

Allen Institute for Cell Science– organelle labeled lines<https://www.coriell.org/1/AllenCellCollection><http://www.allencell.org>

<u>Line #</u>	<u>gene labeled</u>	<u>cell location</u>	<u>color</u>
AICS-5	Paxillin (PXN)	focal adhesion	green
AICS-10	Sec61 translocon β subunit (SEC61B)	endoplasmic reticulum	green
AICS-11	Translocase of outer mitochondrial membrane 20 (TOMM20)	mitochondria	green
AICS-12	Tubulin α 1b (TUBA1B)	tubulin	green
AICS-13	Lamin B1 (LMNB1)	nuclear lamina	green
AICS-14	Fibrillarin (FBL)	nucleolus	green
AICS-16	Actin β (ACTB)	actin	green
AICS-17	Desmoplakin (DSP)	desmosome	green
AICS-22-037	Lysosomal associated membrane protein 1 (LAMP1)	lysosome	green
AICS-23	Tight junction protein 1 (TJP1)	cell membrane	green
AICS-24	Myosin heavy chain 10 (MYH10)	non-muscle myosin	green
AICS-25-044	ST6 β -galactoside α -2,6-sialyltransferase 1 (ST6GAL1)	Golgi	green
AICS-30-022	Microtubule-associated protein 1 (MAP1LC3B)	Autophagosomes	green
AICS-31-035	Tubulin α 1b (TUBA1B)	tubulin	red
AICS-32-019	Centrin 2 (CETN2)	centrosome	red
AICS-33-115	Peroxisomal Membrane Protein (SLC25A17)	peroxisomes	green

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AICS-36-006	AAVS1	safe harbor locus	green
AICS-37-172	Troponin I1 (TNNI1)	Sarcomeric thin filament	green
AICS-40-035	Ras-associated Protein Rab5A (RAB5a)	Endosomes	green
AICS-46-051	ATPase sarcoplasmic/ Endoplasmic reticulum Ca ²⁺ Transporting 2 (ATP2A2)	Sarcoplasmic Reticulum	green
AICS-48-039	Titin, Connectin (TTN)	Sarcomere	green
AICS-52-003	Myosin light chain 7 (MYL7)	Sarcomeric thick filament	green
AICS-59-036	Sec61 translocon β subunit (SEC61B)/Lamin B1 (LMNB1)	Endoplasmic Reticulum Nuclear lamina	green/red
AICS-60-027	Myosin light chain 2 (MYL2)	Sarcomeric thick filament	green
AICS-75-085	Alpha-actinin-2 (ACTN2)	Actin filaments	green

*Contact Jenn Hesson to request cells within University of Washington community.
Lines not listed obtained upon request.*