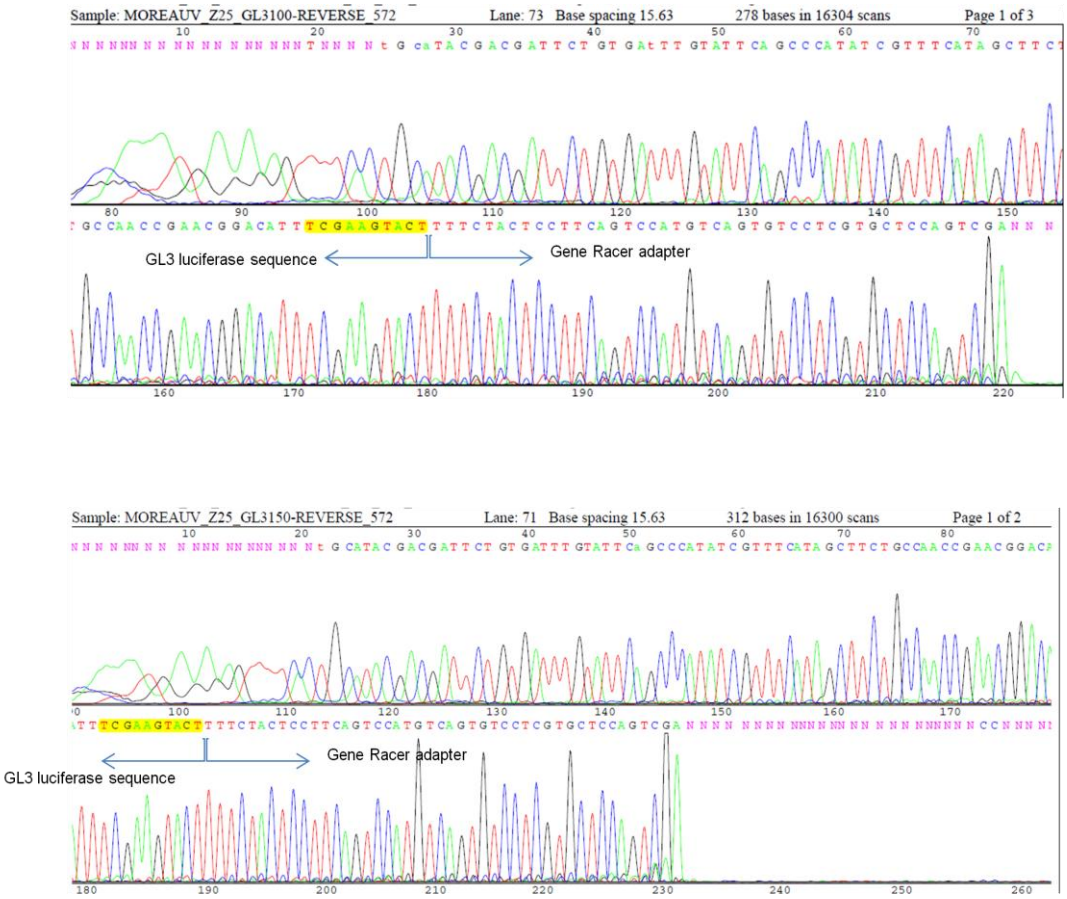
Supplementary table: Sequence location of primers and probes used in RT-qPCR

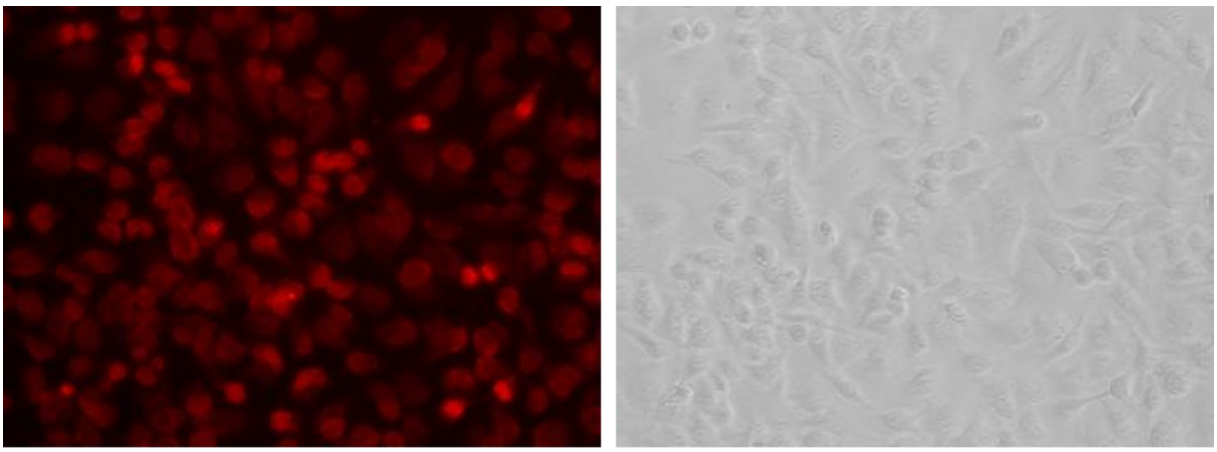
Gene	Primer	5'-3' sequences	Localisation	Position	NCBI Accession number
HPRT1 (Mus musculus)					NM013556.2
	HPRT1F	TGGTTAAGCAGTACAGCCCCA	Exon6	592-612	
	HPRT1R	GGCCTGTATCCAACACTTCGAGA	Exon7	673-651	
	ZNA-HPRT1probe	FAM-CACCAGCAAGCTTGC-Z4BHQ1	Junction 6-7	641-627	
Survivin (Mus musculus)					NM009689
	SurvivinF	TCTGGCAGCTGTACCTCAAGAACT	Exon1	140-164	
	SurvivinR	AAACACTGGGCCAAATCAGGCT	Exon2	265-287	
	Survivin RT	GCCACAAAACCAAAGAGAGG	Exon 4	721-702	

