

Cell line (4 weeks)	4T1					4T07					67NR					168FARN				
mouse #	491	493	495	497	499	481	483	485	487	489	471	473	475	477	479	461	463	465	467	469
LN	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg
Lung	neg	(+)	neg	(+)	(++)	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg
Liver	neg	neg	neg	neg	(+)	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg
Others	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg
Cell line (time point)	4T1 (5 wks)					4T07 (8 wks)					67NR (5 wks)					168FARN (8 wks)				
mouse #	492	494	496	498	500	482	484	486	488	490	472	474	476	478	480	462	464	466	468	470
LN	<i>dead</i>	(+)	<i>dead</i>	(++)	(+)	(+)	(+)	(+)	neg	<i>dead</i>	neg	neg	neg	neg	neg	(+)	neg	neg	neg	(+)
Lung	<i>dead</i>	(++)	<i>dead</i>	(++)	(++)	neg	neg	neg	neg	<i>dead</i>	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg
Liver	<i>dead</i>	neg	<i>dead</i>	neg	neg	(++)	neg	(+)	neg	<i>dead</i>	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg
Others	<i>dead</i>	neg	<i>dead</i>	neg	neg	neg	neg	neg	neg	<i>dead</i>	neg	neg	neg	neg	neg	neg	neg	neg	neg	neg

Supplementary Table: Metastatic Capacities of 4T1 and Subclone Cell Lines.

200k tumor cells, resuspended in 50% Matrigel, were injected to the mammary fat pad of BALB/c mice. Four weeks after tumor cell injection, 5 mice for each subclone group were euthanized to assess LN and organ metastasis macroscopically. Another 5 mice for each group were euthanized at week 5 (4T1 and 67NR) or week 8 (4T07 and 168FARN) after tumor cell injection, to assess LN and organ metastasis at later phase. Euthanasia was performed when tumor volume of the group (at least one mouse) reached the humane endpoint (2000 mm³). LN(+): Equal to or less than 3 metastatic LNs, LN(++): More than 3 metastatic LNs, Lung/Liver (+): Equal to or less than 10 metastatic nodules, Lung/Liver (++) : More than 10 metastatic nodules on the organ surface. Dead: mice died before humane endpoint or determined time for euthanasia (5 or 8 weeks), thus organ metastasis was not evaluated.