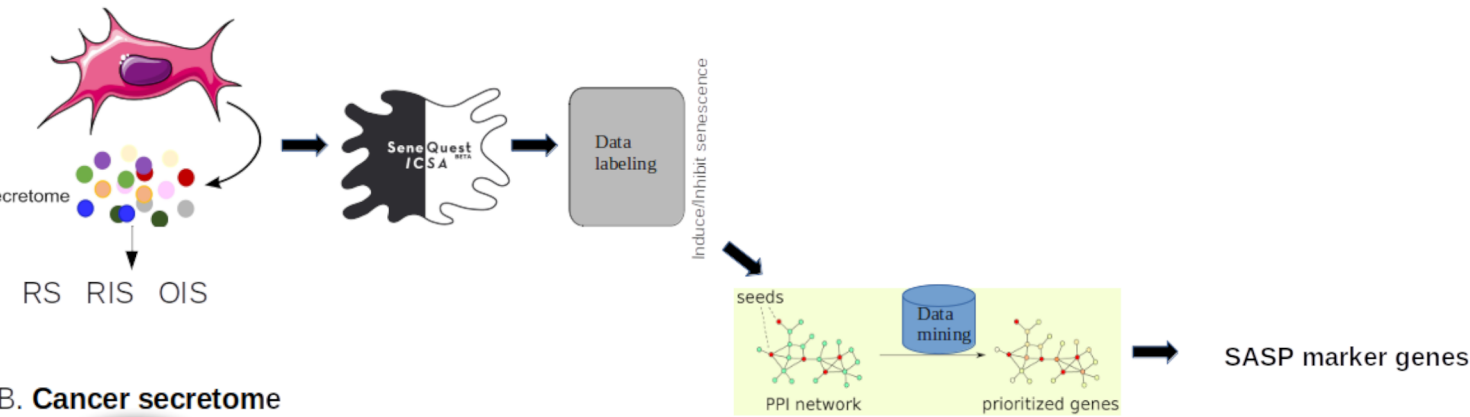
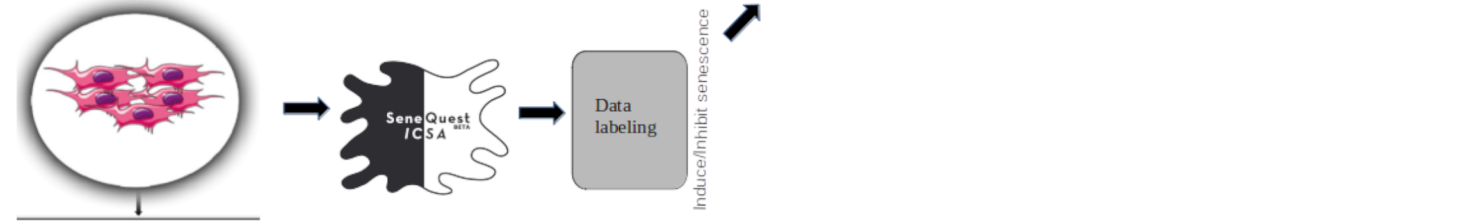


SASP gene prioritization pipeline

A. SASP studies



B. Cancer secretome



SASP marker genes per senescence stimuli

SUSP SENESCENCE			
RIS	RS	OIS	Lung-Cancer-studies
BLK	GDF15	HRAS	IL6
CXCL1	OPN	NDGR1	TGFB1
IGFBP3	TNF	PKM	CXCL8
IGFBP5	TNFR1	ARPC1B	VEGFA
MAPK14	ACTIVINA	CKB	HDGF
MORC3	CCL3	IGFBP5	FGF
PKM	IL15	PEBP1	SHH
SERPINE1		PTRF	CCL2
TOP1		SERPINE1	IL4
			GDF15
			PTGES2
			IL10
			HLA-G
			IFNG
			NECTIN2
			PVR
			IL34
			IGF2
			ccl1
			ccl2
			CCL3
			CCL4
			CCL5
			TNF
			LGALS3BP
			COL7A1
			IGFBP3
			BMP1
			AGRN
			LAMB1
			LAMC1
			LTBP1
			ITGB1
			CTSV
			CTSL
			PLAU
			SDC4
			HSPG2
			FN1
			VEGFA
			LAMA5