



Supplementary Materials

## Cytoskeletal Organization Correlates to Motility and Invasiveness of Malignant Mesothelioma Cells

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**Table S1.** A complete list of the significances of the data presented in Figure 1B–D calculated by one-way ANOVA with Tukey's post hoc analyses.

	Α		
Cell Area			
Tukey's Multiple Comparisons Test	Adjusted <i>p</i> Value	Summary	Significant?
MeT-5a vs. Mero-25	0.0004	***	Yes
MeT-5a vs. M-14-K	<0.0001	****	Yes
MeT-5a vs. JL-1	0.0537	ns	No
MeT-5a vs. STAV-AB	<0.0001	****	Yes
MeT-5a vs. STAV-FCS	0.025	*	Yes
MeT-5a vs. ZL34	< 0.0001	****	Yes
MeT-5a vs. DM-3	<0.0001	****	Yes
Mero-25 vs. M-14-K	0.9787	ns	No
Mero-25 vs. JL-1	0.7245	ns	No
Mero-25 vs. STAV-AB	0.9892	ns	No
Mero-25 vs. STAV-FCS	0.9113	ns	No
Mero-25 vs. ZL34	>0.9999	ns	No
Mero-25 vs. DM-3	< 0.0001	****	Yes
M-14-K vs. JL-1	0.1183	ns	No
M-14-K vs. STAV-AB	>0.9999	ns	No
M-14-K vs. STAV-FCS	0.2939	ns	No
M-14-K vs. ZL34	0.9986	ns	No
M-14-K vs. DM-3	< 0.0001	****	Yes
JL-1 vs. STAV-AB	0.1349	ns	No
JL-1 vs. STAV-FCS	>0.9999	ns	No
JL-1 vs. ZL34	0.3481	ns	No
JL-1 vs. DM-3	< 0.0001	****	Yes
STAV-AB vs. STAV-FCS	0.3325	ns	No
STAV-AB vs. ZL34	0.9997	ns	No
STAV-AB vs. DM-3	< 0.0001	****	Yes
STAV-FCS vs. ZL34	0.6317	ns	No
STAV-FCS vs. DM-3	< 0.0001	****	Yes
ZL34 vs. DM-3	< 0.0001	****	Yes
	В		
Cell Shape			
Tukey's Multiple Comparisons Test	Adjusted <i>p</i> Value	Summary	Significant?
MeT-5a vs. Mero-25	0.978	ns	No
MeT-5a vs. M-14-K	0.0313	*	Yes
MeT-5a vs. JL-1	< 0.0001	****	Yes
MeT-5a vs. STAV-AB	< 0.0001	****	Yes
MeT-5a vs. STAV-FCS	< 0.0001	****	Yes
MeT-5a vs. ZL34	0.0001	***	Yes
MeT-5a vs. DM-3	< 0.0001	****	Yes
Mero-25 vs. M-14-K	0.0023	**	Yes
Mero-25 vs. JL-1	< 0.0001	****	Yes

