

Recommended Model Organism Video Acquisition Parameters

Workflow/ Purpose	Imaging Parameter	Recommended Setting
Morphology	Imaging Mode	High Resolution, Bin1
	Transmission Illumination	Transmission Brightfield
	Exposure	10 milliseconds
	Brightness	30%
	Digital Gain	1.0
	Analog Gain	1.0
Motion Tracking Behavioral Analysis	Imaging Mode	High Frame Rate, Bin4
	Transmission Illumination	Transmission IR850
	Exposure	2 milliseconds
	Brightness	60%
	Digital Gain	2.0
	Analog Gain	1.0