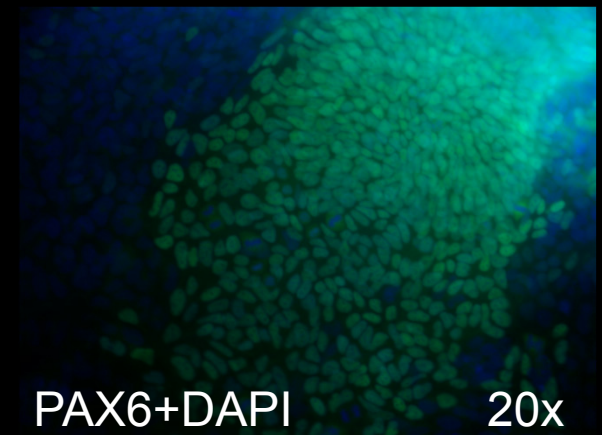
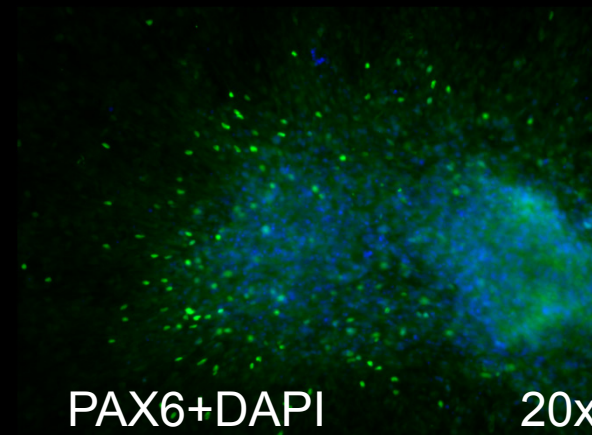
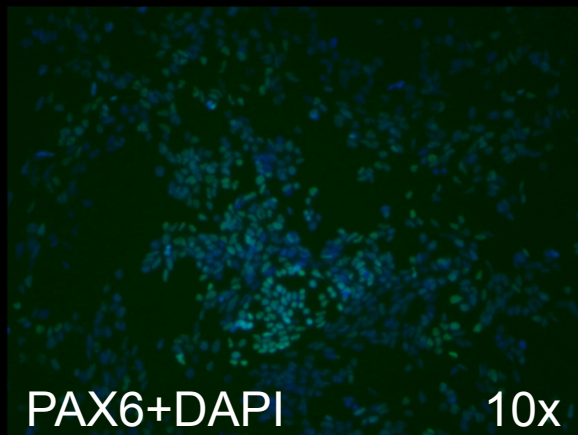
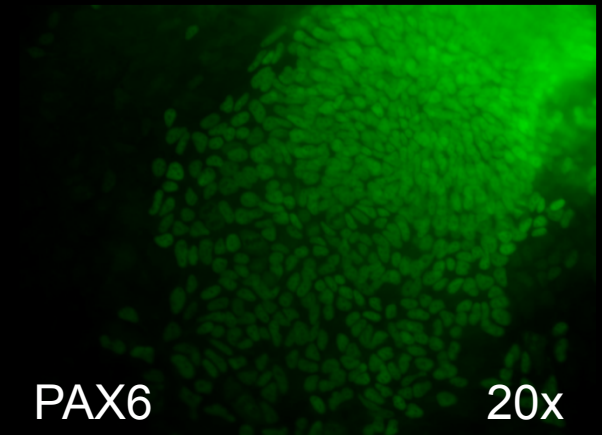
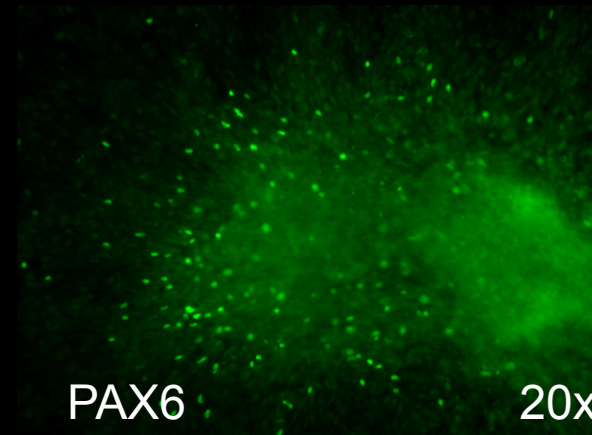
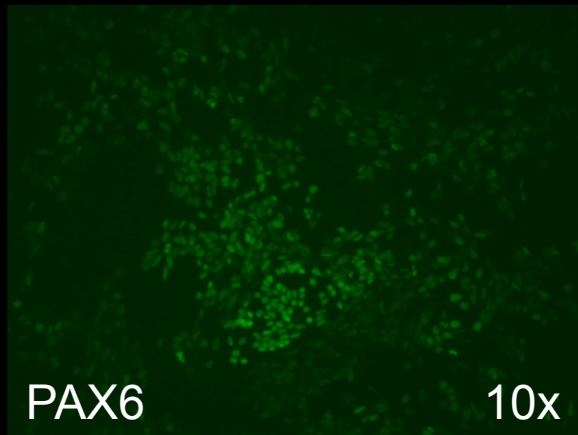


Neural Progenitor Markers for Controls

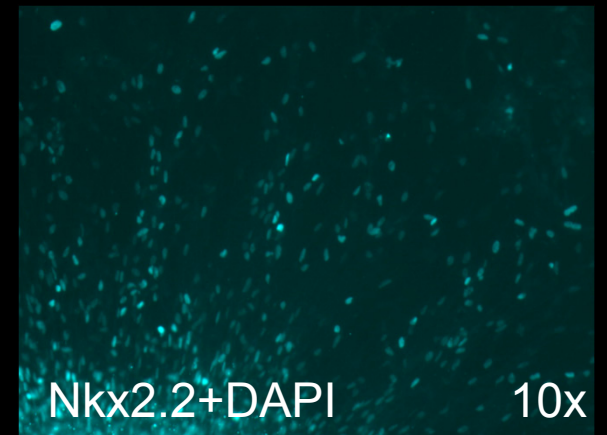
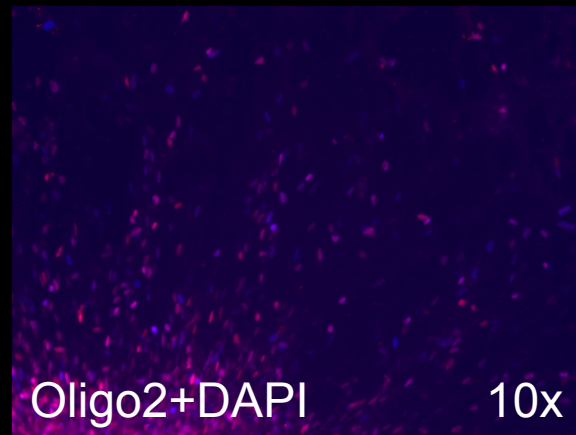
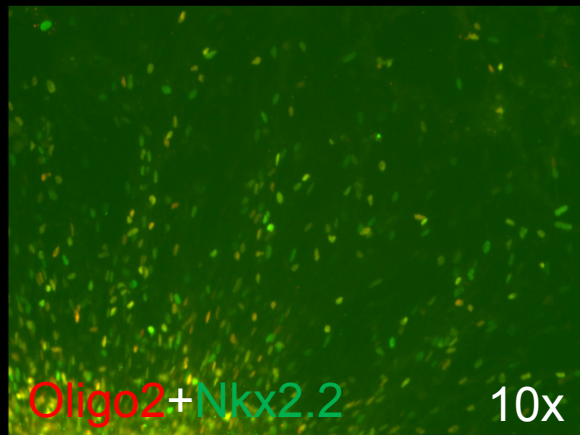
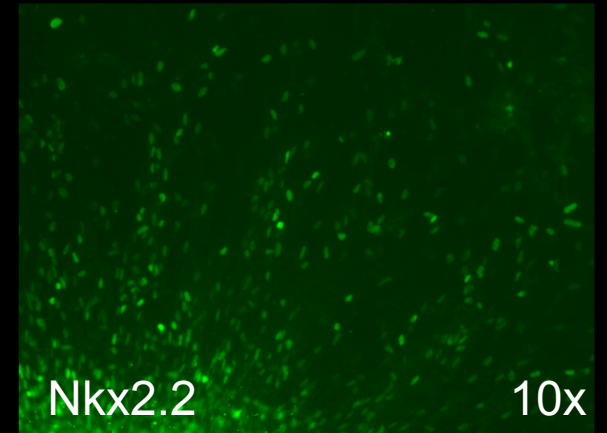
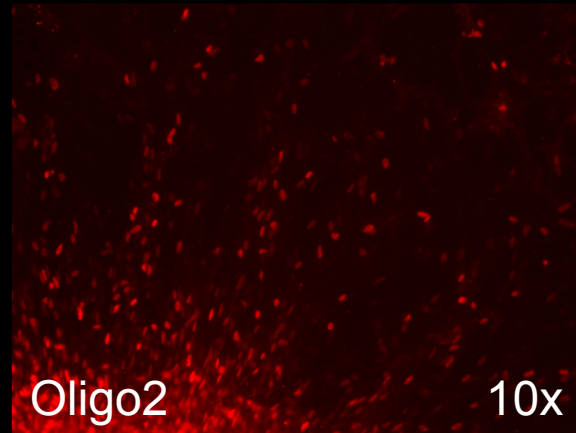
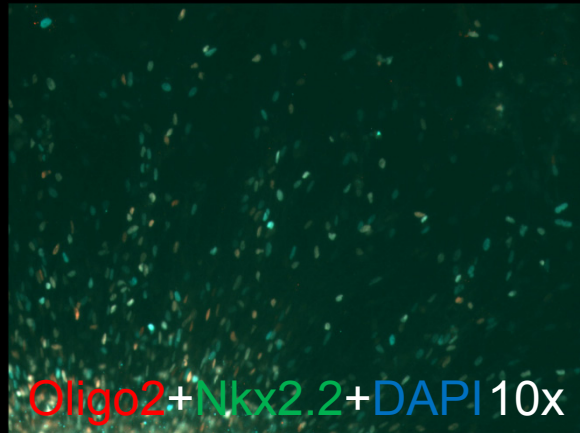


