

## Live Light Sheet “Do Not Walk Away Until...” Checklist

Date: \_\_\_\_\_

incubation instrument has sufficient coolant level						
correct objectives install and RI set correctly						
sample tank sanitized, is dry on top surface						
incubation is running at 37C and 5% CO2						
incubation connections not leaking / o-ring problem						
medium level in sample tank is good, with no apparent leaks						
stopcocks in correct position						
parafilm placed to support piston rod						
supplemental ddH2O setup is adequate with correct levels						
supplemental ddH2O is primed and running						
tank cover in place to prevent dehydration						
lightsheets in good alignment						
objective zoom is correct						
laser power setting is appropriate for the stage and experimental plan						
embryo position and view angles are good, with ROI near center of each image stack						
multiview set-ups established correctly and in proper order						
time lapse imaging set-up at 6 minute intervals with sufficient time points requested						
sufficient hard drive space on destination						
→ imaging go live: first timepoint capturing correctly						
second timepoint appears to be capturing correctly						
script positioning appears to be working						
signs posted indicating hazardous chemicals, do not move, and on workstation						