

ORSULIC LAB MOUSE OVARIAN CANCER CELL LINES

Cell line	Genetic alterations	Antibiotic resistance	Derivation
C1, C11, C111	p53 ^{-/-} , myc, K-ras	neo	Ovaries from K5-TVA; p53 ^{-/-} mice were infected with RCAS-myc and RCAS-K-ras in vitro
T1, T11, T111	p53 ^{-/-} , myc, K-ras	neo	C1, C11, and C111 cell lines were injected IP into nude mice; T1, T11, and T111 cell lines were derived from IP tumor cells
C2, C22, C222	p53 ^{-/-} , myc, Akt	neo	Ovaries from K5-TVA; p53 ^{-/-} mice were infected with RCAS-myc and RCAS-Akt in vitro
T2, T22, T222	p53 ^{-/-} , myc, Akt	neo	C2, C22, and C222 cell lines were injected IP into nude mice; T2, T22, and T222 cell lines were derived from IP tumor cells
C3	p53 ^{-/-} , Akt, K-ras	neo	Ovaries from K5-TVA; p53 ^{-/-} mice were infected with RCAS-Akt and RCAS-K-ras in vitro
T3	p53 ^{-/-} , Akt, K-ras	neo	C3 cell line was injected IP into nude mice; T3 cell lines was derived from IP tumor cells
BR2, BR5, BR6	p53 ^{-/-} , Brca1 ^{-/-} , myc	none	Ovaries from K5-TVA; p53 ^{F/F} ; Brca1 ^{F/F} mice were infected with RCAS-Cre and RCAS-myc in vitro
BR5 + Akt	p53 ^{-/-} , Brca1 ^{-/-} , myc, Akt	none	BR5 cell line was infected with RCAS-Akt
TBR2, TBR5, TBR6	p53 ^{-/-} , Brca1 ^{-/-} , myc	none	BR2, BR5, and BR6 cell lines were injected IP into nude mice; TBR2, TBR5, and TBR6 cell lines were derived from IP tumor cells
BR6 FVB1	p53 ^{-/-} , Brca1 ^{-/-} , myc	none	BR6 cell line was injected IP into FVB mice; BR6 FVB1 was derived from IP tumor cells
BR5 FVB1, BR5 FVB2	p53 ^{-/-} , Brca1 ^{-/-} , myc	none	BR5 cell line was injected IP into FVB mice; BR5FVB1, BR5FVB2 cell lines were derived from IP tumor cells
BR (also known as BR5FVB1 + Akt)	p53 ^{-/-} , Brca1 ^{-/-} , myc, Akt	none	BR5FVB1 cell line was infected with RCAS-Akt
BR-luc	p53 ^{-/-} , Brca1 ^{-/-} , myc, Akt	puro	BR cell line was infected with Addgene - pLenti-CMVPuroLUC (w168-1)
BR Kras	p53 ^{-/-} , Brca1 ^{-/-} , myc, Akt, Kras	puro	BR cell line was infected with Addgene -pBabe-puro-K-Ras V21 (plasmid #9052)
BR Hras	p53 ^{-/-} , Brca1 ^{-/-} , myc, Akt, Hras	hygro	BR cell line was infected with Addgene -pWzl-hygro-H-Ras V12 (plasmid #18749)
C2 + K-ras	p53 ^{-/-} , myc, Akt, K-ras	neo	C2 cell line was infected with RCAS-K-ras
C2 Kras mFVBm	p53 ^{-/-} , myc, Akt, K-ras	neo	C2 + K-ras cell line was injected into a nude mouse; IP tumor nodule was isolated, expanded and injected into an FVB mouse; IP tumor nodule was isolated from the FVB mouse
C2 Kras mFVBm-luc	p53 ^{-/-} , myc, Akt, K-ras	neo, puro	C2 + K-ras cell line was injected into a nude mouse; IP tumor nodule was isolated, expanded and injected into an FVB mouse; IP tumor nodule was isolated from the FVB mouse. The resulting C2 Kras mFVBm cell line was infected with Addgene - pLenti-CMVPuroLUC (w168-1)
C2 + Her-2	p53 ^{-/-} , myc, Akt, Her-2	neo	C2 cell line was infected with RCAS-Her-2
C2 + MT	p53 ^{-/-} , myc, Akt, Her-2	neo	C2 cell line was infected with RCAS-middle T
T2 + K-ras	p53 ^{-/-} , myc, Akt, K-ras	neo	T2 cell line was infected with RCAS-K-ras
T2 + Her-2	p53 ^{-/-} , myc, Akt, Her-2	neo	T2 cell line was infected with RCAS-Her-2