Control1
iPS1-derived

Control2
iPS3-derived

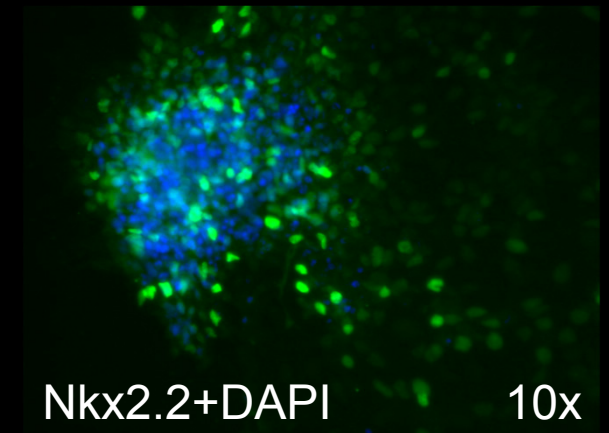
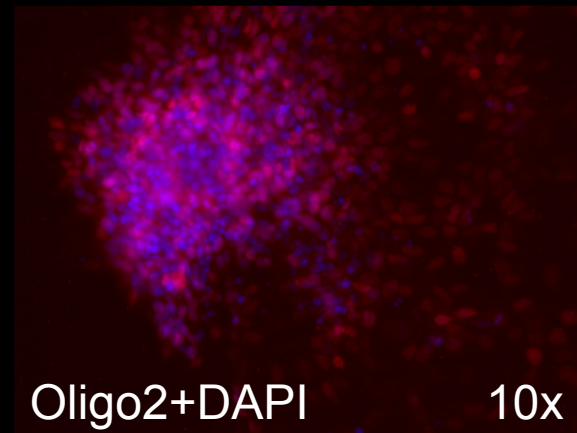
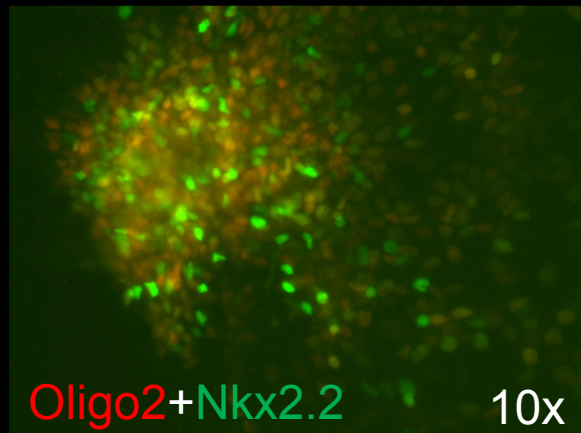
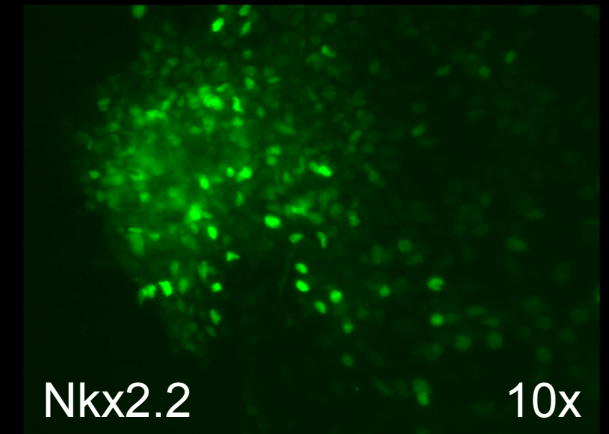
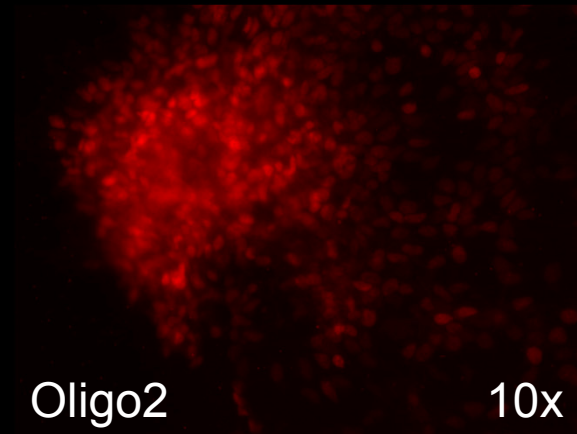
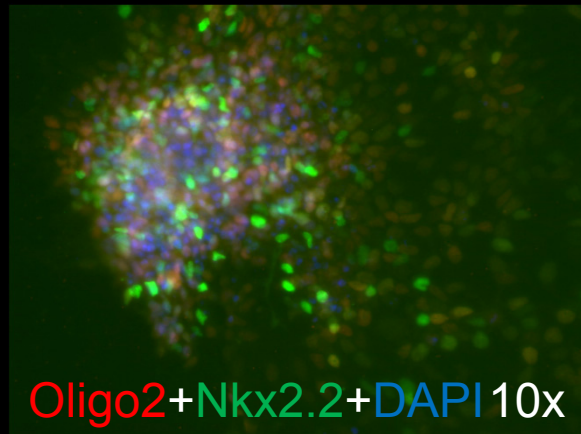
Control2
iPS3-derived

Motor Neuron Progenitor Markers for Controls



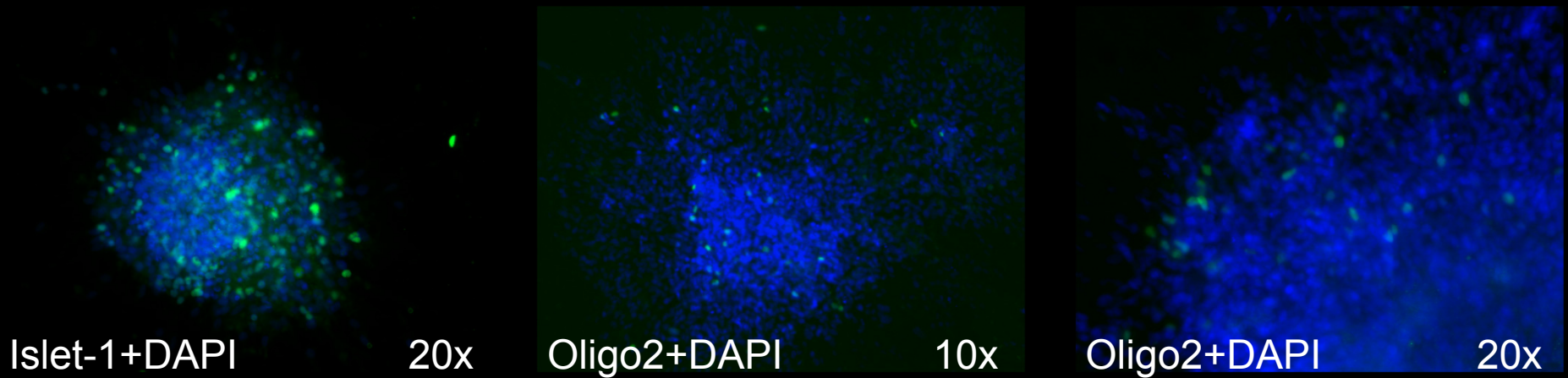
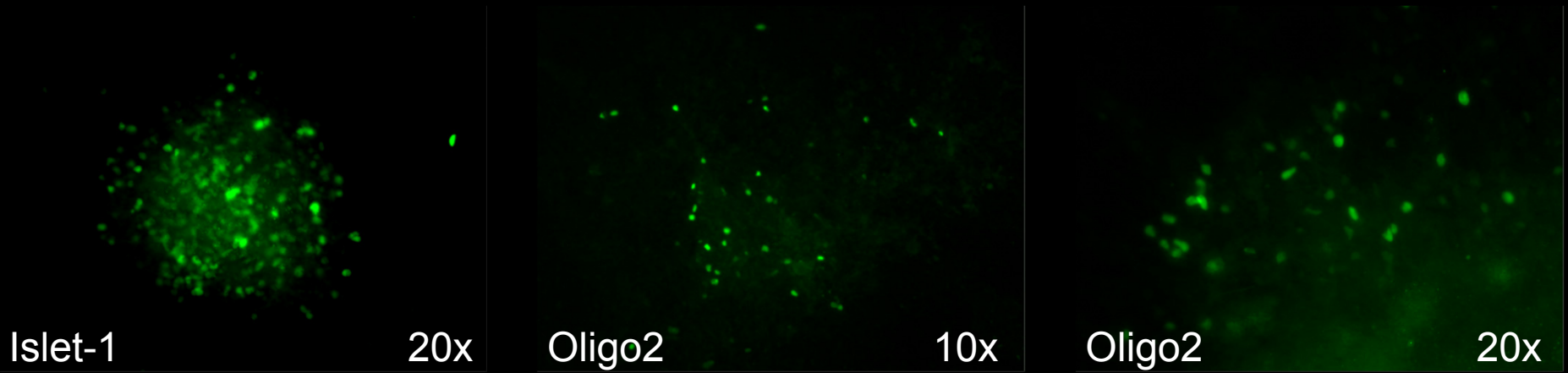
All Control1iPS1-derived

