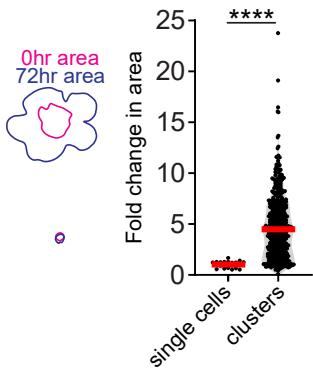
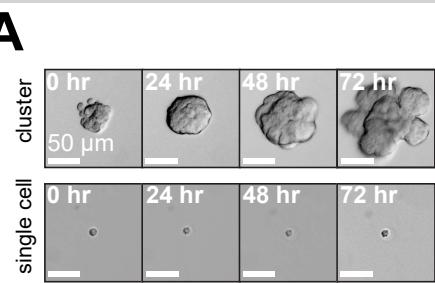
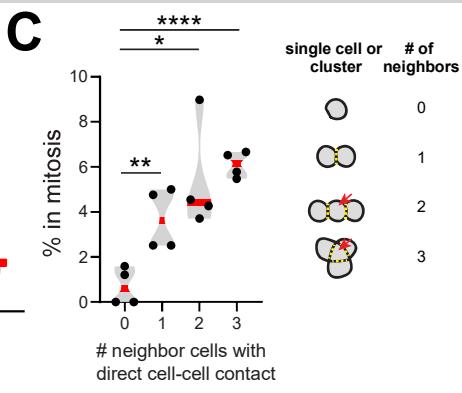
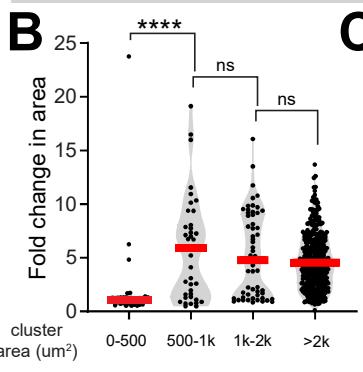


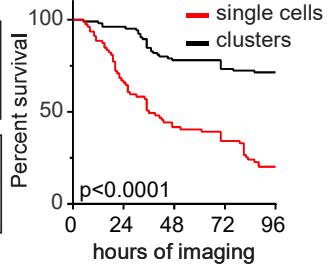
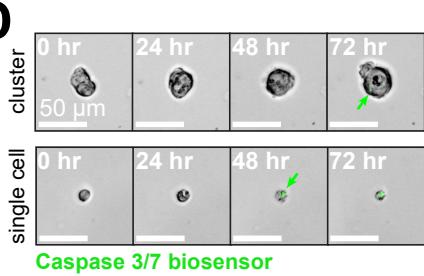
Time lapse of PyMT single cell vs. cluster growth in 3D culture



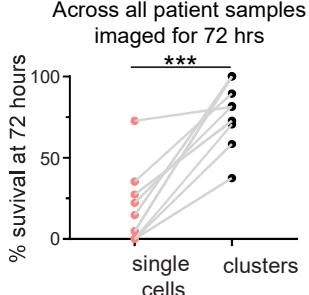
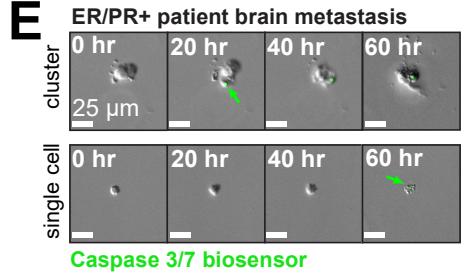
Proliferation depends on cluster size and # of directly contacting neighbor cells



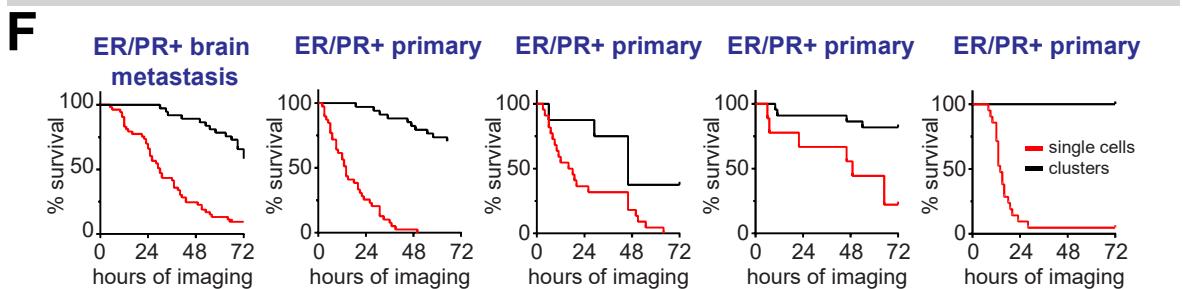
Time lapse of PyMT single cell vs. cluster apoptosis in 3D culture



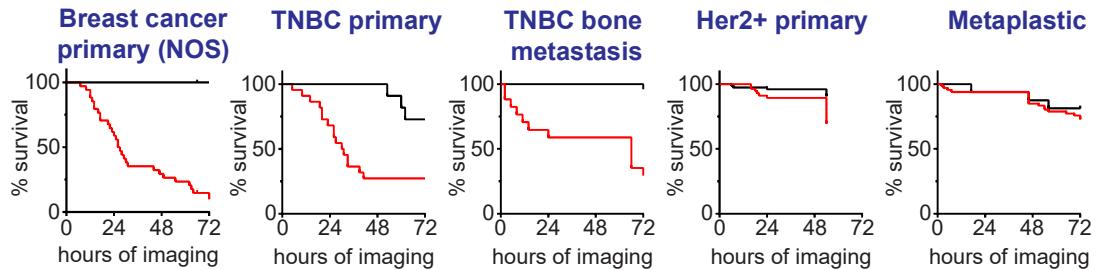
Time lapse of human breast cancer single cell vs. cluster apoptosis in 3D culture



Apoptosis time lapse monitoring of single tumor cells or clusters from individual patients



| # single cells | 53 | # clusters | 37 | p-value | p<0.0001 |
|----------------|----|------------|----|---------|----------|
|----------------|----|------------|----|---------|----------|



| # single cells | 34 | # clusters | 39 | p-value | p<0.0001 |
|----------------|----|------------|----|---------|----------|
|----------------|----|------------|----|---------|----------|