

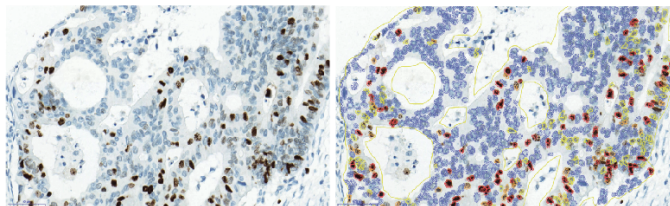
Fig. S5

Proliferation of cancer cells

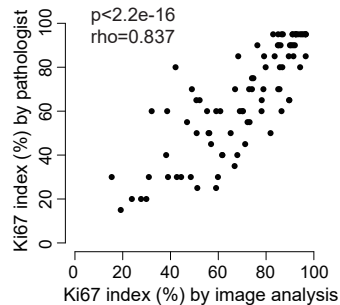
a

Ki-67 labeling index
by pathologist

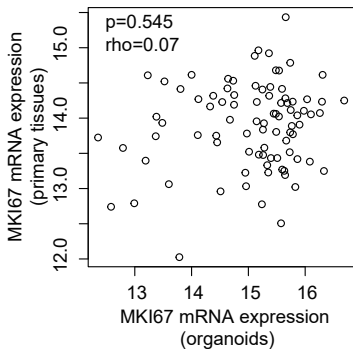
Ki-67 labeling index
by image analysis



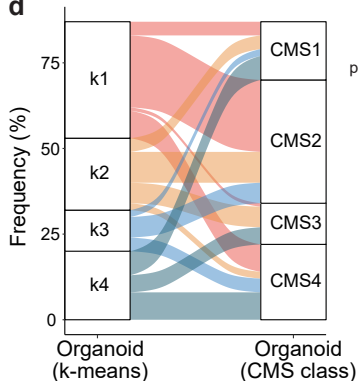
b



c



d



$p = 0.0005$

	CMS1	CMS2	CMS3	CMS4
k1	4	21	1	8
k2	4	9	6	2
k3	2	6	0	4
k4	7	0	5	8

k1 subgroup: high proliferation with MYC pathway activation
CMS2 : WNT and MYC activation

k4 subgroup: mesenchymal
CMS4: mesenchymal including TGF-beta activation