

PTEN CRISPR SVF

PTEN/ α -Tubulin

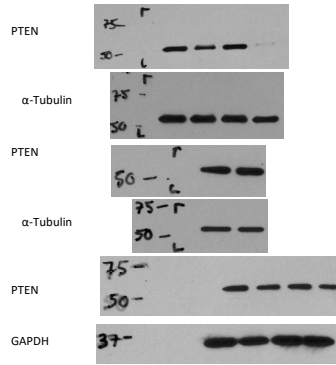
Lane	Cells	guideRNA	α -Tubulin	PTEN	PTEN/Tubulin	Fold
1	CRISPR SVF#1	control	44983.5	35283.2	0.7844	1
2	CRISPR SVF#1	PTEN #3+4	41204.8	23047.4	0.5593	0.7131
3	CRISPR SVF#3	control	39369.1	34844.8	0.8851	1
4	CRISPR SVF#3	PTEN #3+4	32432.8	2196.4	0.0677	0.0765

Gel 2

Lane	Cells	guideRNA	α -Tubulin	PTEN	PTEN/Tubulin	Fold
1	CRISPR SVF#9	control	30284.5	37275.7	1.2309	1
2	CRISPR SVF#9	PTEN #3+4	25771.4	40277.4	1.5629	1.2697

Gel 3

Lane	Cells	guideRNA	GAPDH	PTEN	PTEN/GAPDH	Fold
1	CRISPR SVF#6	control	46613.2	25935.4	0.5564	1
2	CRISPR SVF#6	control	37796.5	20527.1	0.5431	0.9761
3	CRISPR SVF#6	PTEN #3	48217.2	22996.5	0.4769	0.8572
4	CRISPR SVF#6	PTEN #3+4	50484.9	16209.0	0.3211	0.5770



pAKT/AKT

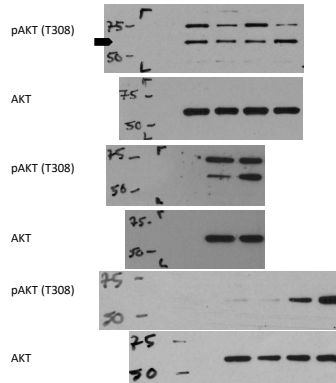
Lane	Cells	guideRNA	pAKT	AKT	pAKT/AKT	Fold
1	CRISPR SVF#1	control	24115.673	47316.22	0.50967032	1
2	CRISPR SVF#1	PTEN #3+4	15713.116	42532.735	0.369435824	0.724852536
3	CRISPR SVF#3	control	16171.53	46697.271	0.346305676	1
4	CRISPR SVF#3	PTEN #3+4	28030.016	43814.614	0.639741252	1.847331118

Gel 2

Lane	Cells	guideRNA	pAKT	AKT	pAKT/AKT	Fold
1	CRISPR SVF#9	control	18924.9	45458.3	0.4163	1
2	CRISPR SVF#9	PTEN #3+4	40323.7	41352.1	0.9751	2.3423

Gel 3

Lane	Cells	guideRNA	pAKT	AKT	pAKT/AKT	Fold
1	CRISPR SVF#6	control	1557.7	34414.0	0.0453	1
2	CRISPR SVF#6	control	1137.2	24325.5	0.0468	1.0329
3	CRISPR SVF#6	PTEN #3	18959.9	32016.1	0.5922	13.0837
4	CRISPR SVF#6	PTEN #3+4	43735.2	37969.8	1.1518	25.4480



pS6/ α -Tubulin

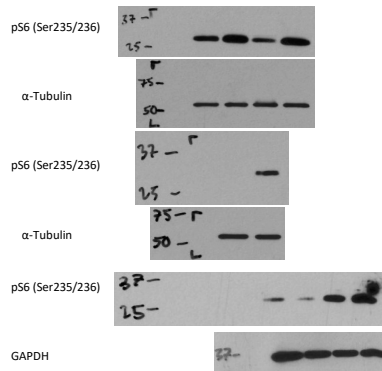
Lane	Cells	guideRNA	α -Tubulin	pS6	pS6/Tubulin	Fold
1	CRISPR SVF#1	control	19917.5	29887.6	1.5006	1
2	CRISPR SVF#1	PTEN #3+4	20513.1	47436.4	2.3125	1.5411
3	CRISPR SVF#3	control	24033.8	20507.5	0.8533	1
4	CRISPR SVF#3	PTEN #3+4	22460.1	49393.8	2.1992	2.5773

Gel 2

Lane	Cells	guideRNA	α -Tubulin	pS6	pS6/Tubulin	Fold
1	CRISPR SVF#9	control	30284.5	527.7	0.0174	1
2	CRISPR SVF#9	PTEN #3+4	25771.4	19182.4	0.7443	42.7126

Gel 3

Lane	Cells	guideRNA	GAPDH	pS6	pS6/GAPDH	Fold
1	CRISPR SVF#6	control	55297.3	8164.4	0.1476	1
2	CRISPR SVF#6	control	41454.0	3526.6	0.0851	0.5762
3	CRISPR SVF#6	PTEN #3	35198.0	23966.1	0.6809	4.6117
4	CRISPR SVF#6	PTEN #3+4	37901.3	49345.4	1.3019	8.8180



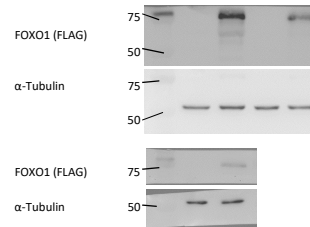
Constitutive active FOXO1 overexpression in CRISPR SVF

FOXO1 active/ α -Tubulin

Lane	Cells	guideRNA	Plasmid	α -Tubulin	FOXO1 (FLAG)	FOXO1/Tubulin	Fold
1	CRISPR SVF#6 p16	PTEN #3+4	control	7418.8	476.2	0.0642	1
2	CRISPR SVF#6 p16	PTEN #3+4	FOXO1 active	9221.7	13958.1	1.5136	23.58
3	CRISPR SVF#6 p17	PTEN #3+4	control	7703.0	246.1	0.0320	1
4	CRISPR SVF#6 p17	PTEN #3+4	FOXO1 active	7416.1	7366.7	0.9933	31.09

Gel 2

Lane	Cells	guideRNA	Plasmid	α -Tubulin	FOXO1 (FLAG)	FOXO1/Tubulin	Fold
1	CRISPR SVF#6 p23	PTEN #3+4	control	5765.4	19.0	0.0033	1
2	CRISPR SVF#6 p23	PTEN #3+4	FOXO1 active	6649.6	9061.5	1.3627	414.60



SREBP1/ α -Tubulin

Lane	Cells	guideRNA	Plasmid	α -Tubulin	SREBP1	SREBP1/Tubulin	Fold
1	CRISPR SVF#6 p16	PTEN #3+4	control	7418.8	5959.8	0.8033	1
2	CRISPR SVF#6 p16	PTEN #3+4	FOXO1 active	9221.7	3821.9	0.4145	0.52
3	CRISPR SVF#6 p17	PTEN #3+4	control	7703.0	7921.5	1.0284	1
4	CRISPR SVF#6 p17	PTEN #3+4	FOXO1 active	7416.1	5395.6	0.7276	0.71

Gel 2

Lane	Cells	guideRNA	Plasmid	α -Tubulin	SREBP1	SREBP1/Tubulin	Fold
1	CRISPR SVF#6 p23	PTEN #3+4	control	5765.4	3939.5	0.6833	1
2	CRISPR SVF#6 p23	PTEN #3+4	FOXO1 active	6649.6	1095.8	0.1648	0.24

