

A

Control genes	MMS genes		Non-MMS Metabolic Genes	Known Mesenchymal Genes
GFP	AK5	GPX8	ACLY	CD44
LacZ	AKR1B1	GXYLT2	AGK	CDH1
LUCIFERASE	AOX1	HAS2	ALDH1L1	FOXC2
RFP	ARSJ	HS3ST3A1	ARG2	GCG
	B3GNT9	MGLL	CDA	NT5E
	BCAT1	MGST1	DIO1	SNAI1
	CA12	MICAL2	ELOVL5	SNAI2
	CHI3L1	MME	GCNT3	TGFB1
	COX7A1	MSRB3	GGH	TWIST1
	CYBRD1	NNMT	GPX3	VIM
	CYP1B1	PAM	HNMT	ZEB1
	DDAH1	PAPSS2	MAOB	ZEB2
	DPYD	PDE1C	NUDT5	
	DSE	PLCB4	ST6GALNAC2	
	DSEL	PPAP2B	RRM1*	
	ENPP2	PPAPDC1A	TYMS*	
	EXT1	PTGR1		
	GALNT10	SPHK1		
	GBE1	SULF1		
	GFPT2	UAP1		
	GLT8D2	UGCG		

* Genes required for proliferation

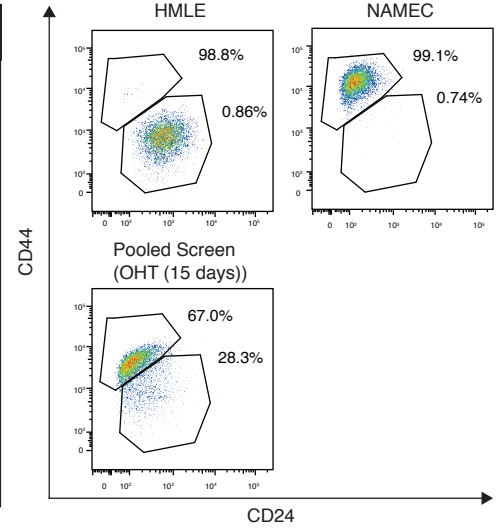
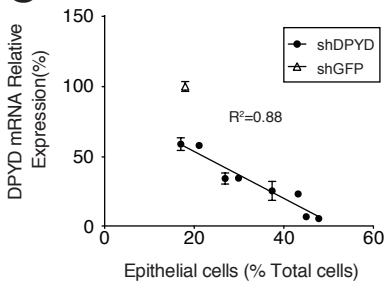
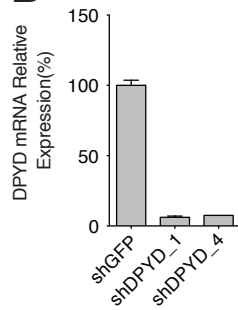
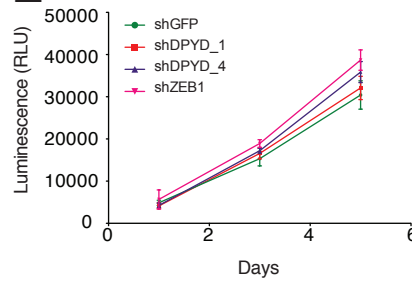
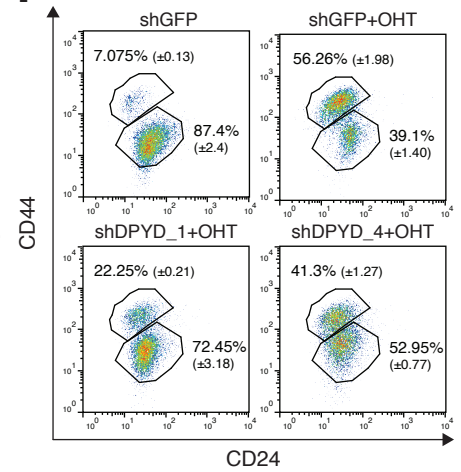
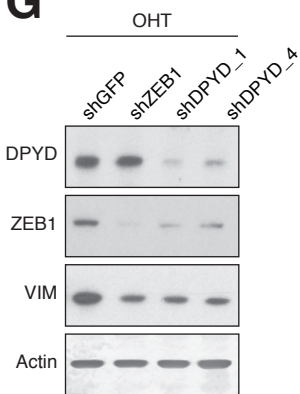
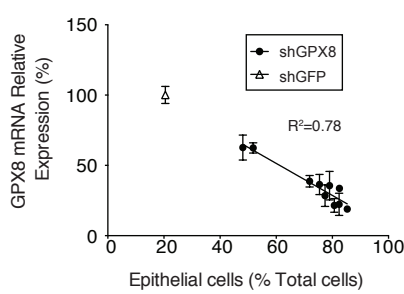
B**C****D****E****F****G****H**

Figure S3