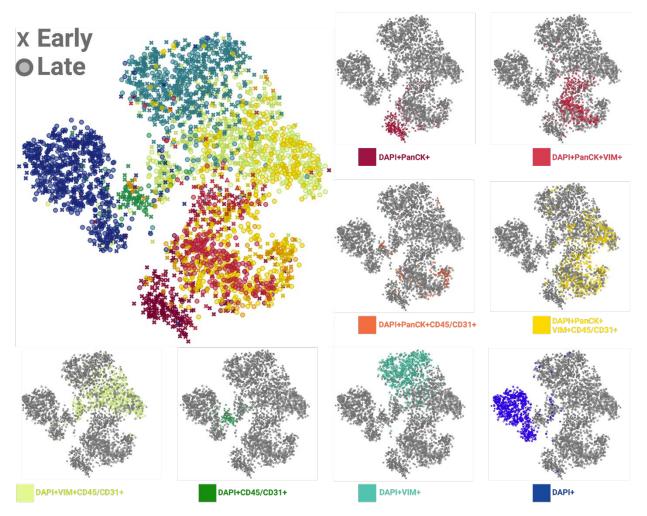
Supplementary Table 1

		Early Stage		Late Stage		
	Patients	n	%	n	%	
Sex	Female	74	100	26	100	
	Male	0	0	0	0	
	N/A	0	0	0	0	
Stage	Early	74	100	0	0	
	Late	0	0	26	100	
	N/A	0	0	0	0	
ER Status	Positive	47	64	9	35	
	Negative	6	8	6	23	
	N/A	21	28	11	42	
PR Status	Positive	43	58	6	23	
	Negative	11	15	9	35	
	N/A	20	27	11	42	
HER2 Status	Positive	7	9.5	4	15	
	Negative	40	54	10	39	
	N/A	27	36.5	12	46	
Histological Subtypes	Ductal	48	58	11	23	
	Lobular	5	15	3	35	
	Other	1	27	0	42	
	N/A	20	27	12	42	
Tumor Grade	1	24	32.5	1	4	
	2	21	28.5	6	23	
	3	9	12	5	19	
	N/A	20	27	14	54	

N/A: data not provided.

Supplementary Figure 1



Supplementary Figure 1. Visualization of rare cell features. T-SNE embedding of rare cells based on morphometric features derived from OCULAR. Each designated color represents a classification group marked in the figure.