Motor Neuron Progenitor Markers for Controls



All Control2 iPS3-derived

Motor Neuron Progenitor Markers for Controls

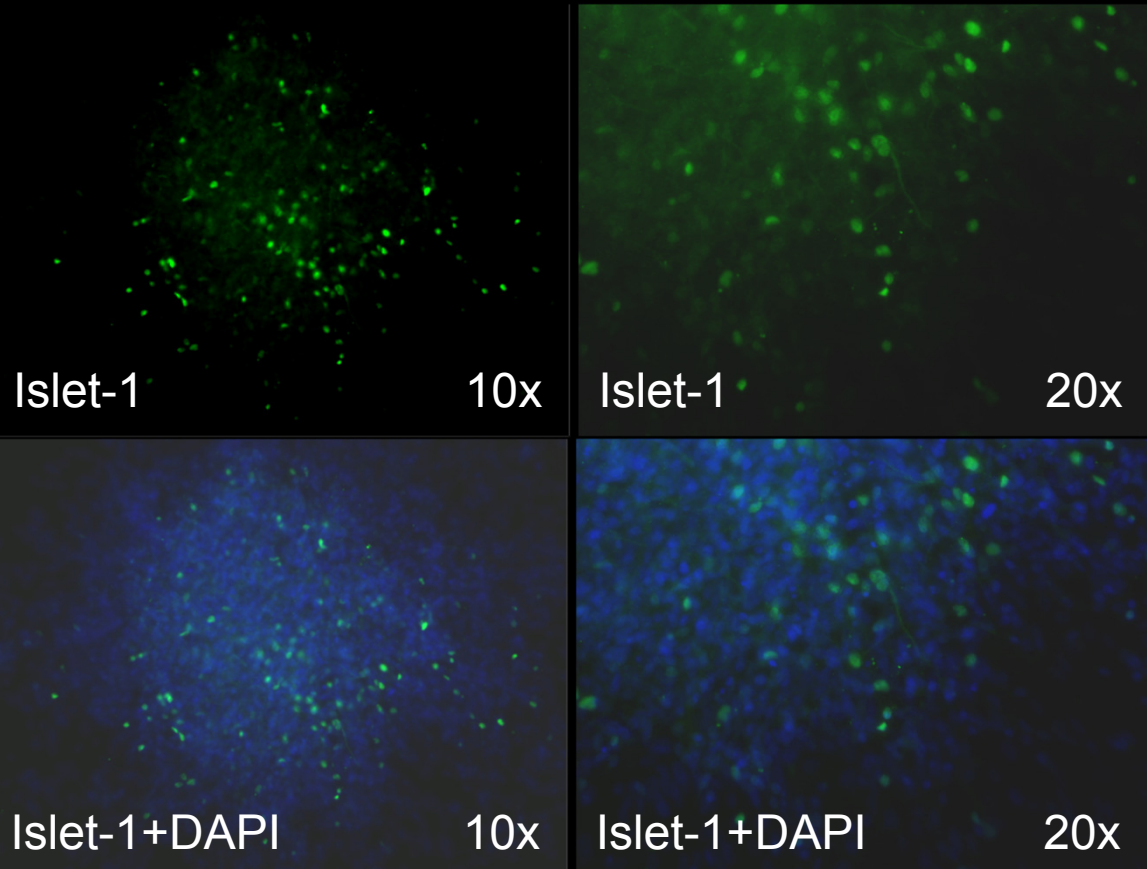


**Control2 iPS1-
derived**

**Control2 iPS3-
derived**

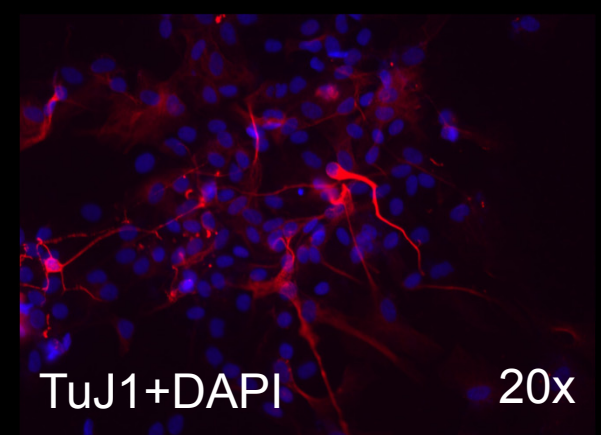
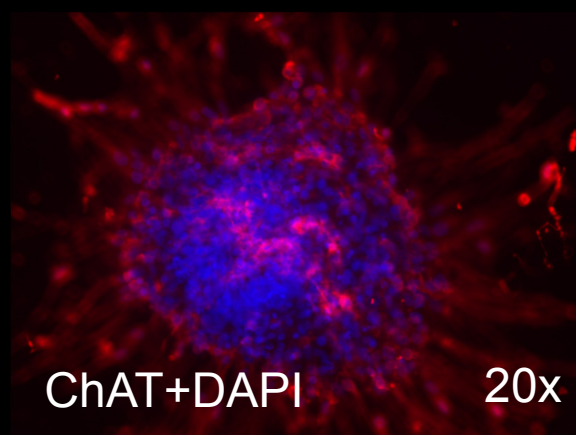
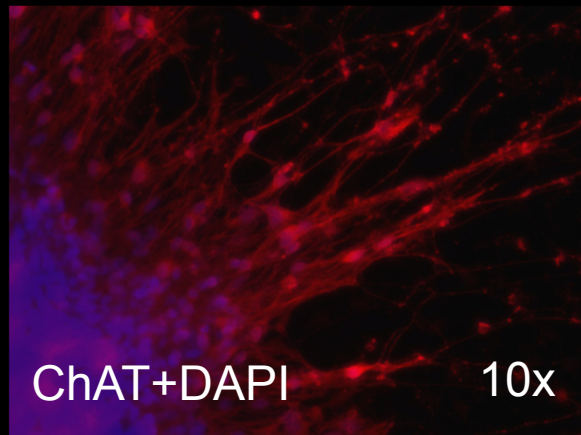
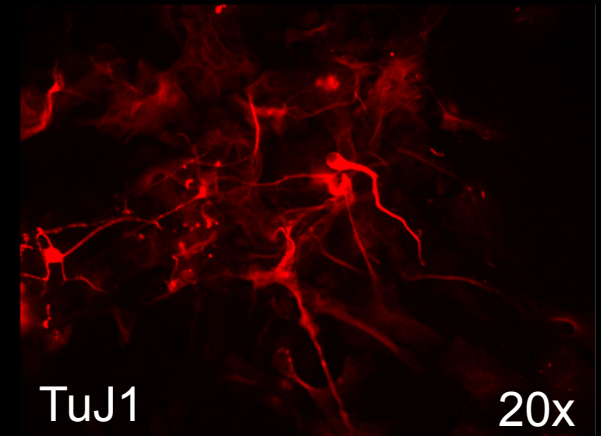
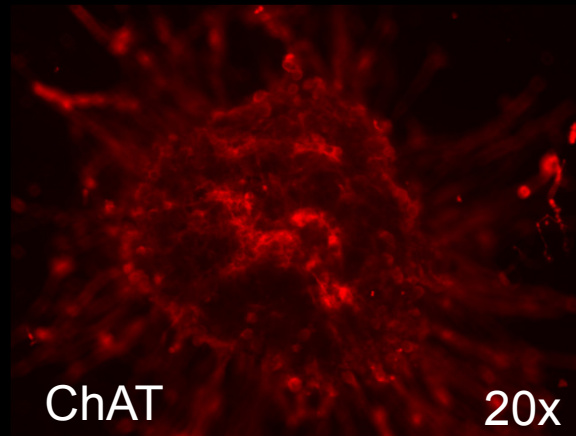
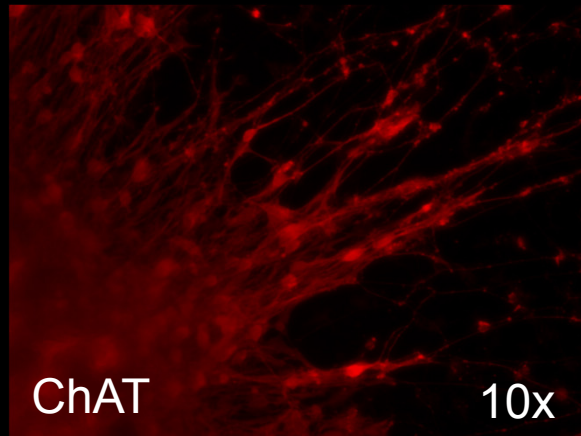
**Control2 iPS3-
derived**

Motor Neuron Progenitor Markers for Controls



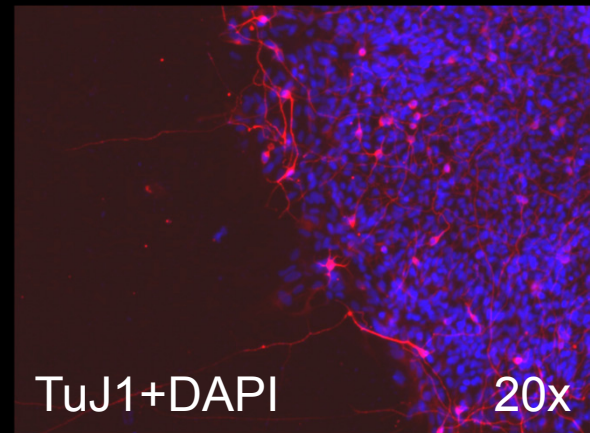
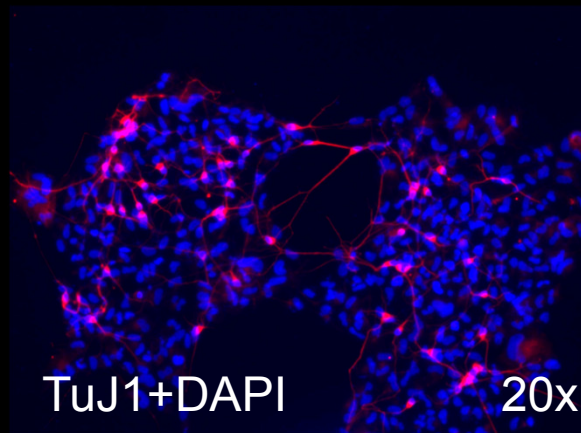
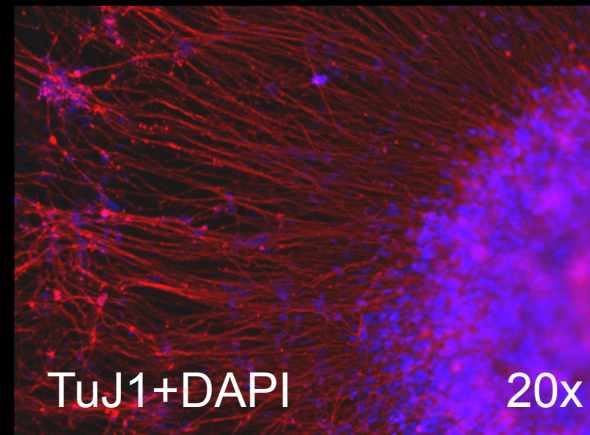
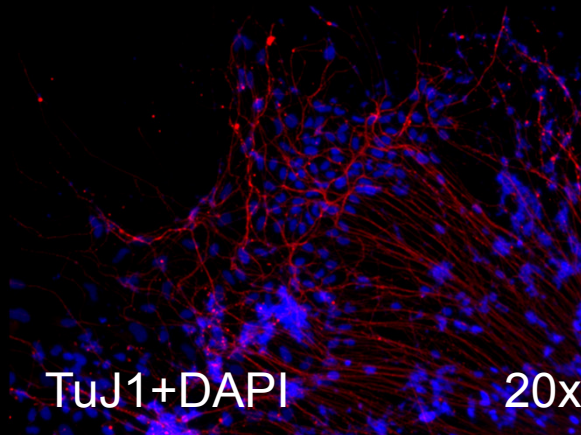
All Control2 iPS3-derived

Neuron Markers for Controls



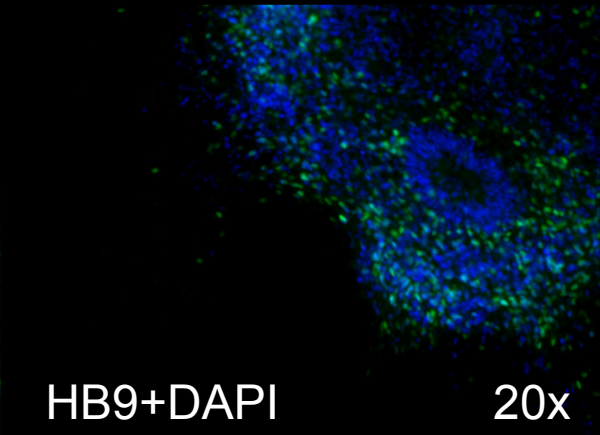
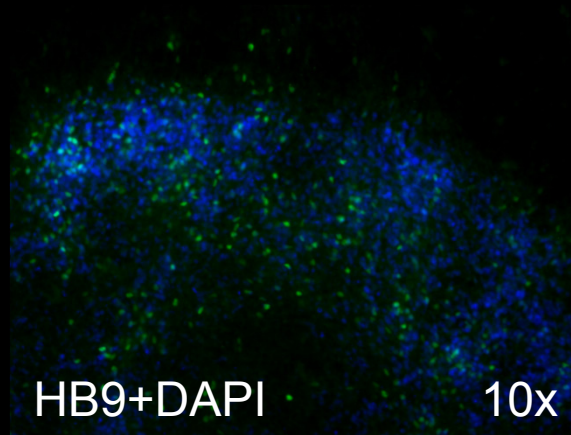
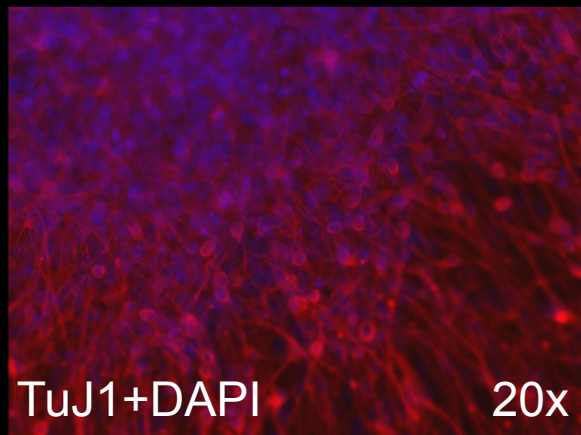
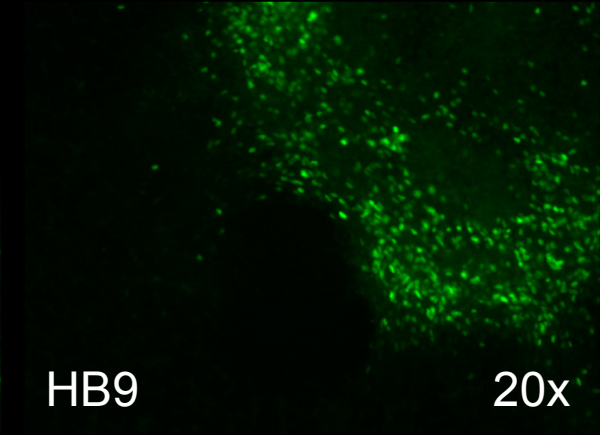
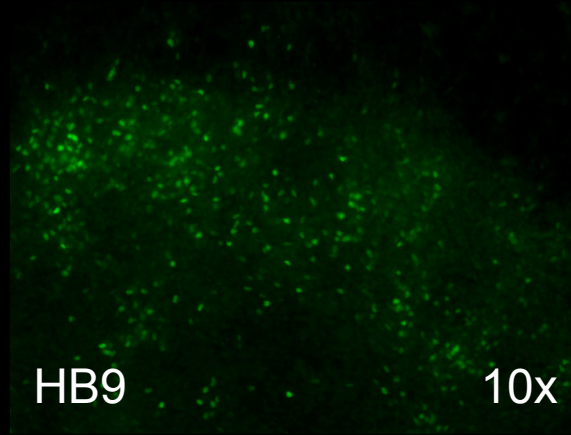
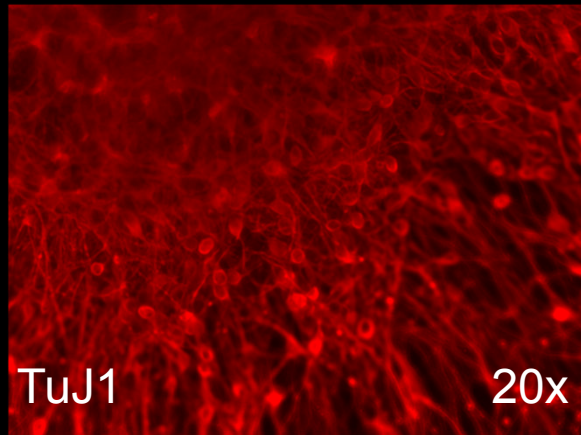
All are Control2 iPS1-derived

