

EHU107921 MSX2 (msh homeobox 2)

Validation using qRT-PCR:	
Knock-down rate:	83,80 ± 6,12
Cell line used:	HEK293
qRT-PCR primer used:	for: CCTCGGTCAAGTCGGAAAAT
	rev: GTAGGGCTCATATGTCTTGGC

average of 3 biological replicates

RLUC: HEK293 cells transfected with Renilla Luciferase esiRNA (RLUC, Cat.No. EHURLUC) as negative control. **MSX2:** HEK293 cells transfected with MSX2 esiRNA (Cat.No. EHU107921).

qRT-PCR: At 24h post-transfection, total RNA was isolated with an RNeasy Mini Kit (Qiagen) and reverse transcribed with SuperScript III reverse transcriptase (Invitrogen). Quantitative PCR reactions were carried out with the SYBR Green qPCR kit (Abgene) on a CFX96 qPCR machine (BioRad). Relative mRNA levels were calculated according to the $\Delta\Delta C_t$ method and normalized to the RLUC control; GAPDH was used as housekeeping reference gene.