

Table S4. Genes dysregulated by both *Klf5* deletion in *Pten*-null mouse prostates and ectopic expression of KLF5 or its acetylation-deficient mutant K369R in xenograft tumors of the DU 145 human prostate cancer cell line (DU 145-KLF5 or DU 145-K369R). Data for DU 145 xenografts were from a previous study (Ref. 24).

Gene symbol	RefSeq	Fold-Change		
		Prostate with Klf5 deletion	DU 145-KLF5	DU 145-K369R
A2m	ENSMUST00000032203	4.15	-2.31	-8.19
Coro6	ENSMUST00000102493	2.71		-2.61
Pycr1	NM_144795	2.47		-1.53
Phlda2	NM_009434	2.44		1.58
Aldh1a1	NM_013467	2.32		-13.70
Tnc	NM_011607	2.09		3.06
Hc	NM_010406	1.93		-6.63
Serpina1a	NM_001252569	1.92		3.23
Gja1	NM_010288	1.91		-3.16
Crabp2	NM_007759	1.84	1.85	
Hilpda	NM_023516	1.81		-2.09
Adm	NM_009627	1.70		-2.25
Pfkfb3	NM_001177753	1.69	1.64	
Gstt1	NM_008185	1.68		-1.66
Col4a2	ENSMUST00000033899	1.67		4.19
Pcsk6	NM_011048	1.65		-2.38
Mdk	NM_010784	1.64	1.56	
Slc39a14	NM_001135151	1.63		1.59
Tuba4a	NM_009447	1.62		2.06
Cdh3	NM_001037809	1.61		1.62
S100a8	NM_013650	1.60	-3.34	-3.37
Crlf1	NM_018827	1.60		-5.52
Susd2	NM_027890	1.58		-4.68
Fkbp10	NM_010221	1.58		-2.60
Ndrp1	NM_008681	1.56		-1.63
Cpm	NM_027468	1.56		-2.60
Col4a1	NM_009931	1.55		2.81
Tfpi2	NM_009364	1.53		-2.79
Tnfaip2	NM_009396	1.52		1.94
Phgdh	NM_016966	1.52		-1.59
Gramd1b	ENSMUST00000165104	-1.50		1.55
Lpgat1	NM_001134829	-1.51		-2.55
Tmtc2	NM_177368	-1.51		-6.44
Gpx2	NM_030677	-1.52		-2.10
Idh2	NM_173011	-1.54		-2.05

Anxa3	NM_013470	-1.55		2.42
Pdlim2	NM_145978	-1.55		1.64
Arrb1	NM_177231	-1.55	1.95	
Cadm1	NM_207675	-1.57		-2.30
Il18	NM_008360	-1.61		2.15
Pag1	NM_001195031	-1.62		-5.06
Pmaip1	NM_021451	-1.63		1.60
Syt12	ENSMUST00000032846	-1.65		2.52
Cfi	NM_007686	-1.70		-3.29
Crispld1	ENSMUST00000095075	-1.78		-10.13
Efemp1	NM_146015	-1.85		4.51
S100a6	NM_011313	-1.85		2.45
Agr2	NM_011783	-1.87		-5.00
Mall	NM_145532	-1.90		-1.69
F3	NM_010171	-1.90		-3.07
Abca8a	NM_153145	-1.93		-3.48
Abca8b	NM_013851	-2.03		-3.48
Tacstd2	NM_020047	-2.09		14.15
Sema3c	NM_013657	-2.15		2.15
Npnt	NM_033525	-2.50		-9.47
Chga	NM_007693	-2.64	2.75	-6.38
Ctse	NM_007799	-4.52		-3.02
Tspan8	NM_146010	-9.67		-6.97
