

HUGO	Description	Mouse LCM stroma			FDR (%)	Human Senescent Prostate stroma cells					Human <25% FDR							
		Young	Old			ASH 18K	ASH	ASB	RS	P16		RAS	ASH 18K	ASH	ASB	RS	P16	RAS
APOD	apolipoprotein D				0.0								*	na	na	na	na	na
RAB3D	RAB3D, member RAS oncogene family				3.8												*	
IL7R	interleukin 7 receptor				5.9								*					
EFHD1	EF-hand domain family, member D1				5.9												*	
INADL	InaD-like (Drosophila)				7.1											*	*	
PERP	PERP, TP53 apoptosis effector				8.1								na	*		*		*
CCL7	chemokine (C-C motif) ligand 7				8.1												*	*
WDR45L	WDR45-like				9.6												*	
GDF15	growth differentiation factor 15				12.5								*	na		na	na	na
ATF3	activating transcription factor 3				15.6								*	na	na	na	na	na
SV2B	synaptic vesicle glycoprotein 2B				15.6								na					
PANK2	pantothenate kinase 2 (Hallervorden-Spatz syndrome)				17.2											*	*	*
TMPRSS2	transmembrane protease, serine 2				17.2												*	
TLR1	tol-like receptor 1				17.2												*	na
STAT1	signal transducer and activator of transcription 1, 91kDa				18.4								*	*	*	*	*	*
B2M	beta-2-microglobulin				18.4									*	*		*	*
LRPAP1	low density lipoprotein receptor-associated protein 1				18.4										*	*	*	
DDB2	damage-specific DNA binding protein 2, 48kDa				18.4										*	*		
SCYL3	SCY1-like 3 (S. cerevisiae)				18.4											*	*	*
LGALS3	lectin, galactoside-binding, soluble, 3 (galectin 3)				18.4								*			*		
BDNF	brain-derived neurotrophic factor				18.4											*	*	*
IER3	immediate early response 3				18.4												*	
PARP8	poly (ADP-ribose) polymerase family, member 8				18.4											*	na	
SLC16A1	solute carrier family 16, member 1				18.4												*	*
THBS1	thrombospondin 1				18.4								na	na	*	na	na	
HBP1	HMG-box transcription factor 1				21.8								*			*	*	
PRDX6	peroxiredoxin 6				21.8											*	*	
EHF	ets homologous factor				21.8								na			*	*	*
CXCL16	chemokine (C-X-C motif) ligand 16				21.8											*	*	
TAP1	transporter 1, ATP-binding cassette, sub-family B				21.8									*			na	na
SOX9	SRY (sex determining region Y)-box 9				23.8											*	*	*
SLC25A25	solute carrier family 25 , member 25				23.8												*	
USP33	ubiquitin specific peptidase 33				23.8												*	
DNAJC10	DnaJ (Hsp40) homolog, subfamily C, member 10				23.8											*	na	na
NR4A1	nuclear receptor subfamily 4, group A, member 1				23.8												*	
CCND2	cyclin D2				9.6										*	*	*	*
MEST	mesoderm specific transcript homolog (mouse)				9.6												na	na

Figure S5. Bianchi-Frias et al., 2010