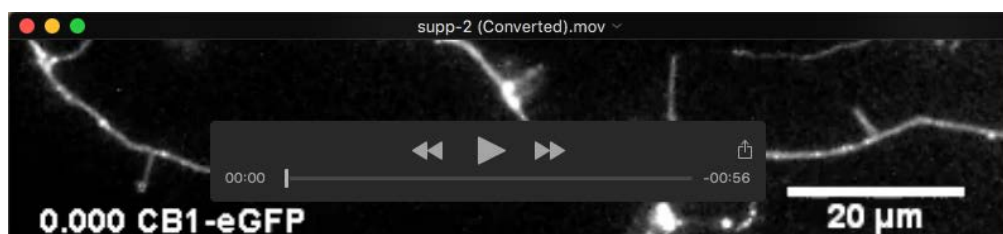


Movie 1. CB1-eGFP axonal transport in a *KLC1*^{+/+} neuron. Representative live-cell movie of *KLC1*^{+/+} hippocampal neuron at DIV7-8 expressing the construct CB1R-eGFP showing the axonal transport of CB1R⁺ vesicles. Movie shows the time in seconds (8 frames/sec) and oriented so that right-to-left moving vesicles correspond to anterograde transport and left-to-right correspond to retrograde. Scale bar: 20 μ m.



Movie 2. CB1-eGFP axonal transport in a *KLC1*^{-/-} neuron. Representative live-cell movie of *KLC1*^{-/-} hippocampal neuron at DIV7-8 expressing the construct CB1R-eGFP showing the axonal transport of CB1R⁺ vesicles. Movie shows the time in seconds (8 frames/sec) and is oriented so that right-to-left moving vesicles correspond to anterograde transport and left-to-right correspond to retrograde. Scale bar: 20 μ m.



Movie 3. CB1-eGFP axonal transport in a *KLC1*^{-/-} neuron transfected with pcDNA-KLC1-Tap-Tag. Representative live-cell movie of *KLC1*^{-/-} hippocampal neuron at DIV7-8 expressing the construct CB1R-eGFP and pcDNA-KLC1-Tap-Tag showing the axonal transport of CB1R⁺ vesicles. Movie shows the time in seconds (8 frames/sec) and is oriented so that right-to-left moving vesicles correspond to anterograde transport and left-to-right correspond to retrograde. Scale bar: 20 μ m.