Mero-25 vs. STAV-AB	< 0.0001	****	Yes
Mero-25 vs. STAV-FCS	< 0.0001	****	Yes
Mero-25 vs. ZL34	< 0.0001	****	Yes
Mero-25 vs. DM-3	< 0.0001	****	Yes
M-14-K vs. JL-1	0.0002	***	Yes
M-14-K vs. STAV-AB	0.3845	ns	No
M-14-K vs. STAV-FCS	0.2936	ns	No
M-14-K vs. ZL34	0.8794	ns	No
M-14-K vs. DM-3	< 0.0001	****	Yes
JL-1 vs. STAV-AB	0.1724	ns	No
IL-1 vs. STAV-FCS	0.3172	ns	No
IL-1 vs. ZL34	0.0156	*	Yes
IL-1 vs. DM-3	<0.0001	****	Yes
STAV-AB vs. STAV-FCS	>0.9999	ns	No
STAV-AB vs. ZI 34	0.9896	ns	No
STAV-AB vs. DM-3	<0.0001	****	Yes
STAV-FCS vs. ZL34	0.9652	ns	No
STAV-FCS vs. DM-3	<0.0001	****	Yes
7I 34 vs DM-3	<0.0001	****	Yes
	<u>(0.0001</u>		105
Call Aspect Ratio			
Tukov's Multiple Comparisons Test	Adjusted n Value	Summary	Significant?
MoT 52 vc. More 25		Summary	Significant:
MeT 5e rrs M 14 K	~0.3353	115	No
MeT 5a vs. M-14-K	0.1259	ns	No
Mer-Sa VS. JL-1	0.1338	ns	INO
M-T C CTAV AD	0 7405		NI-
MeT-5a vs. STAV-AB	0.7485	ns *	No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS	0.7485 0.0119	ns *	No Yes
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34	0.7485 0.0119 0.9928	ns * ns	No Yes No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3	0.7485 0.0119 0.9928 0.0001	ns * ns ***	No Yes No Yes
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K	0.7485 0.0119 0.9928 0.0001 0.4653	ns * ns *** ns	No Yes No Yes No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503	ns * ns *** ns ns	No Yes No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651	ns * ns *** ns ns ns	No Yes No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326	ns * ns *** ns ns *	No Yes No No No Yes
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985	ns * ns *** ns ns * * ns	No Yes No No No Yes No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006	ns * ns *** ns ns * * ns ***	No Yes No No No Yes No Yes
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 >0.9999	ns * ns *** ns * * * * * * * *	No Yes No No No Yes No Yes No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 > $0.9999$ 0.9959	ns * ns *** ns ns * * * * * * * * *	No Yes No No No Yes No Yes No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 >0.9999 0.9959 0.9227	ns * ns *** ns ns * * * ns *** ns ns ns ns ns	No Yes No No No Yes No Yes No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. ZL34	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 >0.9999 0.9959 0.9227 0.7877	ns * ns *** ns ns * * ns ns ns ns ns ns ns	No Yes No No No Yes No Yes No No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. ZL34 M-14-K vs. DM-3	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 > $0.9999$ 0.9959 0.9227 0.7877 0.2834	ns * ns *** ns ns * * ns ns ns ns ns ns ns ns ns	No Yes No No No Yes No Yes No No No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. ZL34 M-14-K vs. DM-3 JL-1 vs. STAV-AB	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 > $0.9999$ 0.9959 0.99227 0.7877 0.2834 0.9589	ns * ns *** ns ns * * ns ns ns ns ns ns ns ns ns ns ns ns ns	No Yes No Yes No Yes No Yes No No No No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. DM-3 JL-1 vs. STAV-AB JL-1 vs. STAV-FCS	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 > $0.9999$ 0.9959 0.9227 0.7877 0.2834 0.9589 0.9812	