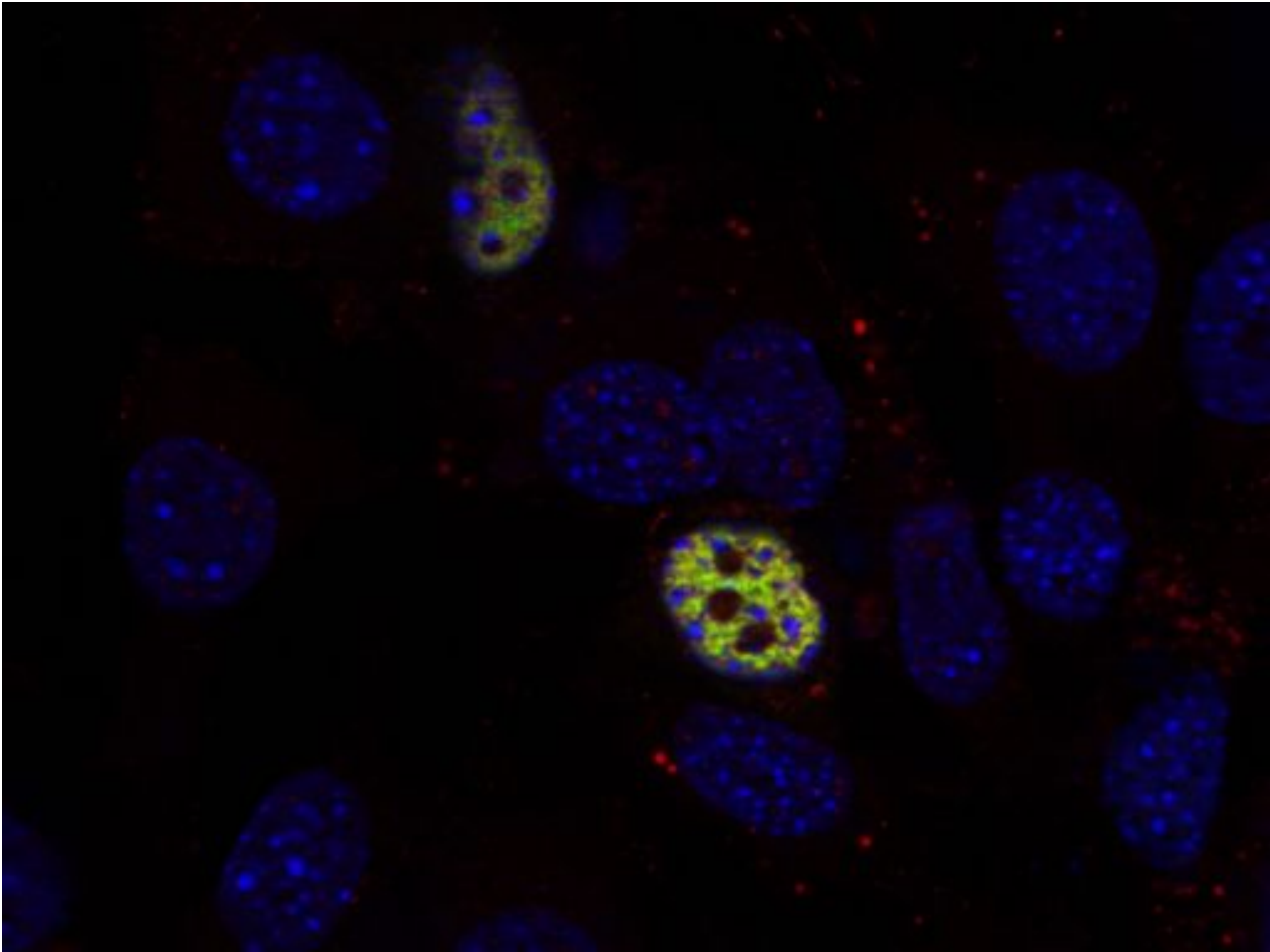
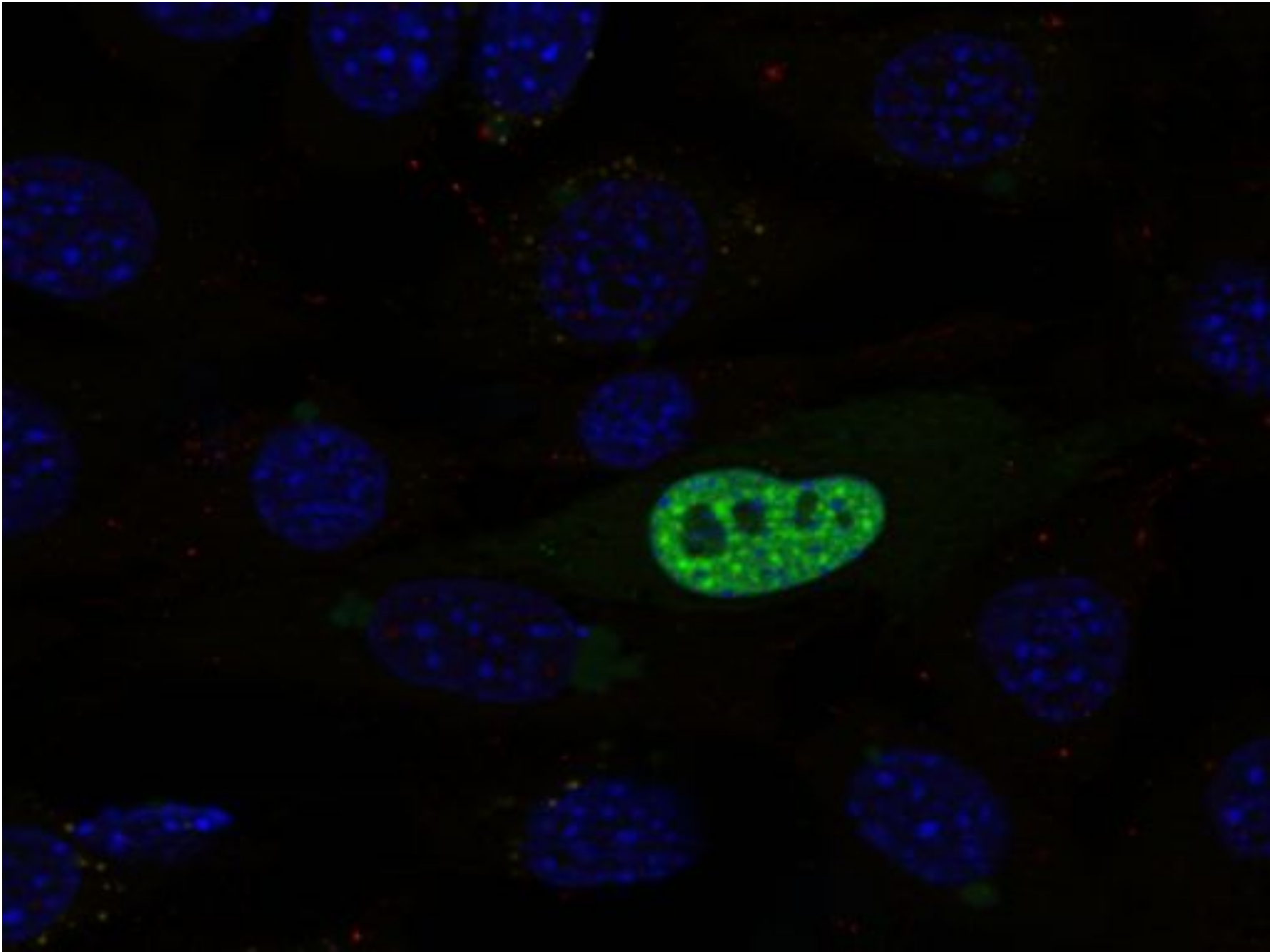


