

Network-based integration of omics with multi-objective optimization.

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ADDITIONAL FILE 2. Gene sets containing basal markers or randomly selected genes.

BASAL GENE SET I (Proia, et al. 2011)*	BASAL CENTROID (Proia, et al. 2011)*	BASAL GENE SET II (Proia, et al. 2011)*	RANDOM I	RANDOM II	RANDOM III
ACTA2	CDH3	ACTA2	ADAMTSL4	ABCE1	BANK1
IGFBP7	CHI3L2	BAP1	ASAP3	ADRB3	C1QTNF1
ITGB1	CP	C-MYB	ASTE1	ALDH3A1	CTR9
KRT14	CRABP1	CDH3	ATF6B	APOM	DCAF7
KRT17	CSRP2	EGFR	BRD3	CCR4	FANCG
MYLK	CXCL1	FGFR1	CDC42BPA	CEP55	FCGR3B
SLC39A6	FABP7	FN1	CPD	CSDA	FGFR4
SPARC	FOXC1	FOXC1	DCTD	CYP2C19	HGSNAT
TAGLN	ID4	ITGB1	DRD2	DRD1	HNRNPL
VIM	KIT	KRT14	GTF3C1	EXT1	HTR1A
	MMP7	KRT17	HDGF	FGFR2	LDHB
	NFIB	KRT5	HTR5A	GM2A	MED20
	PRNP	LCN2	LRR32	ITPKB	MOBP
	SFRP1	MMP9	NCSTN	OBSCN	NRTN
		MYLK	OTC	PRY	PRMT5
		NPY1R	PCSK5	RTDR1	RAG2
		OXTR	PHYHIP	SMG9	RBKS
		P63	POLA2	SNRPF	RPL35
		PCDH8	PSRC1	SYF2	SLC25A6
		PROM1	SHCBP1	SYT5	SLC28A2
		THSD1	SNAPC1	TIMELESS	TPD52
		THY1	TBC1D8	TNIP1	TRIP12
		TIMP1	TBCA	ZNF259	WNT16
		VIM			

*Proia, et al. (2011, Cell Stem Cell, 8, 149-163)