

Compounds and recombinant proteins

Name	Company	Catalog #
Wnt5A	R&D Systems	645-WN-010
Wnt3A	R&D Systems	5036-WN-010
Forskolin	R&D Systems	1099
Metformin	R&D Systems	2864
AICAR	R&D Systems	2840
Compound C	R&D Systems	3093
IFN β	R&D Systems	8499-IF-010
IL-11	R&D Systems	218-IL-005
GDF15	R&D Systems	6937-GD-010
SB202190	Sigma-Aldrich	S-7067
N-Acetylcysteine	Sigma-Aldrich	A9165-5G
GW1929	Sigma-Aldrich	G5668
WY-14643	Sigma-Aldrich	C7081
Fenofibrate	Sigma-Aldrich	F6020
palmitic acid	Sigma-Aldrich	P0500

JAG-1	Anaspec	AS-61298
BIRB-796	StemCell Technologies	72682
CHIR98014	StemCell Technologies	73042
Tranylcypromine	StemCell Technologies	72272
Enzalutamide	Selleckchem	S1250
olaparib	AstraZeneca	

Antibodies

Target	company	Catalog #
CK8	Covance	MMS-16P
AR	Abcam	ab133273
GAPDH	Abcam	ab8245
cMYC	Abcam	ab32072
AKT	Cell Signaling Technology	2938S
p-AKT	Cell Signaling Technology	9271L
RPS6	Cell Signaling Technology	2317S
p-RPS6	Cell Signaling Technology	5364

GSK3 β	Cell Signaling Technology	12456
p-GSK3 β	Cell Signaling Technology	3548
p-GSK3 β	Cell Signaling Technology	5558
β -Catenin	Cell Signaling Technology	9562
p38	Cell Signaling Technology	8690
p-p38	Cell Signaling Technology	4511
E-cadherin	Abcam	ab40772
CHGA	Abcam	ab15160
p63	BioCare	CM163B

Primers

Gene	Forward	Reverse
AR	5'-GGAAGCTGCAAGGTCTTCTT-3'	5'-CGAAGACGACAAGATGGACAA-3'
KLK3	5'-CACACCCGCTCTACGATATG-3'	5'-GAGGTCCACACACTGAAGTT-3'
NKX3.1	5'-AGCCAGAAAGGCACTTGG-3'	5'-TCACCTGAGTGTGGGAGAA-3'
PMEPA1	5'-GTCTGCACGGTCCTTCATC-3'	5'-GATTCCGTTGCCTGACACT-3'
FKBP5	5'-AAACGAAGGAGCAACAGTAGAA-3'	5'-TTGGAATGTCGTGGTCTTCTC-3'

UBE2C	'-CCCAACATTGATAGTCCCTTGA-3'	5'-GACCTGCTTTGAGTAGGTTTCT-3'
HPRT1	5'- CTTTCCTTGGTCAGGCAGTATAA-3'	5'- AGTCTGGCTTATATCCAACACTTC-3'