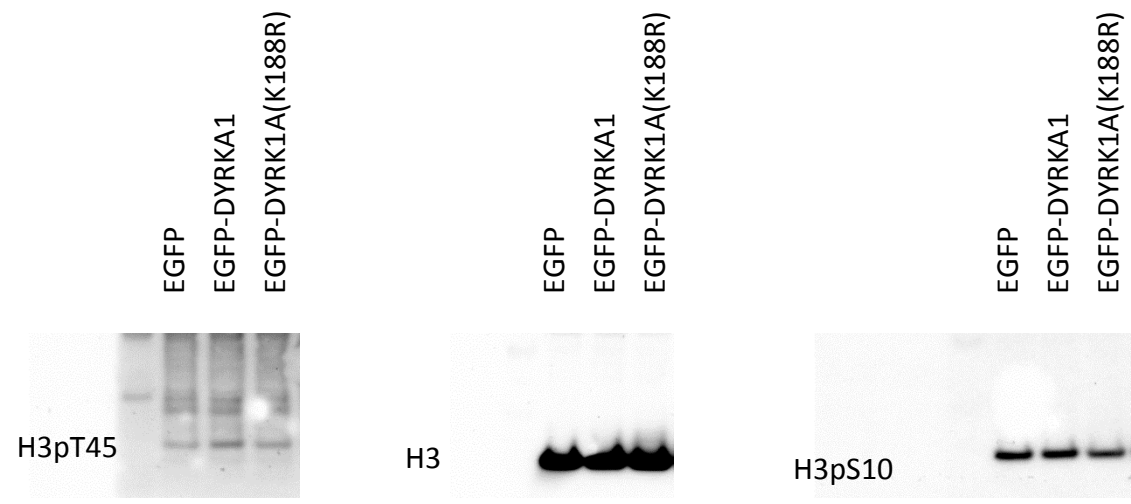
**Fig 2A top panels (H1)**