ns * ns *** ns ns * * ns ns ns ns ns ns ns ns ns ns ns ns ns	No Yes No No No Yes No Yes No No No No No No No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. DM-3 JL-1 vs. STAV-AB JL-1 vs. STAV-FCS JL-1 vs. ZL34	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 > $0.9999$ 0.9959 0.9227 0.7877 0.2834 0.9589 0.9812 0.5398	ns * ns *** ns ns * * ns ns ns ns ns ns ns ns ns ns ns ns ns	No Yes No No No Yes No Yes No No No No No No No No No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. ZL34 JL-1 vs. STAV-FCS JL-1 vs. ZL34 JL-1 vs. DM-3	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 > $0.9999$ 0.9959 0.9227 0.7877 0.2834 0.9589 0.9812 0.5398 0.4372	ns * ns *** ns ns * * * ns ns ns ns ns ns ns ns ns ns ns ns ns	No Yes No No No Yes No Yes No Yes No No No No No No No No No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. DM-3 JL-1 vs. STAV-FCS JL-1 vs. DM-3 STAV-AB vs. STAV-FCS	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 > $0.9999$ 0.9959 0.9227 0.7877 0.2834 0.9589 0.9812 0.5398 0.4372 0.4865	ns * ns *** ns ns * * * ns ns ns ns ns ns ns ns ns ns ns ns ns	No Yes No No No Yes No Yes No Yes No No No No No No No No No No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-AB M-14-K vs. ZL34 M-14-K vs. ZL34 JL-1 vs. STAV-FCS JL-1 vs. STAV-FCS STAV-AB vs. STAV-FCS	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 > $0.9999$ 0.9959 0.9227 0.7877 0.2834 0.9589 0.9812 0.5398 0.4372 0.4865 0.9917	ns * ns *** ns ns *** ns *** ns ns ns ns ns ns ns ns ns ns	No Yes No Yes No No Yes No Yes No No No No No No No No No No No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-AB M-14-K vs. ZL34 M-14-K vs. DM-3 JL-1 vs. STAV-FCS JL-1 vs. ZL34 JL-1 vs. STAV-FCS STAV-AB vs. STAV-FCS STAV-AB vs. ZL34 STAV-AB vs. DM-3	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 > $0.9999$ 0.9959 0.9227 0.7877 0.2834 0.9589 0.9812 0.5398 0.4372 0.4865 0.9917 0.0371	ns *** ns *** ns ns *** ns *** ns ns ns ns ns ns ns ns ns ns ns ns ns	No Yes No No No Yes No Yes No Yes No No No No No No No No No No No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. DM-3 JL-1 vs. STAV-FCS JL-1 vs. STAV-FCS STAV-AB vs. STAV-FCS STAV-AB vs. ZL34 STAV-AB vs. ZL34 STAV-AB vs. DM-3 STAV-AB vs. DM-3 STAV-AB vs. DM-3 STAV-AB vs. DM-3	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 > $0.9999$ 0.9959 0.9227 0.7877 0.2834 0.9589 0.9812 0.5398 0.4372 0.4865 0.9917 0.0371 0.0985	ns * ns *** ns ns * * ns ns ns ns ns ns ns ns ns ns	No Yes No No No No Yes No Yes No No No No No No No No No No No No No
MeT-5a vs. STAV-AB MeT-5a vs. STAV-FCS MeT-5a vs. ZL34 MeT-5a vs. DM-3 Mero-25 vs. M-14-K Mero-25 vs. JL-1 Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. DM-3 JL-1 vs. STAV-FCS JL-1 vs. STAV-FCS JL-1 vs. STAV-FCS STAV-AB vs. STAV-FCS STAV-AB vs. STAV-FCS STAV-AB vs. STAV-FCS STAV-AB vs. ZL34 STAV-AB vs. DM-3 STAV-AB vs. DM-3 STAV-FCS vs. ZL34 STAV-FCS vs. ZL34	0.7485 0.0119 0.9928 0.0001 0.4653 0.2503 0.8651 0.0326 0.9985 0.0006 > $0.99999$ 0.9959 0.9227 0.7877 0.2834 0.9589 0.9812 0.5398 0.4372 0.4372 0.4865 0.9917 0.0371 0.0985 0.9653	ns * ns *** ns ns * * ns ns ns ns ns ns ns ns ns ns	No Yes No No No No Yes No Yes No No No No No No No No No No No No No