Supplementary figure 1: Sequence traces (www.genoscreen.fr) of the 255 bp PCR fragments amplified in the 5'RACE experiment, from samples incubated with Z_{25}-GL3 with or without serum in the cell culture medium. The sequence corresponding to GL3 siRNA is highlighted in yellow, and localizes de cleavage site.

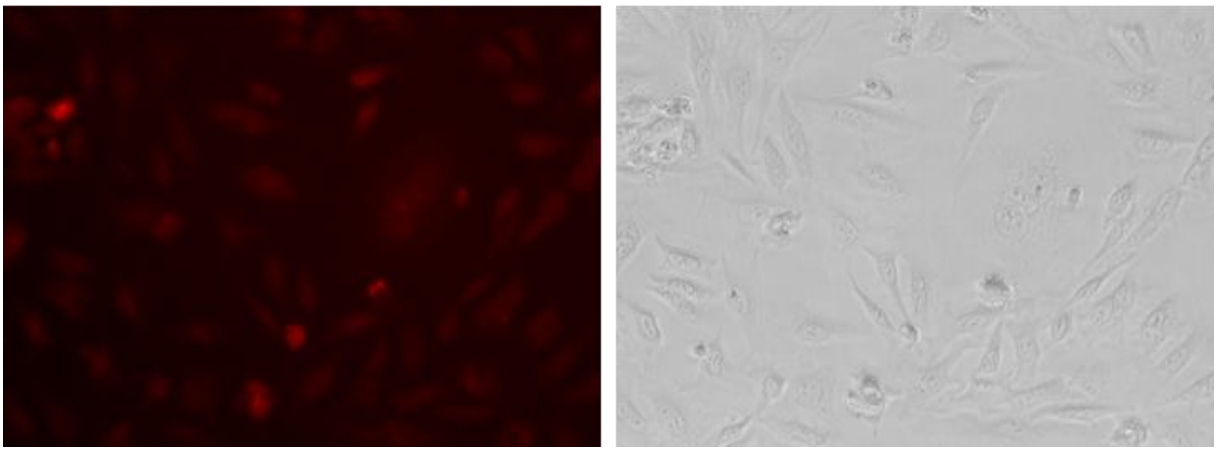


Supplementary figure 2: LaminA/C expression inhibition in HeLa cells following incubation with Z_{25}-laminA/C cationic siRNA.

Control



Z_{25}-laminA/C cationic siRNA



HeLa cells were incubated without (control) or with 150 nM Z_{25}-laminA/C in 10% serum containing medium (Sequence of lamin A/C siRNA: Sense: 5'-CUGGACUUCCAGAAGAACAdTdT-3'; Antisense: 5'-UGUUCUUCUGGAAGUCCAGdTdT-3'). 48 h post–incubation, cells were analyzed by immunocytochemistry using the following protocol. HeLa cells were fixed in 1 ml methanol for 10 min on ice, washed and incubated in goat serum (Sigma-Aldrich) diluted in 1/100 in PBS-1% BSA for 20 min on ice. Cells were then washed in PBS, and incubated on ice for 30 min with 200 µl antibody anti-laminAC (clone X67 IgG1, PROGEN-Interchim) diluted in 1/4 in PBS-1% BSA. The cells were washed and then incubated on ice for 30 min with 200 µl secondary antibody peroxidase-conjugated anti-mouse IgG (SC-3738, Santa Cruz Biotech) diluted in 1/100 in PBS-1%BSA. The cells were washed and were observed in PBS by fluorescent microscopy (Nikon Eclipse TE2000-S fluorescent microscope coupled to a Nikon digital Camera).