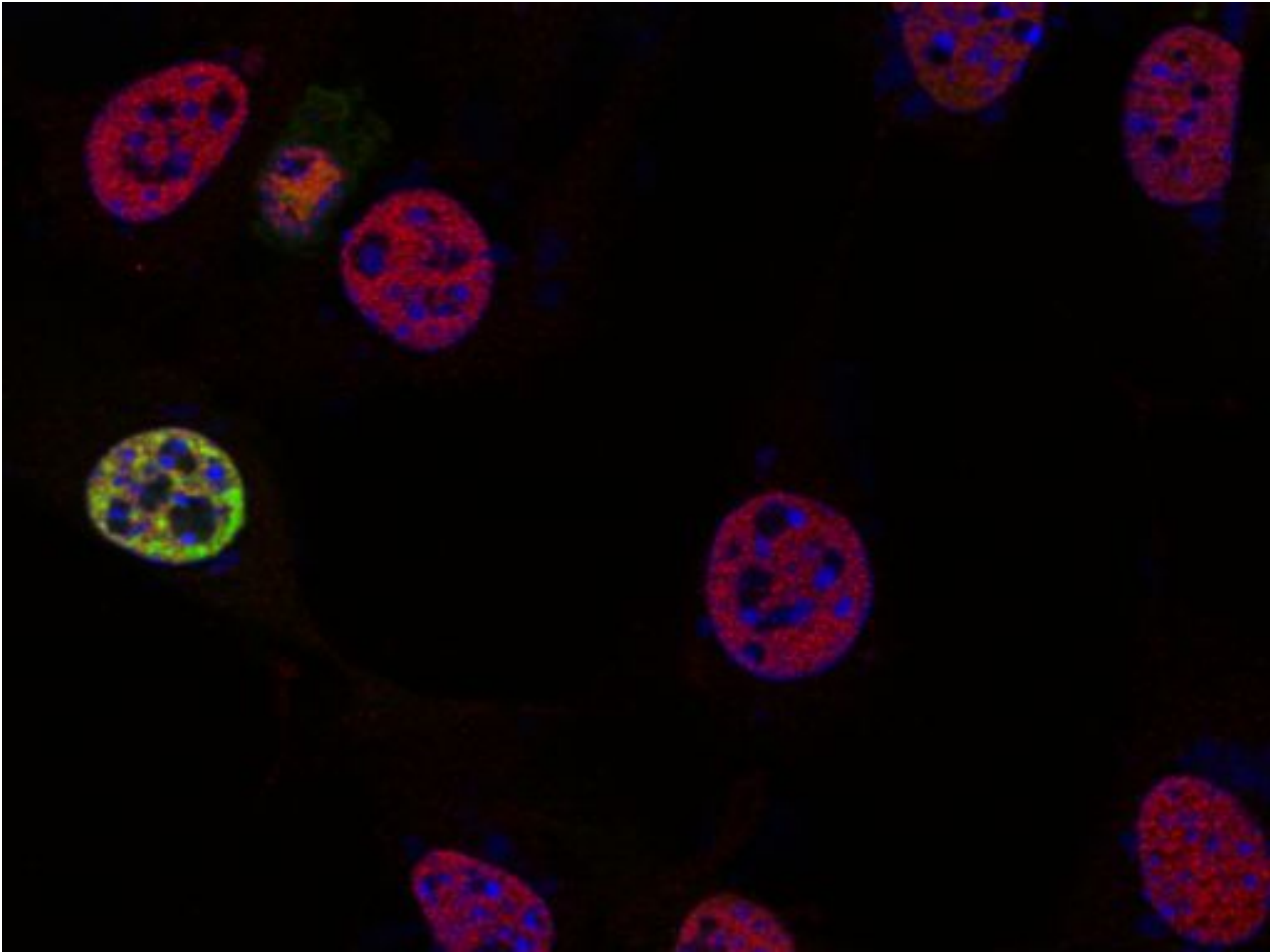
**Fig 2A middle panels (DYRK1A)**



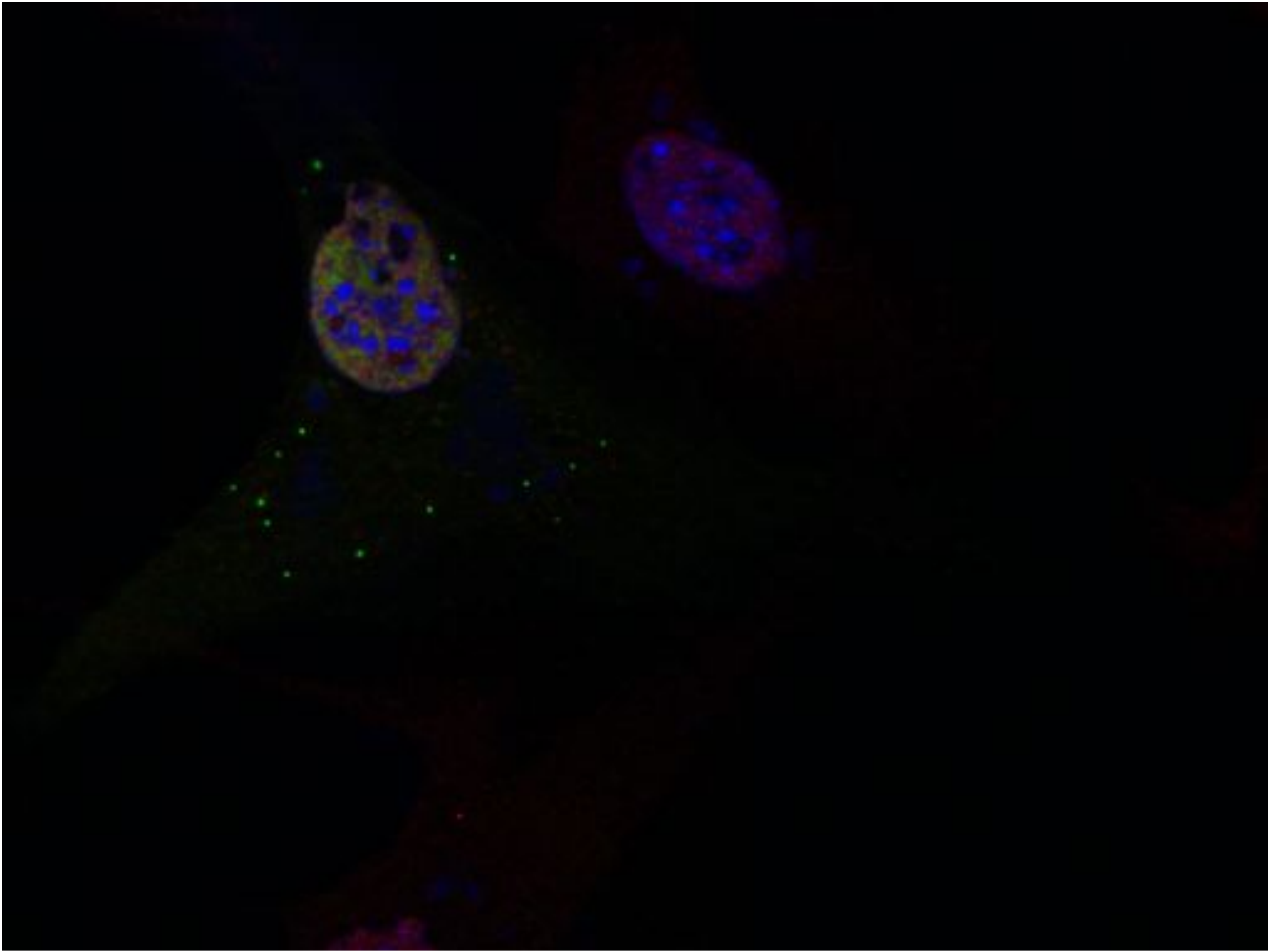
