## The uncropped/unedited versions of all gel and blot images



### Full unedited gel for Fig. 1A

### Full unedited gel for Fig. 1B



## Full unedited gel for Fig. 1G



Tubulin(Nuclear)

## Full unedited gel for Fig. 2B



### Full unedited gel for Fig. 3B



PD-L1(Nuclear)

Lamin B(Nuclear)



Tubulin(Non-nuclear)



PD-L1(Non-nuclear)

# Full unedited gel for Fig. 3D





## Full unedited gel for Fig. 3F

### Full unedited gel for Fig. 3I



## Full unedited gel for Fig. 6K



#### Full unedited gel for Fig. 7A



#### Full unedited gel for Fig. 7C



## Full unedited gel for Fig. 7D



### Full unedited gel for Fig. 7E







mH2A1-p146

mH2A1

Tubulin

#### Full unedited gel for Fig. 7F



Full unedited gel for Fig. 7G



#### Full unedited gel for Fig. 7H





Full unedited gel for Fig. 7I



# Full unedited gel for Fig. 7J





## Full unedited gel for Fig. 7K





PD-L1(whole) p-AMPKα(whole) AMPKα(whole) mH2A1-p146(whole) mH2A1(whole) Tubulin(whole) PD-L1(nuclear) p-AMPKα(nuclear) mH2A1-p146(nuclear) mH2A1(nuclear)

#### Full unedited gel for Fig. 7L



#### Full unedited gel for Fig. 7N



# Full unedited gel for Fig. 9A



# Full unedited gel for Fig. 9B



## Full unedited gel for Fig. 9D



## Full unedited gel for Fig. 9F



## Full unedited gel for Supplemental Fig. 2A





## Full unedited gel for Supplemental Fig. 2B



Full unedited gel for Supplemental Fig. 3



## Full unedited gel for Supplemental Fig. 4



#### Full unedited gel for Supplemental Fig. 5



# Full unedited gel for Supplemental Fig. 6A



## Full unedited gel for Supplemental Fig. 6B





### Full unedited gel for Supplemental Fig. 10B



# Full unedited gel for Supplemental Fig. 7

## Full unedited gel for Supplemental Fig. 10C



Full unedited gel for Supplemental Fig. 10D



# Full unedited gel for Supplemental Fig. 10E