Focal Adhesion Size			
Tukey's Multiple Comparisons Test	Adjusted <i>p</i> Value	Summary	Significant?
Met-5a vs. Mero-25	0.919	ns	No
Met-5a vs. M-14-K	>0.9999	ns	No
Met-5a vs. JL-1	< 0.0001	****	Yes
Met-5a vs. STAV-AB	< 0.0001	****	Yes
Met-5a vs. STAV-FCS	0.9996	ns	No
Met-5a vs. ZL34	< 0.0001	****	Yes
Met-5a vs. DM-3	0.4359	ns	No
Mero-25 vs. M-14-K	0.9963	ns	No
Mero-25 vs. JL-1	< 0.0001	****	Yes
Mero-25 vs. STAV-AB	< 0.0001	****	Yes
Mero-25 vs. STAV-FCS	0.9991	ns	No
Mero-25 vs. ZL34	< 0.0001	****	Yes
Mero-25 vs. DM-3	0.9794	ns	No
M-14-K vs. JL-1	< 0.0001	****	Yes
M-14-K vs. STAV-AB	< 0.0001	****	Yes
M-14-K vs. STAV-FCS	>0.9999	ns	No
M-14-K vs. ZL34	< 0.0001	****	Yes
M-14-K vs. DM-3	0.8173	ns	No
JL-1 vs. STAV-AB	< 0.0001	****	Yes
JL-1 vs. STAV-FCS	< 0.0001	****	Yes
JL-1 vs. ZL34	< 0.0001	****	Yes
JL-1 vs. DM-3	< 0.0001	****	Yes
STAV-AB vs. STAV-FCS	< 0.0001	****	Yes
STAV-AB vs. ZL34	0.8499	ns	No
STAV-AB vs. DM-3	0.0203	*	Yes
STAV-FCS vs. ZL34	< 0.0001	****	Yes
STAV-FCS vs. DM-3	0.8518	ns	No
ZL34 vs. DM-3	< 0.0001	****	Yes

**Table S2.** A complete list of the significances of the data presented in Figure 2B, calculated by one-way ANOVA with Tukey's post hoc analysis.