**Fig 2A Bottom panels (DYRK1A(K188R))**



**Fig 2B**



**Fig 2C Top panels (DYRK1A)**



**Fig 2C bottom panels (DYRK1A(K188R))**

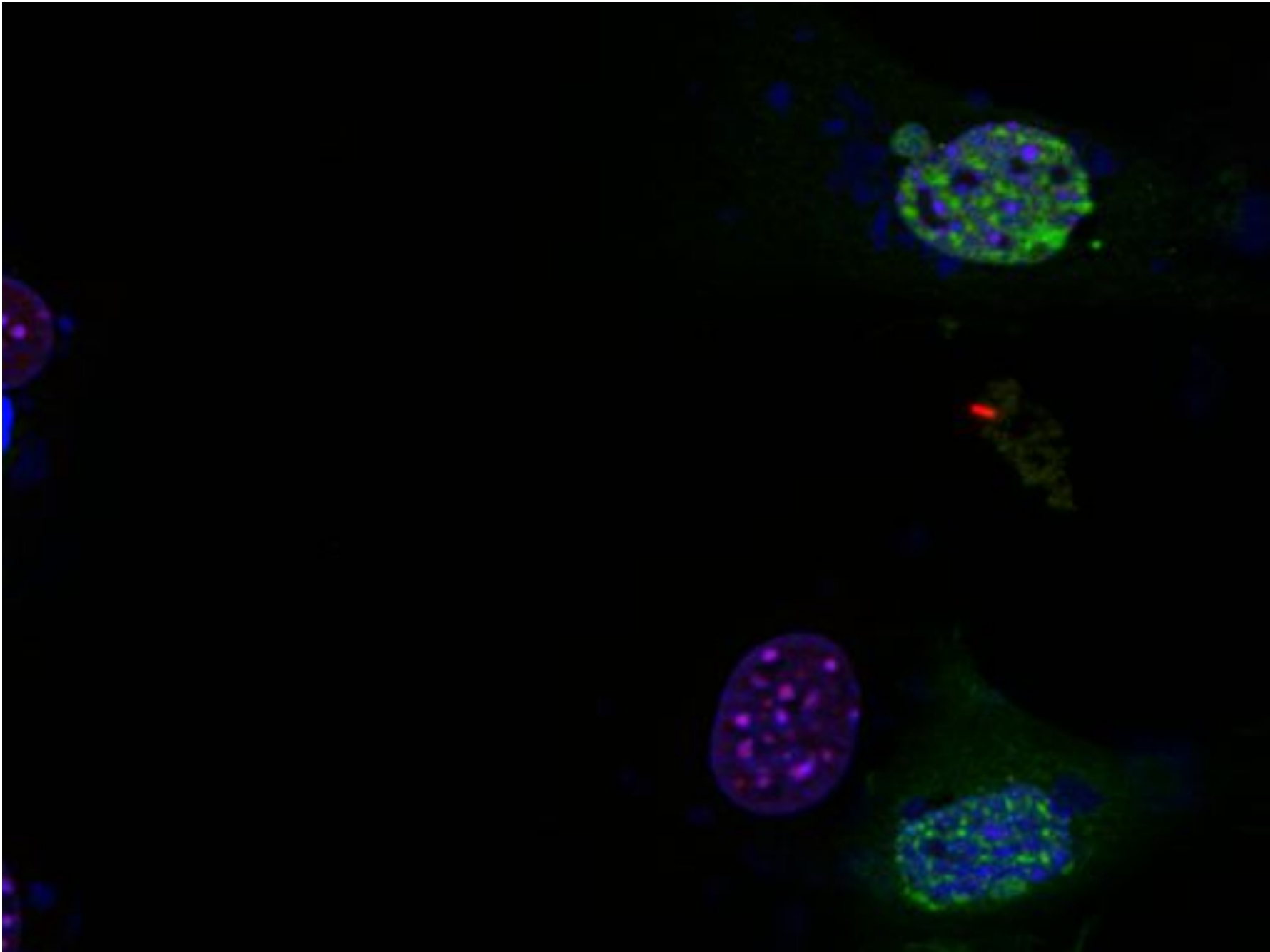


