

Materials List for:

Generation of Prostate Cancer Cell Models of Resistance to the Anti-mitotic Agent Docetaxel

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Materials

Name	Company	Catalog Number	Comments
DU145 cells	ATCC	HTB-81	
22Rv1 cells	ATCC	CRL-2505	
Docetaxel	Selleck Chemicals	S1148	in DMSO (10mM)
Tissue culture flask 150cm ²	Falcon	355001	
6-well tissue culture plates	Falcon	353046	
RPMI 1640 Medium	Gibco	11875093	Supplemented with 10% FBS and 1% Penicillin/Streptomycin
Foundation B Fetal Bovine Serum	Gemini	900208	
1X Phosphate-Buffered Saline (PBS)	Corning	21-040-CM	
0.05% Trypsin-EDTA	Gibco	25300-062	
Penicillin-Streptomycin	Gibco	15140122	
RNeasy Mini Kit	Qiagen	74106	
SuperScript III first strand synthesis system for RT-PCR	Invitrogen	18080051	
Power SYBR Green PCR Master Mix	Invitrogen	4367659	
Crystal Violet	Sigma-Aldrich	C0775	
10% Formalin Solution	Sigma-Aldrich	HT501128	
Primers for qRT-PCR:	Life technologies		
CK19 F: CTGCGGGACAAGATTCTTGGT			
CK19 R: CCAGACGGGCATTGTGCAT			
CDH1 F: GGAAGTCAGTTCAGACTCCAGCC			
CDH1 R: AGGCCTTTTACTGTAATCACACC			
ABC1 F: TGTTCAAACCTCTGCTCCTGA			
ABC1 R: CCCATCATTGCAATAGCAGG			
GATA2 F: CATCAAGCCCAAGCGAAGA			
GATA2 R: TTTGACAGCTCCTCGAAGCA			

ACTIN F: CATGTACGTTGCTATCCAGGC			
ACTIN R: CTCCTTAATGTCACGCACGAT			