T2 + MT	p53 ^{-/-} , myc, Akt, Her-2	neo	T2 cell line was infected with RCAS-middle T
mT2 + K-ras	p53 ^{-/-} , myc, Akt, K-ras	neo	T2 + K-ras cells were injected IP into FVB mice; mT2+K-ras was derived from IP tumor cells
T2 + K-ras-pMSCV-puro-Luc+	p53 ^{-/-} , myc, Akt, K-ras	neo, puro	T2 + K-ras cells were injected IP into FVB mice; mT2+K-ras was derived from IP tumor cells. The cells were then infected with pMSCV-puro-luc+ and selected by puromycin
T22 + H-ras	p53 ^{-/-} , myc, Akt, H-ras	neo, puro	T22 cell line was infected with pBabe-puro-Ha-rasV12, then selected by puromycin
T22 + H-ras-MIG-W-Luc+	p53 ^{-/-} , myc, Akt, H-ras	neo, puro	T22 cell line was infected with pBabe-puro-Ha-rasV12, then selected by puromycin. The cells were infected with MIG-W-Luc+ and sorted by FACS
T2 + pBabe	p53 ^{-/-} , myc, Akt	neo, puro	T22 cell line was infected with pBabe-puro, then selected by puromycin
T2 + pBabe-K-ras	p53 ^{-/-} , myc, Akt, K-ras	neo, puro	T22 cell line was infected with pBabe-puro-K-rasG12D, then selected by puromycin
mC1 + GFP (4 cell lines)	p53 ^{-/-} , myc, K-ras, GFP	neo	C1 cell line was injected IP into four nude mice; RCAS-GFP was injected IP; one mC1+GFP cell line was derived from IP tumor cells from each mouse
mC1 + Akt (4 cell lines)	p53 ^{-/-} , myc, K-ras, Akt	neo	C1 cell line was injected IP into four nude mice; RCAS-Akt was injected IP; one mC1+Akt cell line was derived from IP tumor cells from each mouse
pBmyc	p53 ^{F/F} , Brca1 ^{F/F} , myc	none	Ovaries from K5-TVA; p53 ^{F/F} ; Brca1 ^{F/F} mice were infected with RCAS-myc in vitro
p53 ^{-/-} + myc + Her-2	p53 ^{-/-} , myc, Her-2	neo	Ovaries from K5-TVA; p53 ^{-/-} mice were infected with RCAS-myc and RCAS-Her-2 in vitro
p53 ^{-/-} + myc + MT	p53 ^{-/-} , myc, MT	neo	Ovaries from K5-TVA; p53 ^{-/-} mice were infected with RCAS-myc and RCAS-middle T in vitro
p53 ^{-/-} + myc + cyclin D1	p53 ^{-/-} , myc, cyclin D1	neo	Ovaries from K5-TVA; p53 ^{-/-} mice were infected with RCAS-myc and RCAS-cyclinD1 in vitro
p53 ^{-/-} tet-O-myc + Akt	p53 ^{-/-} , myc, Akt	neo	Ovaries from K5-TVA; p53 ^{-/-} ; tet-O-myc mice were infected with RCAS-Akt and RCAS-rtTA in vitro in the presence of doxycycline
p53 ^{-/-} + Akt + Her-2	p53 ^{-/-} , Akt, Her-2	neo	Ovaries from K5-TVA; p53 ^{-/-} mice were infected with RCAS-Akt and RCAS-Her-2 in vitro
p53 ^{-/-} + Akt + MT	p53 ^{-/-} , Akt, MT	neo	Ovaries from K5-TVA; p53 ^{-/-} mice were infected with RCAS-Akt and RCAS-MT in vitro
T-p53 ^{-/-} + myc + Her-2	p53 ^{-/-} , myc, Her-2	neo	p53 ^{-/-} + myc + Her-2 cell line were injected IP into nude mice; T-p53 ^{-/-} + myc + Her-2 cell line were derived from IP tumor cells
T-p53 ^{-/-} + myc + MT	p53 ^{-/-} , myc, MT	neo	p53 ^{-/-} + myc + MT cell line were injected IP into nude mice; T-p53 ^{-/-} + myc + MT cell line were derived from IP tumor cells
T-p53 ^{-/-} + Akt + Her-2	p53 ^{-/-} , Akt, Her-2	neo	p53 ^{-/-} + Akt + Her-2 cell line were injected IP into nude mice; T-p53 ^{-/-} + Akt + Her-2 cell line were derived from IP tumor cells
T-p53 ^{-/-} + Akt + MT	p53 ^{-/-} , Akt, MT	neo	p53 ^{-/-} + Akt + MT cell line were injected IP into nude mice; T-p53 ^{-/-} + Akt + MT cell line were derived from IP tumor cells