Fig 2D top panels (DYRK1A)

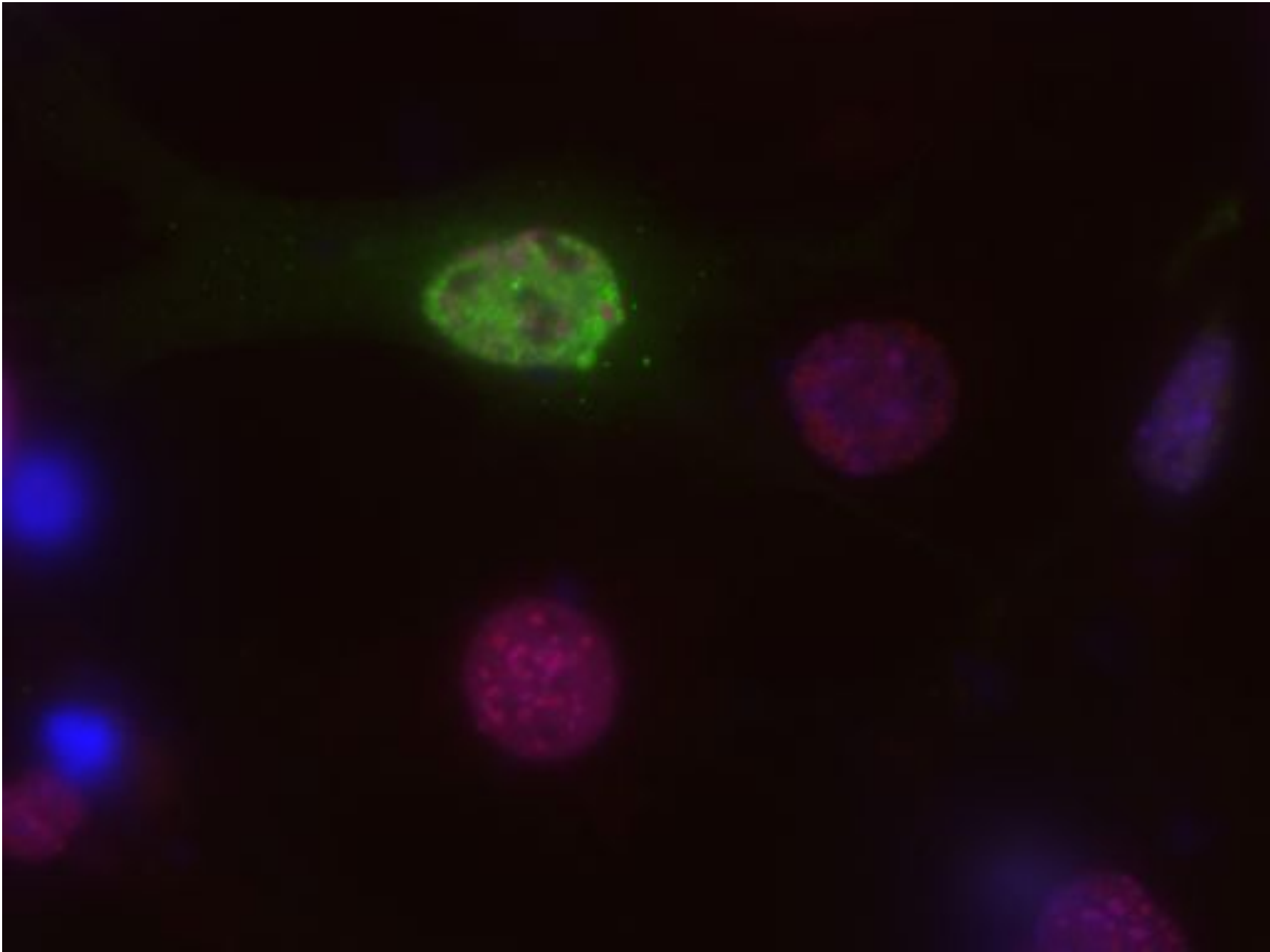