Tubulin Acetylation			
Tukey's Multiple Comparisons Test	Adjusted <i>p</i> Value	Summary	Significant?
MeT-5a vs. Mero-25	< 0.0001	****	Yes
MeT-5a vs. M-14-K	0.0005	***	Yes
MeT-5a vs. JL-1	< 0.0001	****	Yes
MeT-5a vs. STAV-AB	0.6819	ns	No
MeT-5a vs. STAV-FCS	0.9695	ns	No
MeT-5a vs. ZL34	0.0071	**	Yes
MeT-5a vs. DM-3	< 0.0001	****	Yes
Mero-25 vs. M-14-K	< 0.0001	****	Yes
Mero-25 vs. JL-1	0.9664	ns	No
Mero-25 vs. STAV-AB	0.024	*	Yes
Mero-25 vs. STAV-FCS	< 0.0001	****	Yes
Mero-25 vs. ZL34	< 0.0001	****	Yes
Mero-25 vs. DM-3	0.2023	ns	No
M-14-K vs. JL-1	< 0.0001	****	Yes
M-14-K vs. STAV-AB	< 0.0001	****	Yes
M-14-K vs. STAV-FCS	0.0149	*	Yes
M-14-K vs. ZL34	0.9936	ns	No
M-14-K vs. DM-3	< 0.0001	****	Yes
JL-1 vs. STAV-AB	0.0008	***	Yes
JL-1 vs. STAV-FCS	< 0.0001	****	Yes
JL-1 vs. ZL34	< 0.0001	****	Yes
JL-1 vs. DM-3	0.8137	ns	No
STAV-AB vs. STAV-FCS	0.1301	ns	No
STAV-AB vs. ZL34	< 0.0001	****	Yes
STAV-AB vs. DM-3	< 0.0001	****	Yes
STAV-FCS vs. ZL34	0.1193	ns	No
STAV-FCS vs. DM-3	< 0.0001	****	Yes
ZL34 vs. DM-3	< 0.0001	****	Yes

**Table S3.** A complete list of the significances of the data presented in Figure 4B, calculated by one-way ANOVA with Tukey's post hoc analysis.

Vimentin Localization			
Tukey's Multiple Comparisons Test	Adjusted <i>p</i> Value	Summary	Significant?
MeT-5a vs. Mero-25	0.401	ns	No
MeT-5a vs. M-14-K	0.0012	**	Yes
MeT-5a vs. JL-1	0.9978	ns	No
MeT-5a vs. STAV-AB	>0.9999	ns	No
MeT-5a vs. STAV-FCS	0.0002	***	Yes
MeT-5a vs. ZL34	< 0.0001	****	Yes
MeT-5a vs. DM-3	< 0.0001	****	Yes
Mero-25 vs. M-14-K	0.3752	ns	No
Mero-25 vs. JL-1	0.8144	ns	No
Mero-25 vs. STAV-AB	0.4524	ns	No
Mero-25 vs. STAV-FCS	0.1527	ns	No
Mero-25 vs. ZL34	< 0.0001	****	Yes
Mero-25 vs. DM-3	< 0.0001	****	Yes
M-14-K vs. JL-1	0.0106	*	Yes
M-14-K vs. STAV-AB	0.0016	**	Yes
M-14-K vs. STAV-FCS	0.9997	ns	No
M-14-K vs. ZL34	0.012	*	Yes
M-14-K vs. DM-3	< 0.0001	****	Yes
JL-1 vs. STAV-AB	0.9991	ns	No
JL-1 vs. STAV-FCS	0.0023	**	Yes
JL-1 vs. ZL34	< 0.0001	****	Yes
JL-1 vs. DM-3	< 0.0001	****	Yes
STAV-AB vs. STAV-FCS	0.0003	***	Yes
STAV-AB vs. ZL34	< 0.0001	****	Yes
STAV-AB vs. DM-3	< 0.0001	****	Yes
STAV-FCS vs. ZL34	0.0469	*	Yes
STAV-FCS vs. DM-3	< 0.0001	****	Yes
ZL34 vs. DM-3	0.0006	***	Yes

**Table S4.** A complete list of the significances of the data presented in Figure 5B, calculated by one-way ANOVA with Tukey's post hoc analysis.

