

Table S4

Category	Company	Items	Catalog no.
Tissue digestion buffer	Cedarlane Labs	Collagen III	LS004182
		Primocin	Ant-pm-05
	Sigma	Hyaluronidase	H3884
		Pen/Strep	P4333
	Invitrogen	ADDF+++ media (Advanced DMEM/F12)	12634-010
		GlutaMAX-1	35050-061
		HEPES	15630-080

Fibroblast propagation medium	Invitrogen	DMEM+Glutamax-1	10569-010
		Gentamicin	15710-064
		Insulin	12585-014
		BPE	002-011-IL
	Thermo Fisher Scientific	hEGF	PHG0311
	Invivogen	Normocin	ANT-NR2
	Gibco	FBS	12483020

Organoid expansion Medium (EM)	-	Conditioned media	Wnt, Rspodin, Noggin Expressing Hek293 Cell lines were kindly given by Dr. Morag Park, McGill University
	Stemcell	Intesti-Cult Media	06010
	Invitrogen	GlutaMAX-1	-
		ADDF+++ media	-
		HEPES	-
		B27	17504-044
		N2	17502-508
	Sigma	N-acetyl-l-cysteine	A5099
		LeuGastrin	G9145
		Pen/Strep	-
		ROCK inhibitor	Y0503
		SB202190	S7067
	Tocris,	A8301	2939
	Peprotech	mEGF	315-09
		hFGF10	100-26

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Extracellular matrix (ECM) solution	Corning	Rat tail Collagen type I	354249
		Matrigel	CB-40230C
Matrigel digestion Mix	Millipore	Collagenase/Dispase	11097113001
S1 Chip activation solutions	Emulate inc.	ER1	10461
		ER2	10462
Primary antibody	BD transduction	anti-E-cadherin	610182
	Abcam	anti-Cytokeratin7	ab181598
		anti-Lumican	ab168348
	ThermoFisher	anti-ACTA2 (α SMA)	MA5-11547
		Phalloidin-647	A22287
	Ventana Medical Systems	anti-Pan Keratin (AE1/AE3/PCK26)	760-2595
		anti-Ki67 (30-9)	790-4286
	R&D Systems	anti-PDGFR α	AF307-SP
		anti-PDGFR β	AF385-SP
	Sigma	anti-vimentin	V4630
Secondary antibody	Invitrogen	donkey anti-goat-AF488	A11055
		goat anti-rabbit-AF555	A31572

Table S4

	Sigma	DAPI	-
Chemotherapeutic agents		Docetaxel	#11637
	Cayman Chemical	5-Fluorouracil	#14416
		Oxaliplatin	#13106
		Cisplatin	#13119