Fig 2D bottom panels (DYRK1A(K188R))



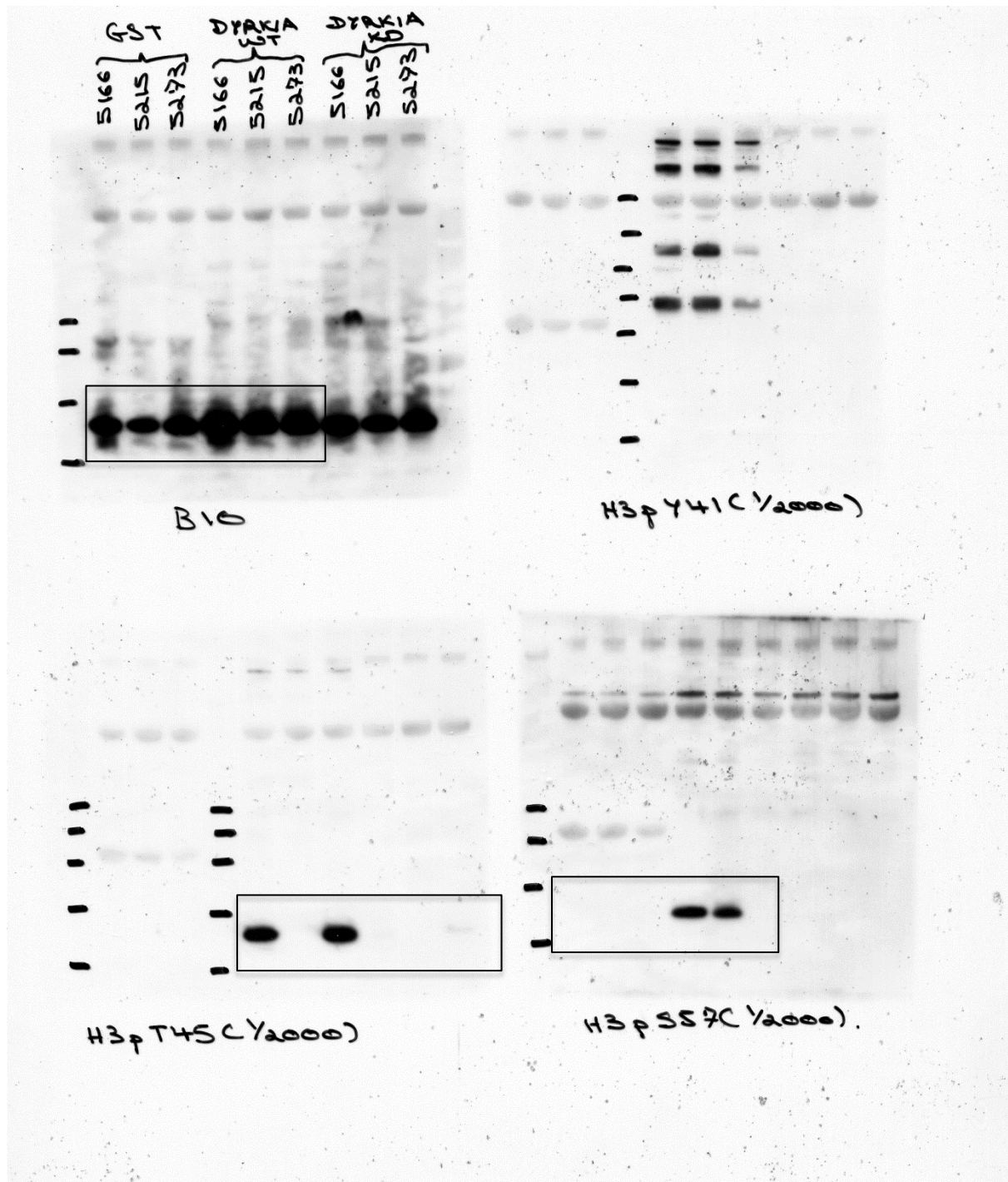


Fig 2E