	Α		
YAP Nuclear Localization			
Tukey's Multiple Comparisons Test	Adjusted <i>p</i> Value	Summary	Significant?
MeT-5a vs. Mero-25	0.9924	ns	No
MeT-5a vs. M-14-K	0.9785	ns	No
MeT-5a vs. JL-1	< 0.0001	****	Yes
MeT-5a vs. STAV-AB	>0.9999	ns	No
MeT-5a vs. STAV-FCS	< 0.0001	****	Yes
MeT-5a vs. ZL34	0.0009	***	Yes
MeT-5a vs. DM-3	< 0.0001	****	Yes
Mero-25 vs. M-14-K	>0.9999	ns	No
Mero-25 vs. JL-1	< 0.0001	****	Yes
Mero-25 vs. STAV-AB	0.9994	ns	No
Mero-25 vs. STAV-FCS	< 0.0001	****	Yes
Mero-25 vs. ZL34	0.0088	**	Yes
Mero-25 vs. DM-3	<0.0001	****	Yes
M-14-K vs II1	<0.0001	****	Yes
M-14-K vs STAV-AB	0.9972	ns	No
M-14-K vs. STAV-ECS	<0.0001	****	Ves
M-14-K vs. 517KV-1C5	0.0001	**	Ves
M 14 K vc DM 3	<0.0002	****	Vos
II 1 MC STAV AR	<0.0001	****	Vos
JL-1 VS. STAV-AD	0.0001		Tes No
JL-1 VS. STAV-FCS	0.9952	ns ****	INO X
JL-1 VS. ZL34	<0.0001 0.(F21		Ies N-
JL-1 VS. DIM-3	0.6521	ns	NO
SIAV-AB vs. SIAV-FCS	<0.0001	****	Yes
STAV-AB vs. ZL34	0.0025	**	Yes
STAV-AB vs. DM-3	<0.0001	****	Yes
STAV-FCS vs. ZL34	<0.0001	****	Yes
STAV-FCS vs. DM-3	0.2636	ns	No
ZL34 vs. DM-3	< 0.0001	****	Yes
	В		
Nuclear Shape	A 1º / 1 37 1	0	0
Tukey's Multiple Comparisons Test	Adjusted <i>p</i> Value	Summary	Significant?
Me1-5a vs. Mero-25	0.0007	***	Yes
MeT-5a vs. M-14-K	>0.9999	ns	No
MeT-5a vs. JL-1	0.9998	ns	No
MeT-5a vs. STAV-AB	0.0846	ns	No
MeT-5a vs. STAV-FCS	0.0143	*	Yes
MeT-5a vs. ZL34	< 0.0001	****	Yes
MeT-5a vs. DM-3	0.0003	***	Yes
Mero-25 vs. M-14-K		***	Yes
Mero-25 vs. IL-1	0.0007		
	0.0007 0.0001	***	Yes
Mero-25 vs. STAV-AB	0.0007 0.0001 0.7688	*** ns	Yes No
Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS	0.0007 0.0001 0.7688 0.9995	*** ns ns	Yes No No
Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34	0.0007 0.0001 0.7688 0.9995 <0.0001	*** ns ns ****	Yes No No Yes
Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3	0.0007 0.0001 0.7688 0.9995 <0.0001 <0.0001	*** NS NS ****	Yes No No Yes Yes
Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1	0.0007 0.0001 0.7688 0.9995 <0.0001 <0.0001 0.996	*** ns ns **** **** ns	Yes No No Yes Yes No
Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB	0.0007 0.0001 0.7688 0.9995 <0.0001 <0.0001 0.996 0.1056	*** ns ns **** **** ns ns	Yes No No Yes Yes No No
Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS	0.0007 0.0001 0.7688 0.9995 <0.0001 <0.0001 0.996 0.1056 0.0177	*** ns ns **** ns ns *	Yes No No Yes No No Yes
Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. ZL34	0.0007 0.0001 0.7688 0.9995 <0.0001 <0.0001 0.996 0.1056 0.0177 <0.0001	*** ns ns **** ns ns * *	Yes No No Yes No No Yes Yes
Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. ZL34 M-14-K vs. DM-3	0.0007 0.0001 0.7688 0.9995 <0.0001 <0.0001 0.996 0.1056 0.0177 <0.0001 <0.0001	*** ns ns **** ns ns * ****	Yes No No Yes No No Yes Yes Yes
Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. ZL34 M-14-K vs. DM-3 IL-1 vs. STAV-AB	$\begin{array}{c} 0.0007\\ 0.0001\\ 0.7688\\ 0.9995\\ < 0.0001\\ < 0.0001\\ 0.996\\ 0.1056\\ 0.0177\\ < 0.0001\\ < 0.0001\\ < 0.0001\\ 0.0249\end{array}$	*** NS NS **** NS NS * **** **** ****	Yes No No Yes No No Yes Yes Yes Yes
Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. DM-3 JL-1 vs. STAV-AB IL-1 vs. STAV-FCS	$\begin{array}{c} 0.0007\\ 0.0001\\ 0.7688\\ 0.9995\\ < 0.0001\\ < 0.0001\\ 0.996\\ 0.1056\\ 0.0177\\ < 0.0001\\ < 0.0001\\ < 0.0001\\ 0.0249\\ 0.0038\end{array}$	*** NS NS **** NS NS NS * **** **** *	Yes No No Yes No No Yes Yes Yes Yes Yes
Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. DM-3 JL-1 vs. STAV-AB JL-1 vs. STAV-FCS IL-1 vs. STAV-FCS	$\begin{array}{c} 0.0007\\ 0.0001\\ 0.7688\\ 0.9995\\ < 0.0001\\ < 0.0001\\ 0.996\\ 0.1056\\ 0.0177\\ < 0.0001\\ < 0.0001\\ < 0.0001\\ 0.0249\\ 0.0038\\ < 0.0001\\ \end{array}$	*** NS NS **** NS NS NS * **** **** * ****	Yes No No Yes No No Yes Yes Yes Yes Yes Yes
Mero-25 vs. STAV-AB Mero-25 vs. STAV-FCS Mero-25 vs. ZL34 Mero-25 vs. DM-3 M-14-K vs. JL-1 M-14-K vs. STAV-AB M-14-K vs. STAV-FCS M-14-K vs. ZL34 M-14-K vs. DM-3 JL-1 vs. STAV-FCS JL-1 vs. STAV-FCS JL-1 vs. ZL34 IL-1 vs. DM-3	$\begin{array}{c} 0.0007\\ 0.0001\\ 0.7688\\ 0.9995\\ < 0.0001\\ < 0.0001\\ 0.996\\ 0.1056\\ 0.0177\\ < 0.0001\\ < 0.0001\\ < 0.0001\\ 0.0249\\ 0.0038\\ < 0.0001\\ 0.0024\\ \end{array}$	*** NS NS **** NS NS NS * **** * **** * ***	Yes No No Yes No No Yes Yes Yes Yes Yes Yes Yes