Neuron Markers for Controls



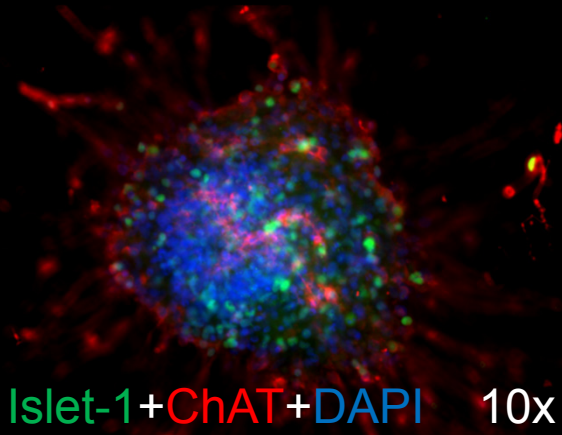
All are Control2 iPS3-derived

Neuron Markers for Controls

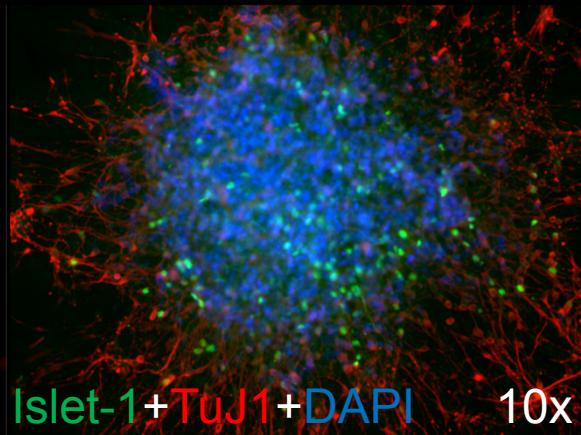


All are Control2 iPS3-derived

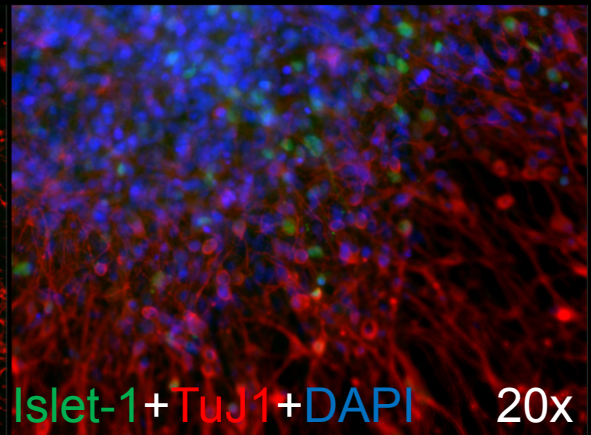
Neuron Markers for Controls



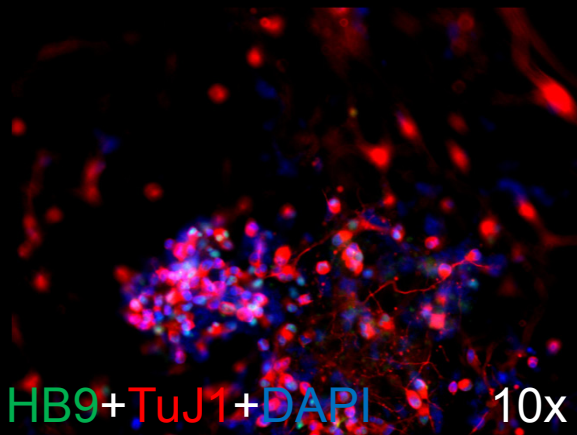
Control2 iPS1-derived



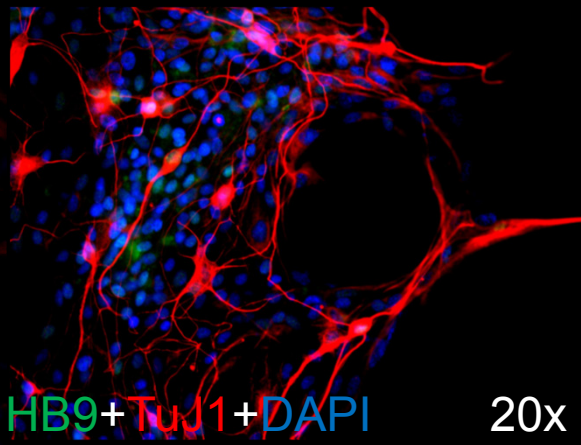
Control2 iPS3-derived



Control2 iPS3-derived

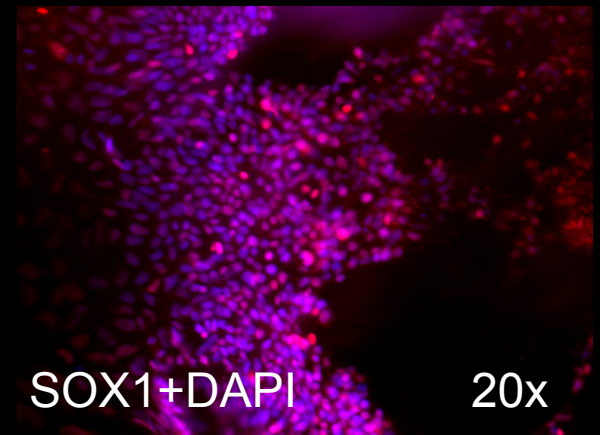
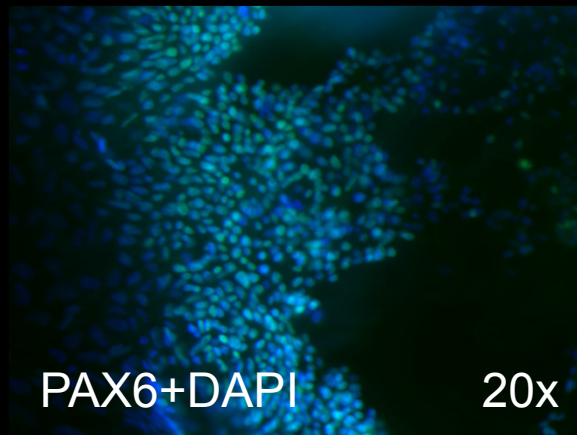
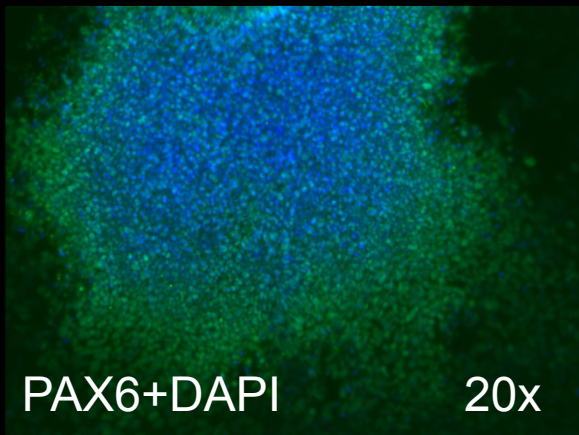
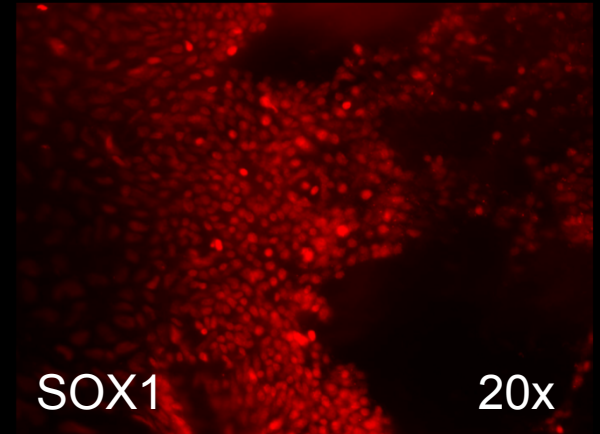
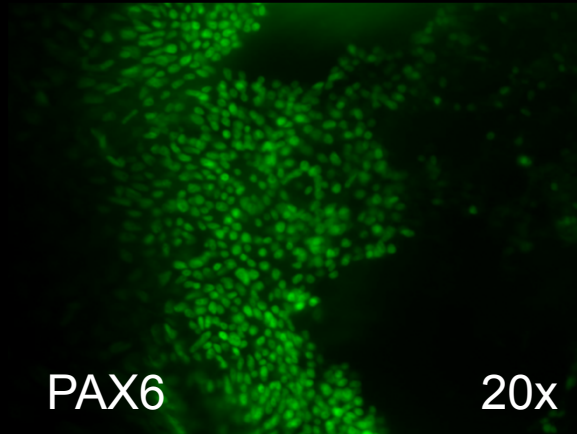
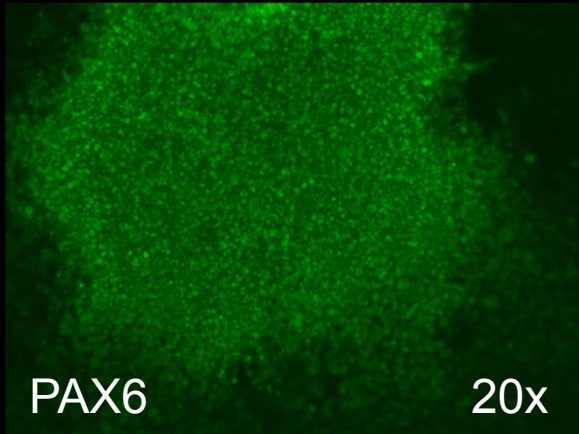


Control2 iPS3-derived



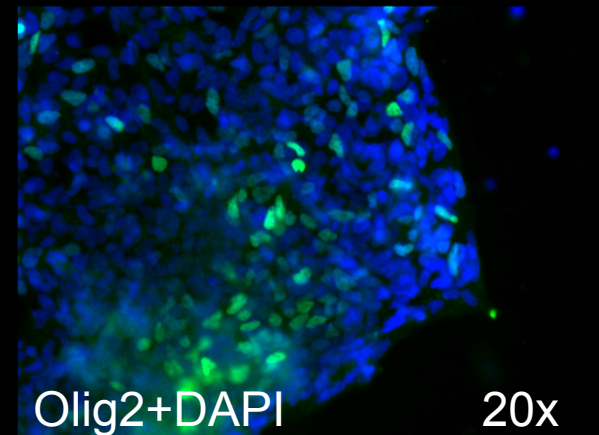
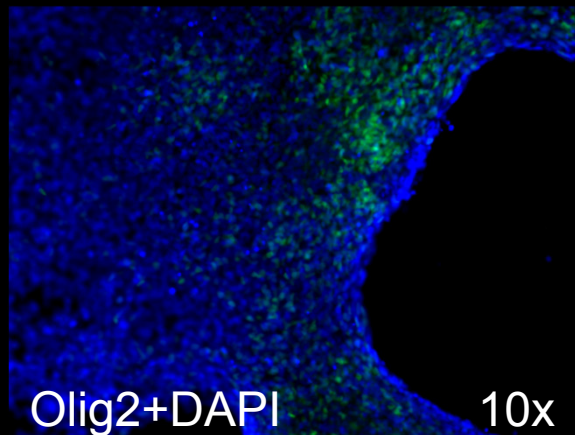
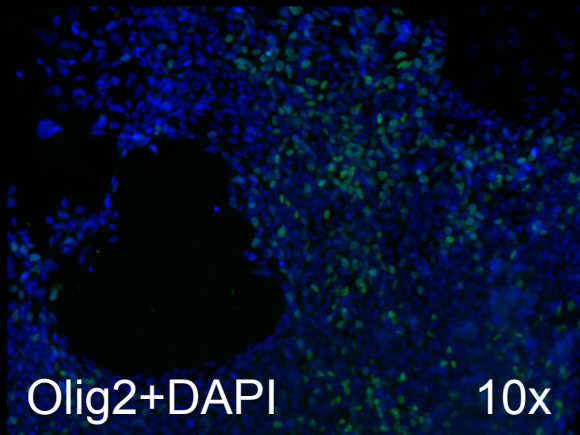
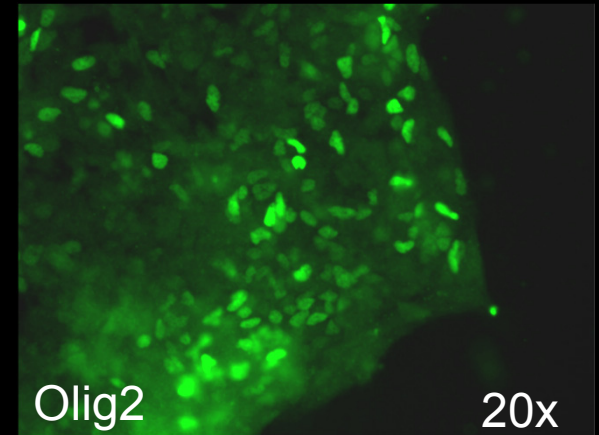
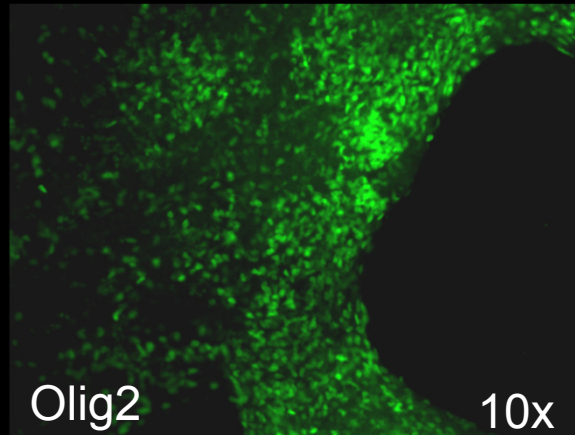
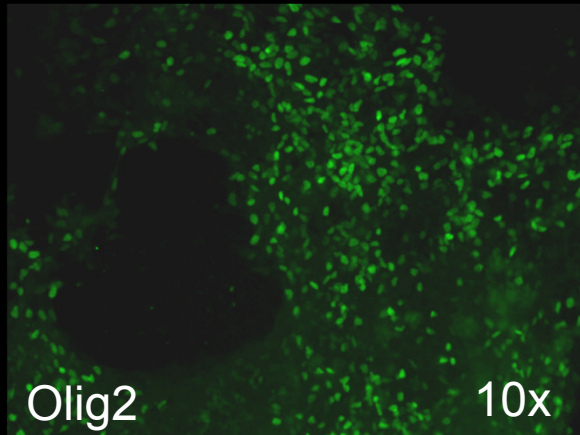
Control2 iPS3-derived

