

# Novel Nano-therapeutic Approach Actively Targets Human Ovarian Cancer Stem Cells after Xenograft into Nude Mice

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Primer sequences of chemo-resistant, apoptotic, and tumor suppressor genes.

Gene	Name	Seq.	Application
<i>ABCG2</i>	ABCG-OLF	CAGCTGGTTATCACTGTGAGG (MT= 64)	qPCR (size = 128 n)
	ABCG-OLQ	AGGCTCTATGATCTCTGTGGC (MT= 64)	
<i>MDR1</i>	MDR-OLF	GGAAGACATGACCAGGTATGC (MT= 64)	qPCR (size = 165 n)
	MDR-OLQ	AACCAGCCTATCTCCTGTTCGC (MT= 66)	
<i>TP53</i>	TP53-OLF	CTCAGATAGCGATGGTCTGGC (MT= 66)	qPCR (size = 142 n)
	TP53-OLQ	ACAGTCAGAGCCAACCTCAGG (MT= 66)	
<i>Caspase 3</i>	CAS3-OLF	CACTGGAATGACATCTCGGTC (MT= 64)	qPCR (size = 166 n)
	CAS3-OLQ	CTGCTCCTTTTGTGTGATCTTC (MT= 68)	
<i>Caspase 9</i>	CAS9-OLF	GTGATGTCGGTGCTCTTGAGA (MT= 64)	qPCR (size = 158 n)
	CAS9-OLQ	CTTCTCACAGTCGATGTTGGAG (MT= 66)	
<i>GAPDH</i>	GAP-OLF	GAAGGCTGGGGCTCATTGCA (MT= 66)	qPCR (size = 133 n)
	GAP-OLQ	GGCATTGCTGATGATCTTGAGG (MT= 66)	