**Table S5.** A complete list of the significances of the data presented in Figure 7B–E, calculated by one-way ANOVA with Tukey's post hoc analyses.

< 0.0001	****	Yes
< 0.0001	****	Yes
< 0.0001	****	Yes
< 0.0001	****	Yes
0.001	***	Yes
С		
Adjusted <i>p</i> Value	Summary	Significant?
0.0003	***	Yes
0.9418	ns	No
0.5708	ns	No
0.8904	ns	No
0.7795	ns	No
< 0.0001	****	Yes
0.0209	*	Yes
0.0105	*	Yes
< 0.0001	****	Yes
0.0307	*	Yes
0.1907	ns	No
< 0.0001	****	Yes
< 0.0001	****	Yes
0.0393	*	Yes
>0.9999	ns	No
0.9991	ns	No
< 0.0001	****	Yes
0.0001	***	Yes
0.0308	*	Yes
0.0283	*	Yes
0.0036	**	Yes
0.805	ns	No
>0.9999	ns	No
< 0.0001	****	Yes
0.0001	***	Yes
<0.0001	****	Yes
0.0002	***	Yes
0.4475		 NT
0.4475	ns	No
0.4475 D	ns	No
0.4475 D	ns	No
0.4475 D Adjusted <i>p</i> Value	ns Summary	No Significant?
0.4475 D Adjusted <i>p</i> Value 0.0049	ns Summary **	No Significant? Yes
0.4475 D Adjusted <i>p</i> Value 0.0049 <0.0001	ns Summary ** ****	No Significant? Yes Yes
0.4475 D Adjusted <i>p</i> Value 0.0049 <0.0001 0.2205 0.0001	ns Summary ** ***** ns	No Significant? Yes Yes No
0.4475 D Adjusted <i>p</i> Value 0.0049 <0.0001 0.2205 <0.0001	ns Summary ** **** ns ****	No Significant? Yes Yes No Yes
0.4475 D Adjusted <i>p</i> Value 0.0049 <0.0001 0.2205 <0.0001 0.0009 0.0452	ns Summary ** **** ns **** ****	No Significant? Yes Yes No Yes Yes
0.4475 D Adjusted <i>p</i> Value 0.0049 <0.0001 0.2205 <0.0001 0.0009 0.0453	ns Summary ** **** ns **** **** ***	No Significant? Yes Yes No Yes Yes Yes
0.4475 D Adjusted <i>p</i> Value 0.0049 <0.0001 0.2205 <0.0001 0.0009 0.0453 <0.0001	ns Summary ** **** ns **** *** * ***	No Significant? Yes Yes No Yes Yes Yes Yes
0.4475 D Adjusted <i>p</i> Value 0.0049 <0.0001 0.2205 <0.0001 0.0009 0.0453 <0.0001 0.9458	ns Summary ** **** ns **** * **** * * *	No Significant? Yes Yes No Yes Yes Yes Yes No
0.4475 D Adjusted <i>p</i> Value 0.0049 <0.0001 0.2205 <0.0001 0.0009 0.0453 <0.0001 0.9458 0.8847	ns Summary ** **** ns **** * **** * * ****	No Significant? Yes Yes No Yes Yes Yes Yes No No
0.4475 D Adjusted <i>p</i> Value 0.0049 <0.0001 0.2205 <0.0001 0.0009 0.0453 <0.0001 0.9458 0.8847 <0.0001 0.0001	ns Summary ** **** ns **** * * * * * * * * * * *	No Significant? Yes Yes No Yes Yes Yes Yes No No Yes
0.4475 D Adjusted <i>p</i> Value 0.0049 <0.0001 0.2205 <0.0001 0.0009 0.0453 <0.0001 0.9458 0.8847 <0.0001 0.9984 0.09984 0.0001	ns Summary ** **** ns ns **** ns ns ****	No Significant? Yes Yes No Yes Yes Yes No No Yes No
0.4475 D Adjusted p Value 0.0049 <0.0001 0.2205 <0.0001 0.0009 0.0453 <0.0001 0.9458 0.8847 <0.0001 0.9984 <0.0001 0.9984 <0.0001 0.9984	ns Summary ** **** ns **** ns ns **** ns **** ns ****	No Significant? Yes Yes No Yes Yes Yes No No Yes No Yes
0.4475 D Adjusted p Value 0.0049 <0.0001 0.2205 <0.0001 0.0009 0.0453 <0.0001 0.9458 0.8847 <0.0001 0.9984 <0.0001 <0.9984 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0	ns Summary ** **** ns **** ns ns **** ns **** ns **** ***	No Significant? Yes Yes No Yes Yes Yes No No Yes No Yes No Yes
0.4475 D Adjusted p Value 0.0049 <0.0001 0.2205 <0.0001 0.0009 0.0453 <0.0001 0.9458 0.8847 <0.0001 0.9984 <0.0001 <0.9984 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0000 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0	ns Summary ** **** ns **** ns ns **** ns **** ns **** ns **** ns ****	No Significanta Yes Yes No Yes Yes No No Yes No Yes No Yes No
0.4475 D Adjusted p Value 0.0049 <0.0001 0.2205 <0.0001 0.0205 <0.0001 0.0453 <0.0001 0.9458 0.8847 <0.0001 0.9984 <0.0001 <0.9984 <0.0001 <0.9984 <0.0001 <0.0001 <0.0001 <0.1418 0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0	ns Summary ** **** ns **** ns ns **** ns **** ns **** ns **** **** ns ****	No Significant? Yes Yes No Yes Yes Yes No No Yes No Yes No Yes No Yes
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	<ul> <li>&lt;0.0001</li> <li>&lt;0.0001</li> <li>&lt;0.0001</li> <li>&lt;0.0001</li> <li>&lt;0.0001</li> <li>&lt;0.001</li> <li></li> <li></li></ul>	<0.0001