Neural Progenitor Markers for PBD-ZSD Patients



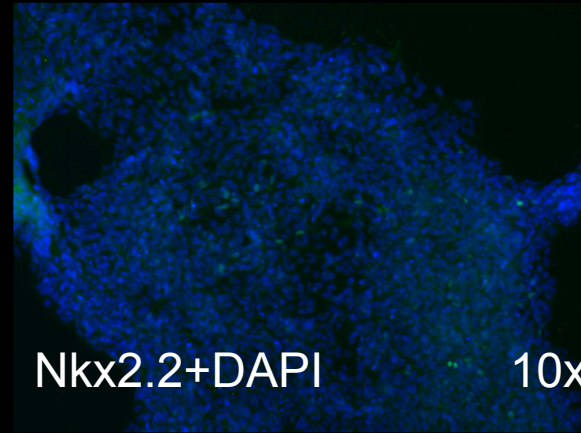
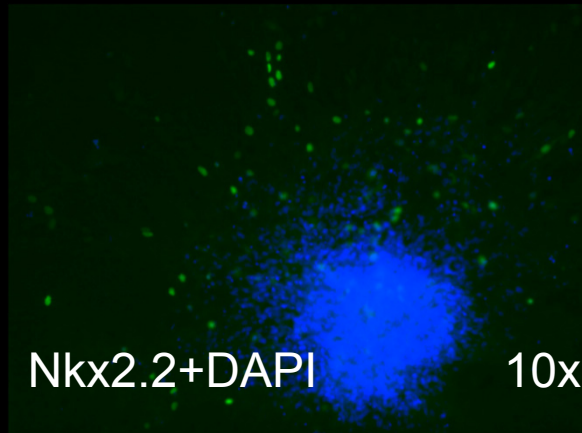
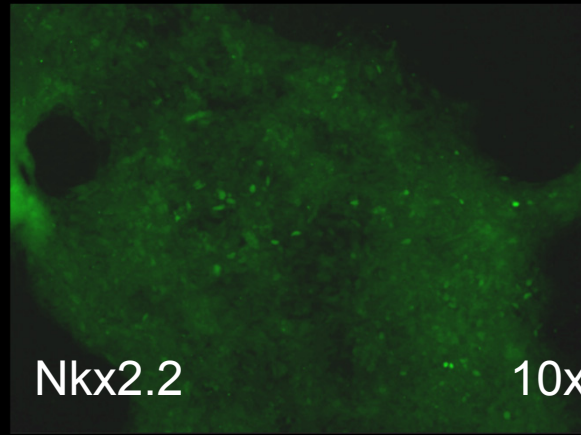
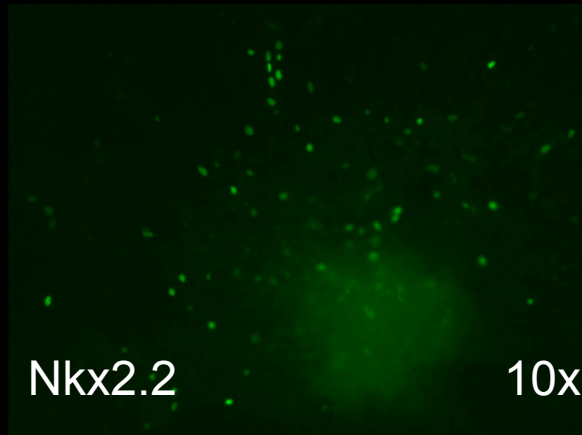
All PBD_PEX1ms1 iPS3-derived

Motor Neuron Progenitor Markers for PBD Patients



All PBD_PEX12 iPS2-derived

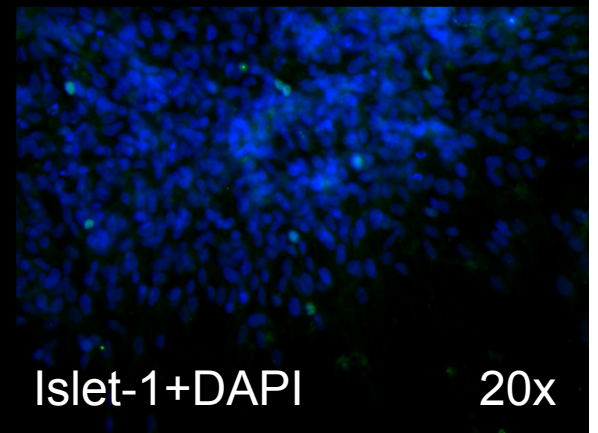
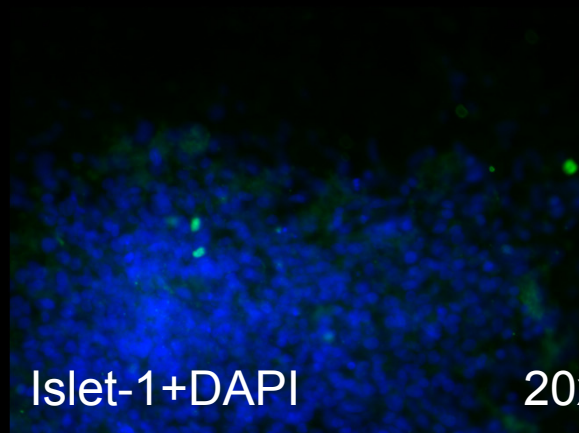
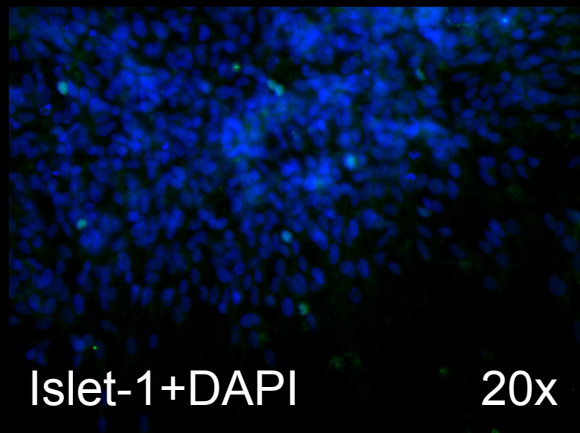
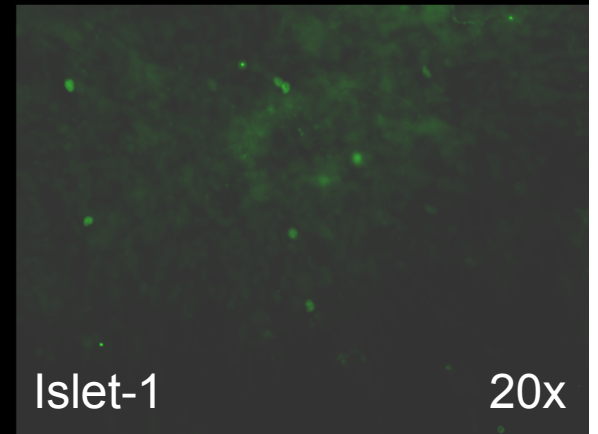
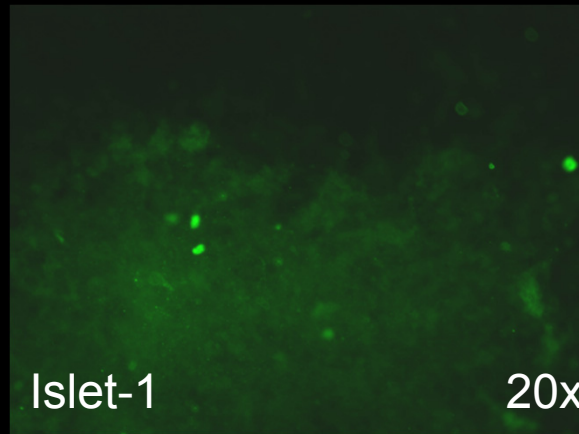
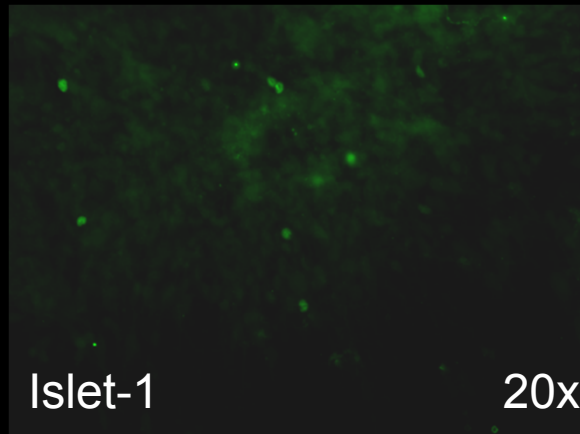
Motor Neuron Progenitor Markers for PBD Patients



PBD_PEX1ms1
iPS1-derived

PBD_PEX12
iPS2-derived

Motor Neuron Progenitor Markers for PBD Patients

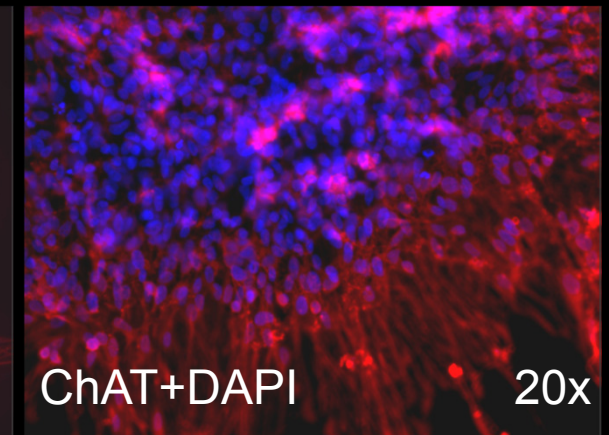
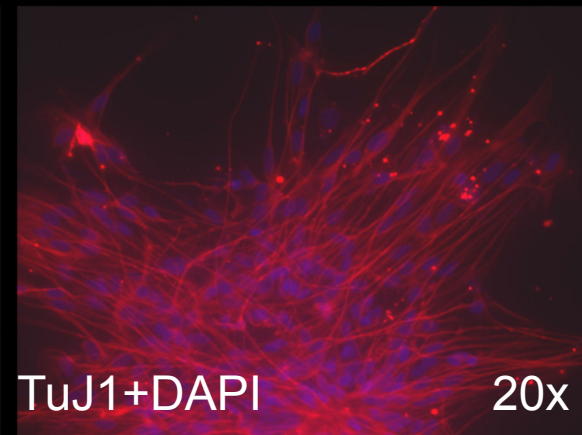
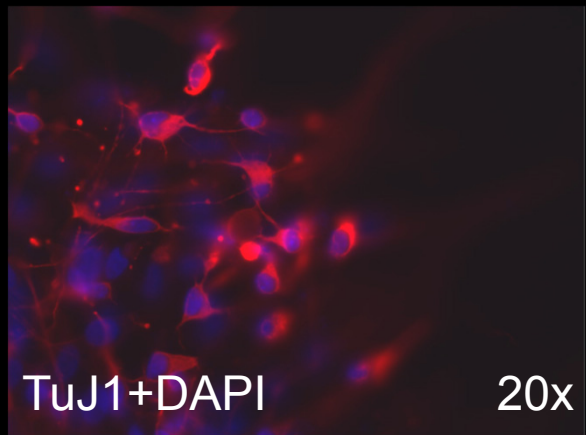
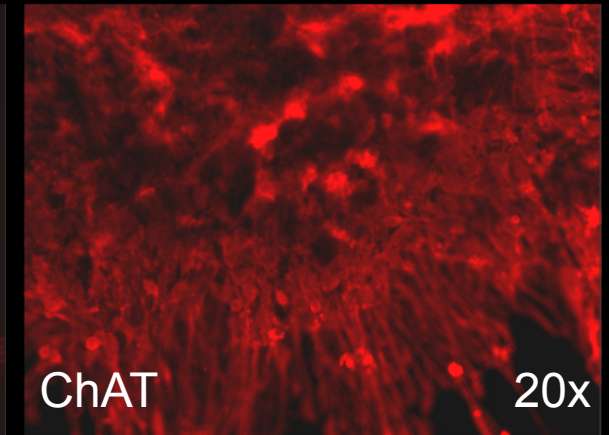
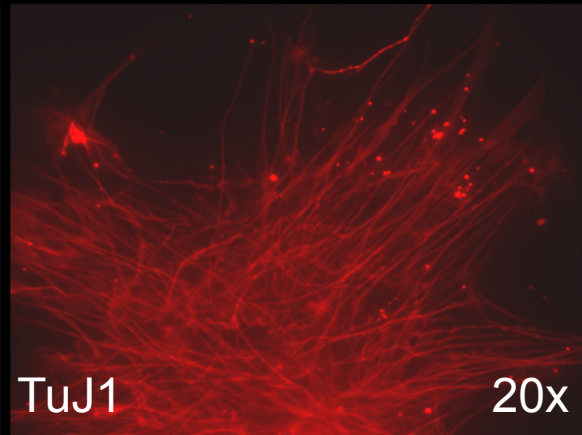
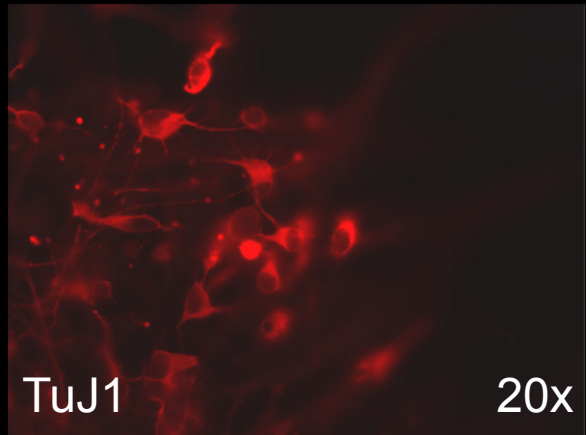


PBD_PEX1fs2
iPS2-derived

PBD_PEX1ms1
iPS2-derived

PBD_PEX1fs2
iPS2-derived

Neuron Markers for PBD patients

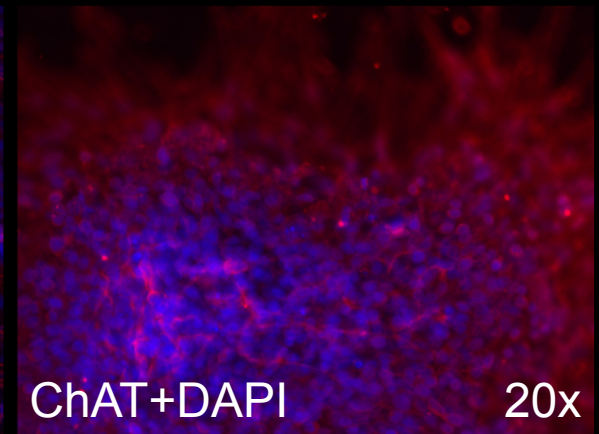
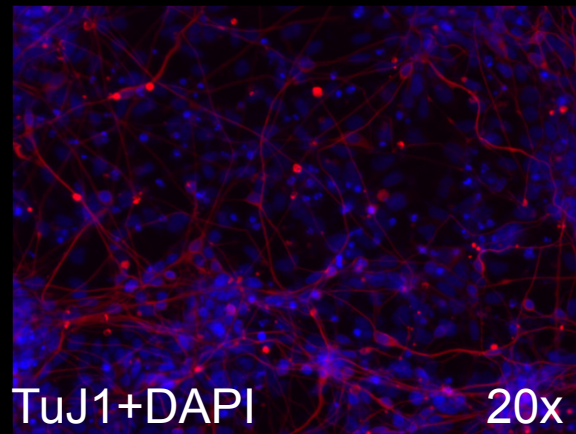
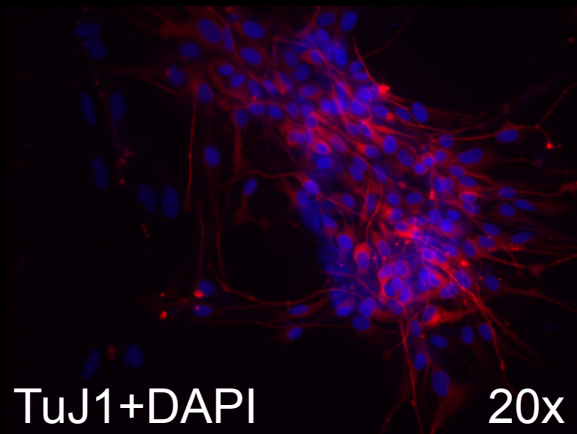
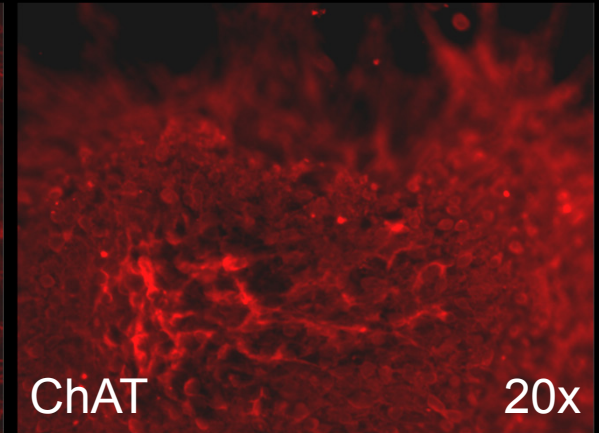
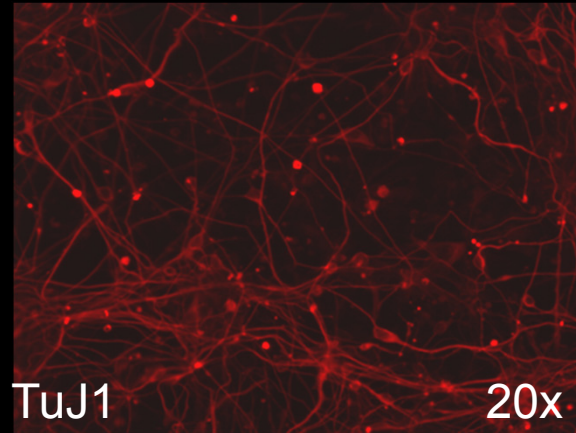
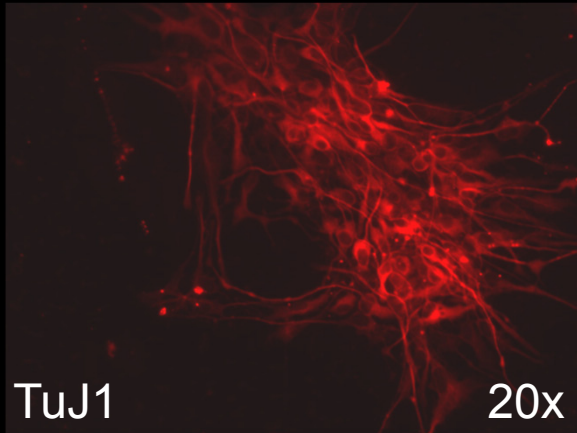