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JL-1 vs. ZL34	< 0.0001	****	Yes
JL-1 vs. DM-3	< 0.0001	****	Yes
STAV-AB vs. STAV-FCS	0.0008	***	Yes
STAV-AB vs. ZL34	< 0.0001	****	Yes
STAV-AB vs. DM-3	< 0.0001	****	Yes
STAV-FCS vs. ZL34	< 0.0001	****	Yes
STAV-FCS vs. DM-3	< 0.0001	****	Yes
ZL34 vs. DM-3	< 0.0001	****	Yes
	Е		
Nuclear Area			
Tukey's Multiple Comparisons Test	Adjusted <i>p</i> Value	Summary	Significant
MetT-5a vs. Mero-25	0.2874	ns	No
MetT-5a vs. M-14-K	< 0.0001	****	Yes
MetT-5a vs. JL-1	0.5501	ns	No
MetT-5a vs. STAV-AB	< 0.0001	****	Yes
MetT-5a vs. STAV-FCS	0.0503	ns	No
MetT-5a vs. ZL34	>0.9999	ns	No
MetT-5a vs. DM-3	< 0.0001	****	Yes
Mero-25 vs. M-14-K	0.4344	ns	No
Mero-25 vs. JL-1	0.9998	ns	No
Mero-25 vs. STAV-AB	< 0.0001	****	Yes
Mero-25 vs. STAV-FCS	0.9911	ns	No
Mero-25 vs. ZL34	0.1457	ns	No
Mero-25 vs. DM-3	< 0.0001	****	Yes
M-14-K vs. JL-1	0.1489	ns	No
M-14-K vs. STAV-AB	0.0138	*	Yes
M-14-K vs. STAV-FCS	0.969	ns	No
M-14-K vs. ZL34	< 0.0001	****	Yes
M-14-K vs. DM-3	< 0.0001	****	Yes
JL-1 vs. STAV-AB	< 0.0001	****	Yes
JL-1 vs. STAV-FCS	0.9068	ns	No
JL-1 vs. ZL34	0.3477	ns	No
JL-1 vs. DM-3	< 0.0001	****	Yes
STAV-AB vs. STAV-FCS	0.0023	**	Yes
STAV-AB vs. ZL34	< 0.0001	****	Yes
STAV-AB vs. DM-3	< 0.0001	****	Yes
STAV-FCS vs. ZL34	0.0182	*	Yes
STAV-FCS vs. DM-3	< 0.0001	****	Yes
ZL34 vs. DM-3	< 0.0001	****	Yes

Cell Line	Origin	Phenotype	Original Reference
MeT-5a	Pleural fluids from non-cancerous male donor. Transfected with pRSV-T plasmid (SV40 early T antigen)	epithelial	[1]
Mero-25	Autopsy from 60 year-old male donor. Asbestos-related	epithelioid	[2]
STAV-AB	Pleural fluid from 59 year-old male donor.	epithelioid	[3]
STAV-FCS	same as STAV-AB	biphasic, fibroblastic	[3]
M-14-K	Fibrous pleural tumor from male smoker. Asbestos-related	epithelioid, biphasic	[4]
ZL34	Fibrous tumor of pleural cavity from 53 year-old male donor. Asbes- tos-related	biphasic	[5]
JL-1	Biopsy from a 54 year-old male donor. Asbestos-related.	epithelioid, biphasic	[6]
DM-3	Biopsy from a 62 year-old male donor. Asbestos-related.	sarcomatoid	[6]



Figure S1. Visualization of actin caps.



Figure S2. Visualization of microtubule ends.



Figure S3. Visualization of nestin intermediate filaments.



Figure S4. Nuclear area.

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