PBD_PEX1fs1
iPS2-derived

PBD_PEX1fs2
iPS2-derived

PBD_PEX1fs2
iPSC2-derived

Neuron Markers for PBD Patients

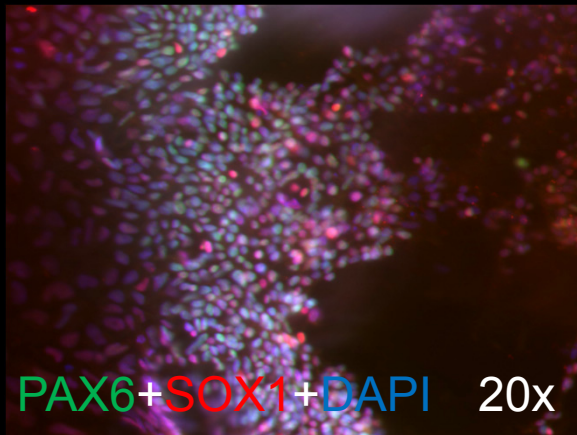


PBD_PEX1ms1
iPS2-derived

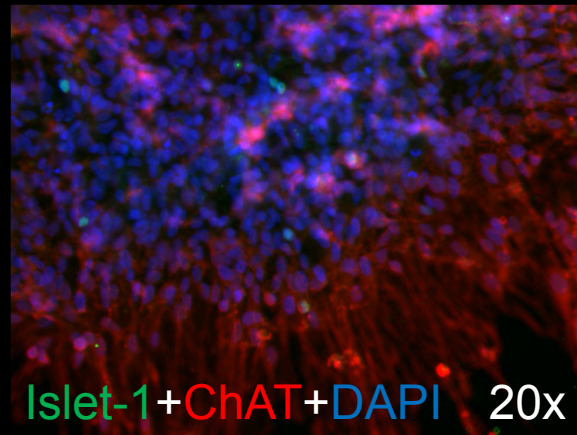
PBD_PEX1ms1
iPS1-derived

PBD_PEX1ms1
iPS2-derived

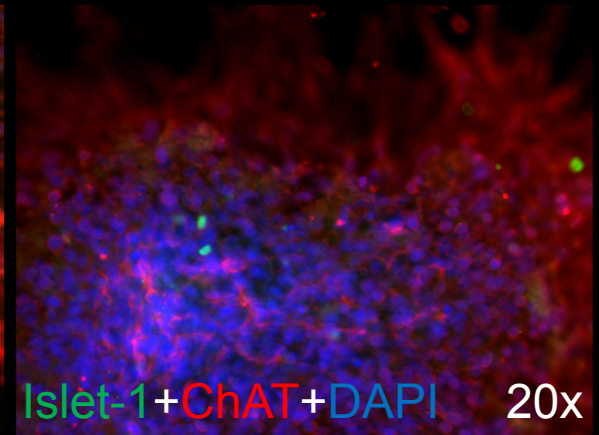
Neuron Markers for PBD Patients



PBD_PEX1ms1
iPS3-derived

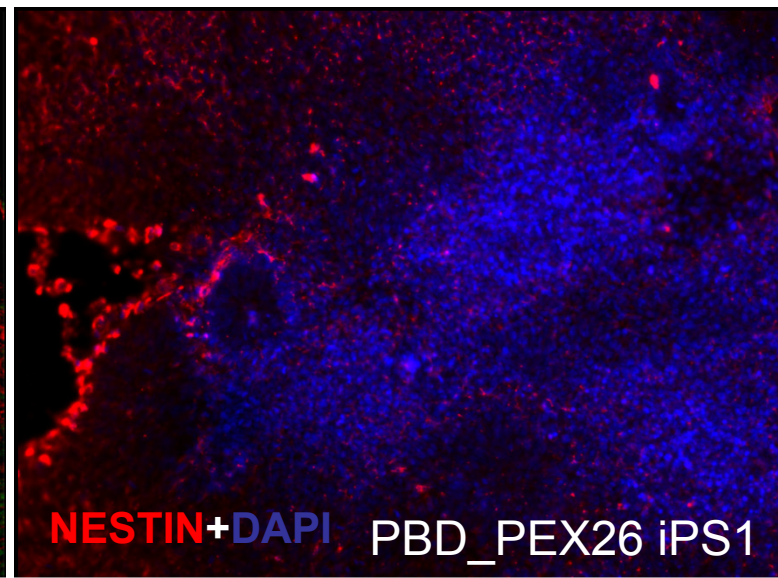
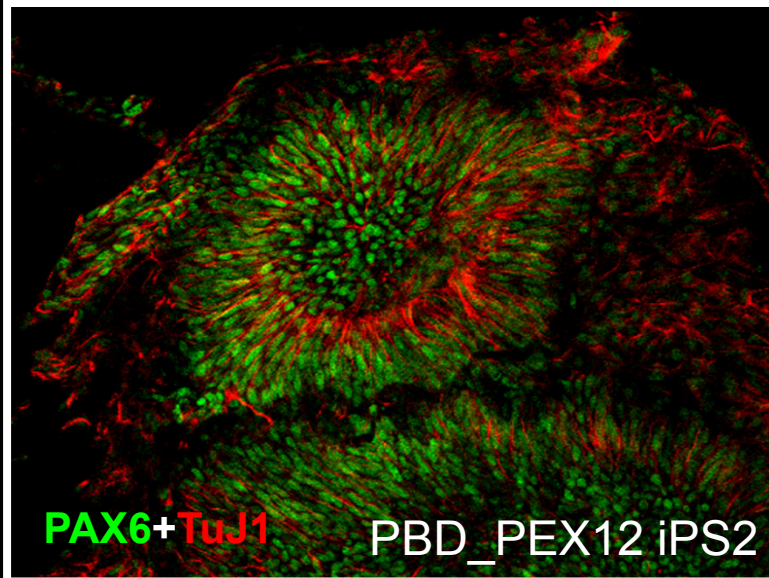
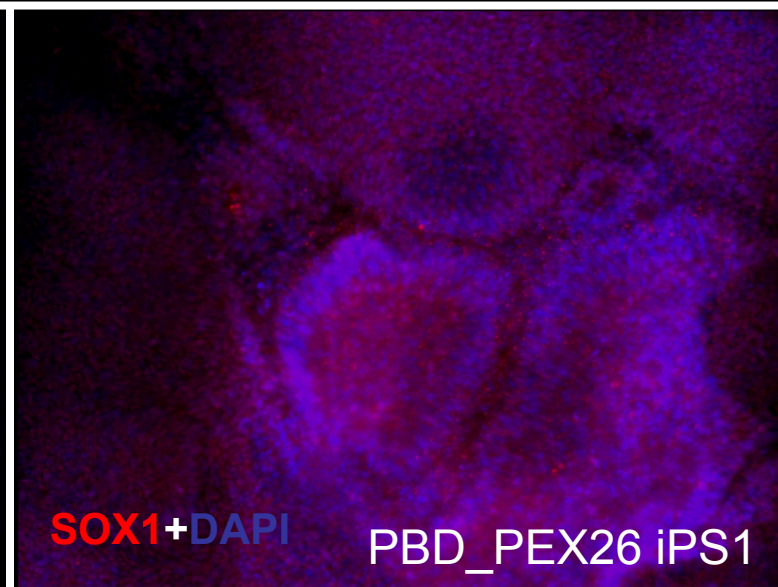
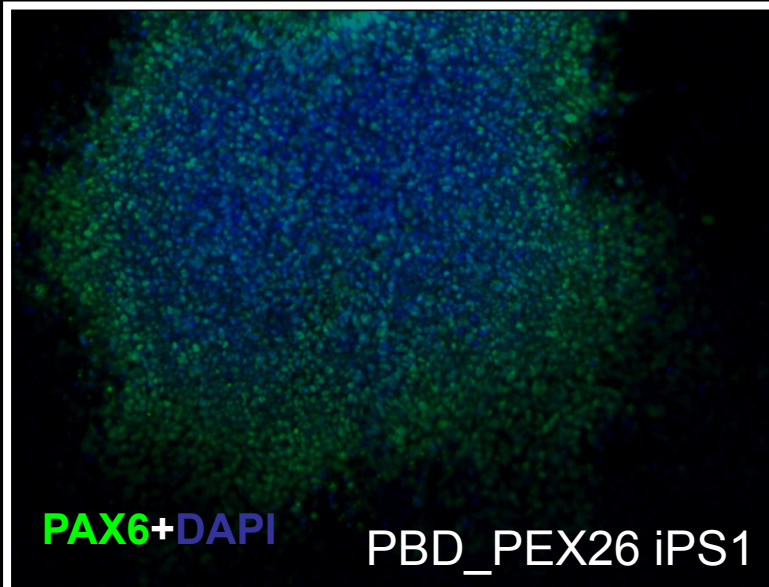


PBD_PEX1fs2
iPS1-derived

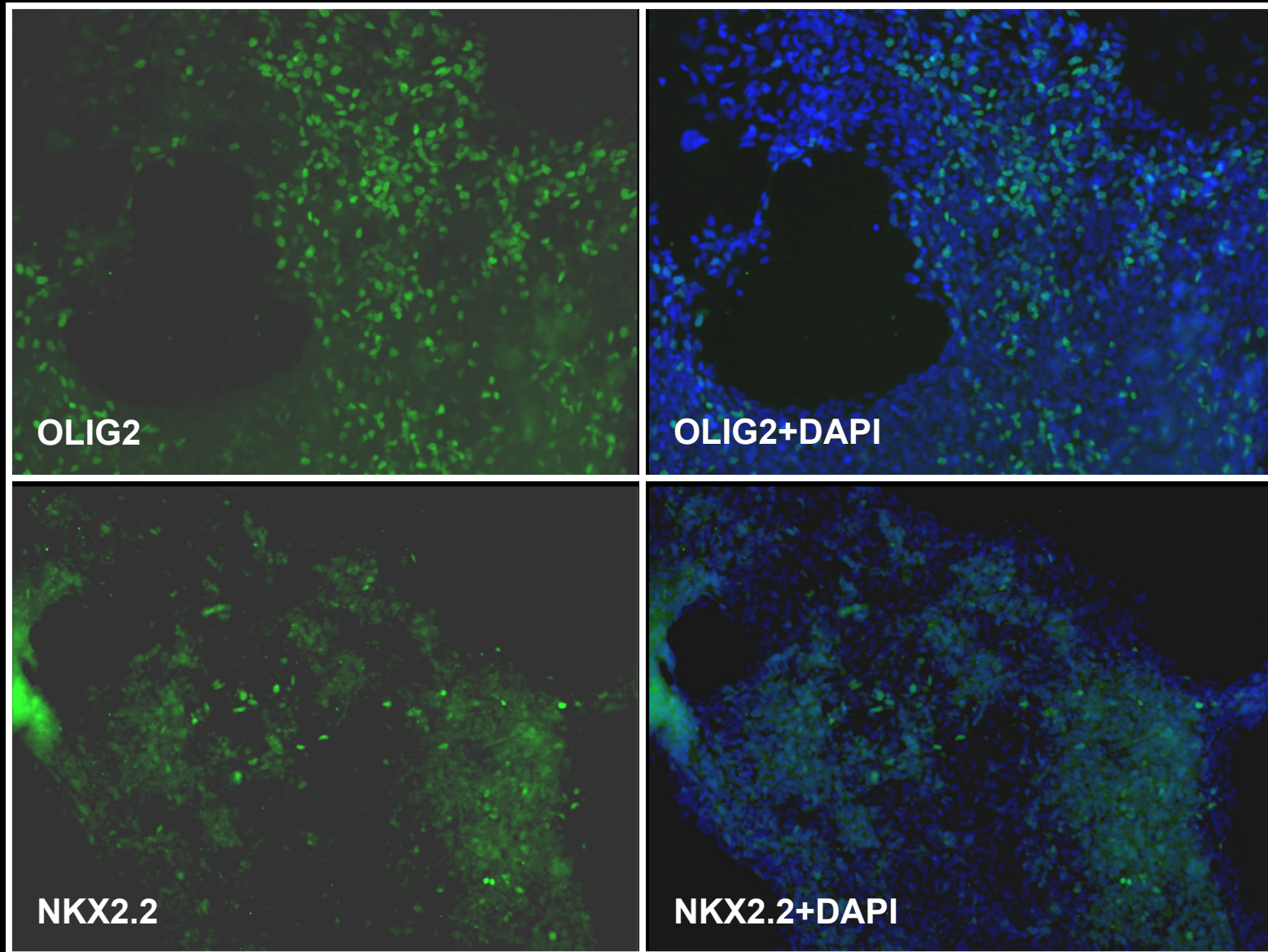


PBD_PEX1ms1
iPS2-derived

Neuroepithelial markers for PBD patients

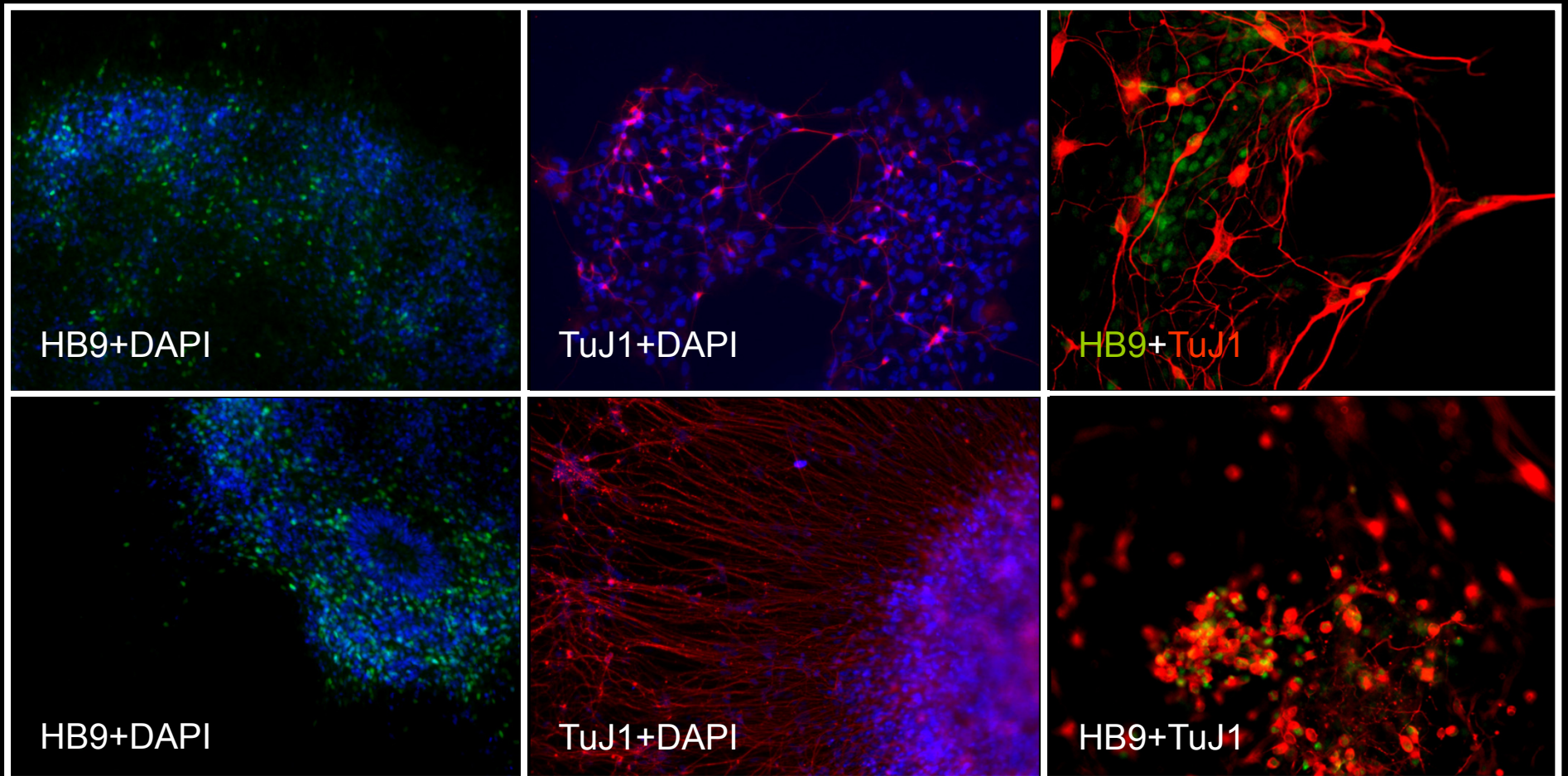


Motor neuron progenitor markers for PBD patients



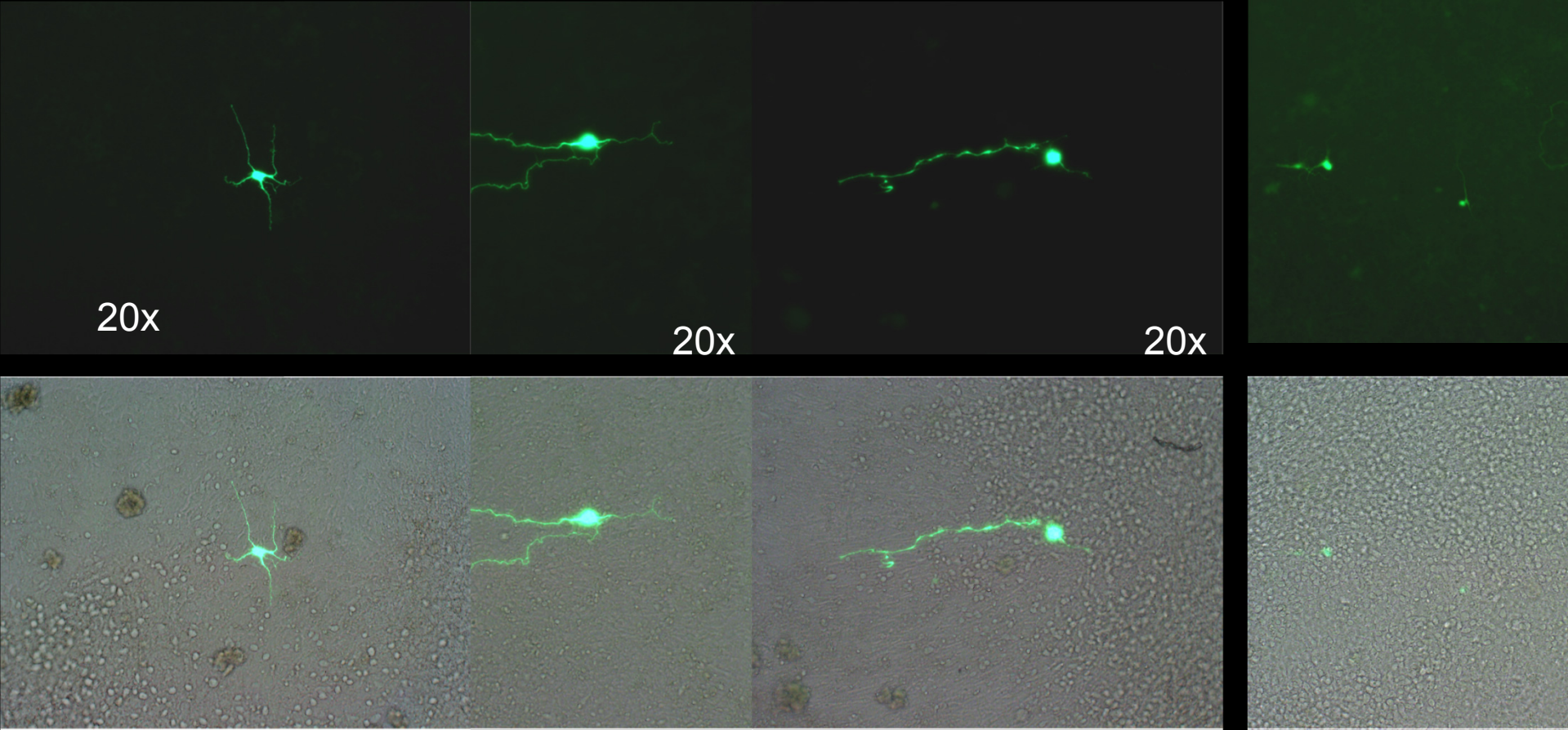
All PBD_PEX12 iPS2-derived

Motor neuron markers for Controls



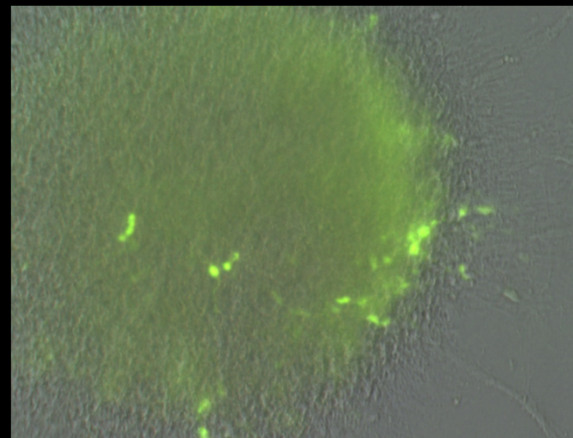
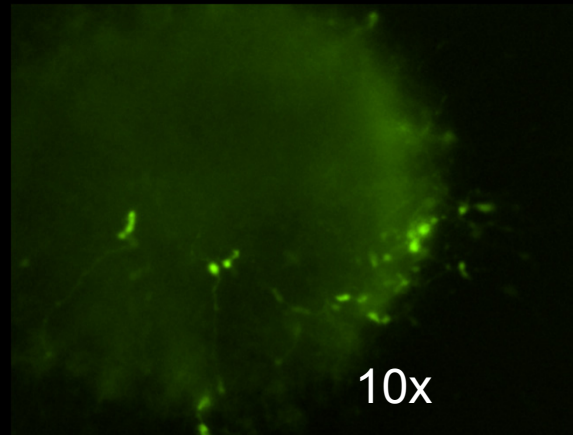
All Control2 iPS3-derived

Motor neurons transfected with HB9 driven GFP



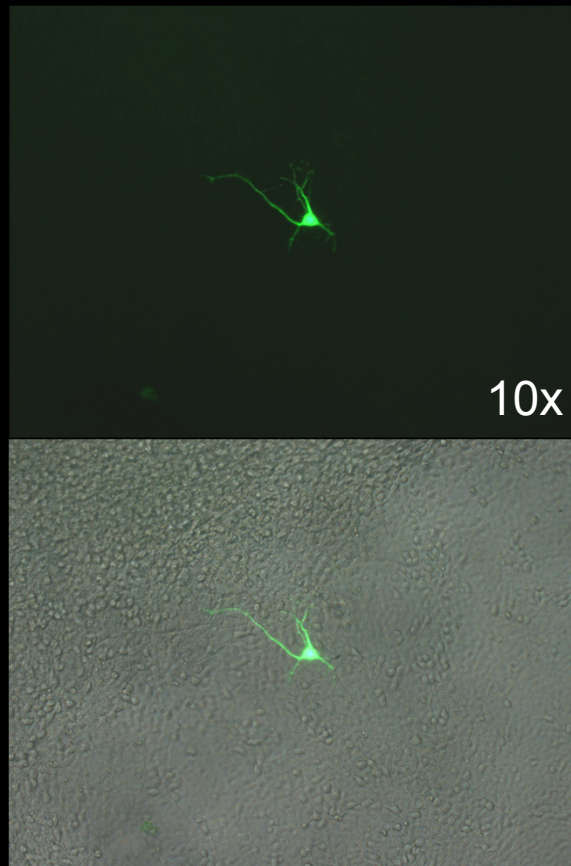
Control2 iPS3-derived

Motor neurons transfected with HB9 driven GFP



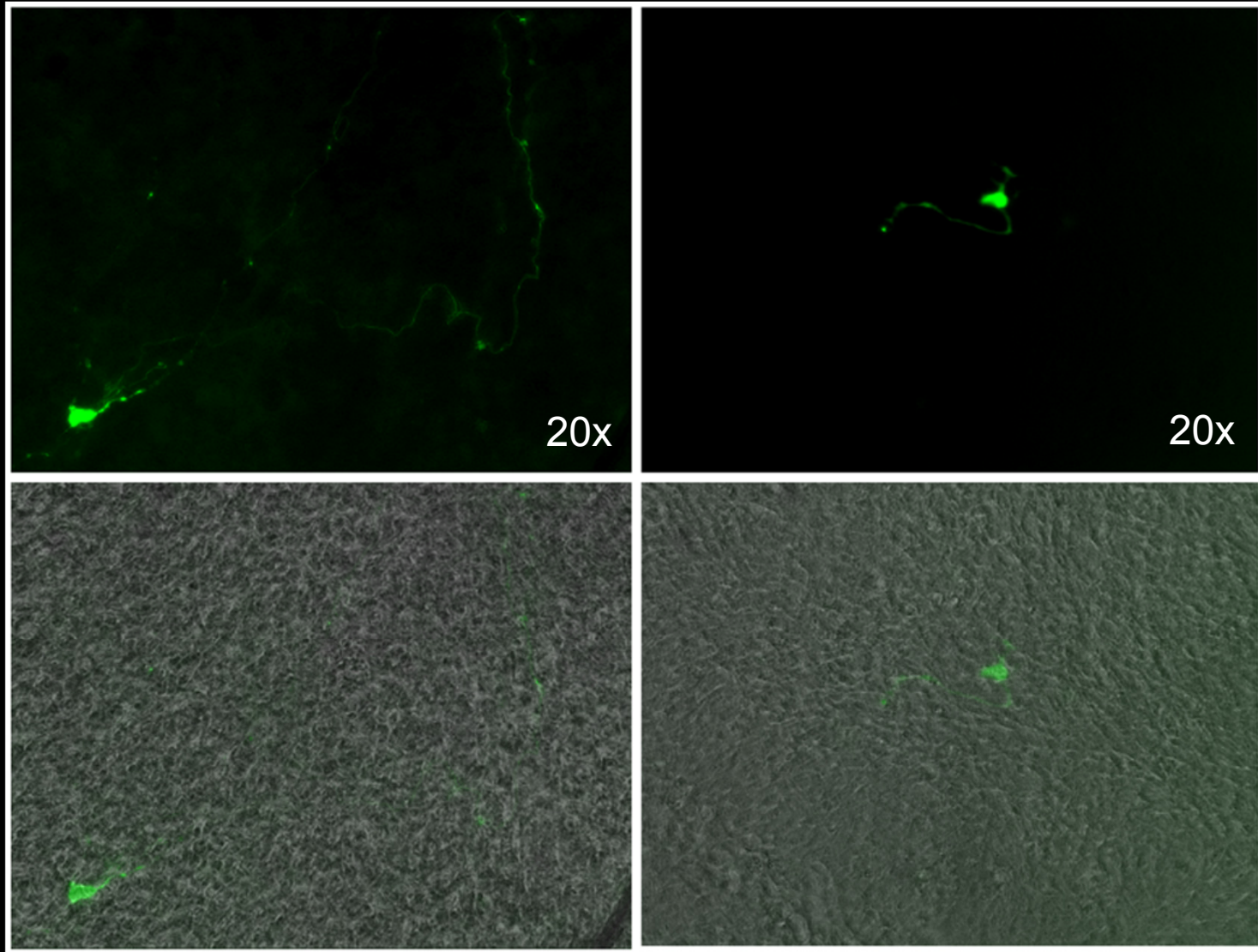
PBD_PEX1ms1 iPS1-derived

Motor neurons transfected with HB9 driven GFP



PBD_PEX1ms1 iPS2-derived

Motor neurons transfected with HB9 driven GFP



PBD_PEX1 ms1 iPS5-derived