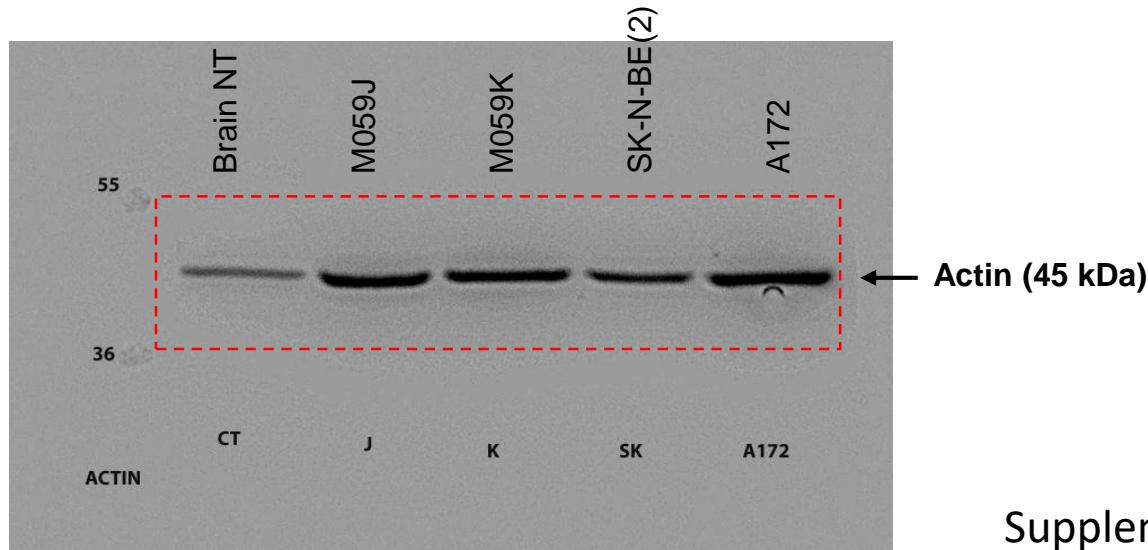
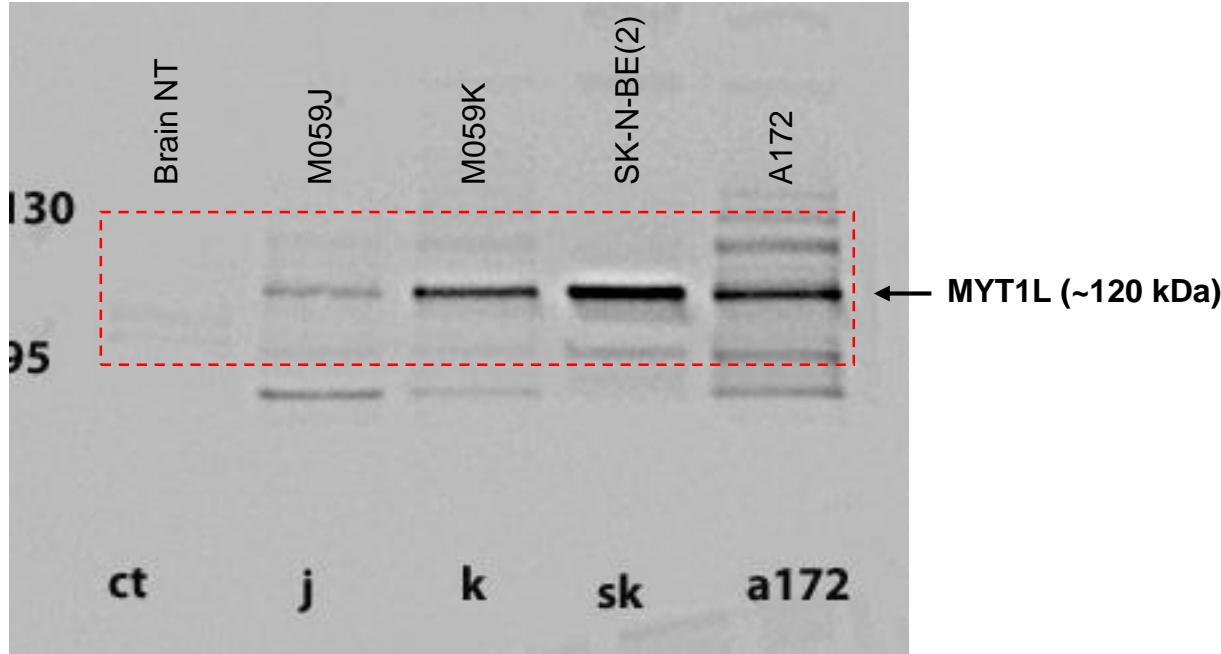


# The crucial role of DNA-dependent protein kinase and myelin transcription factor 1-like protein in the miR-141 tumor suppressor network

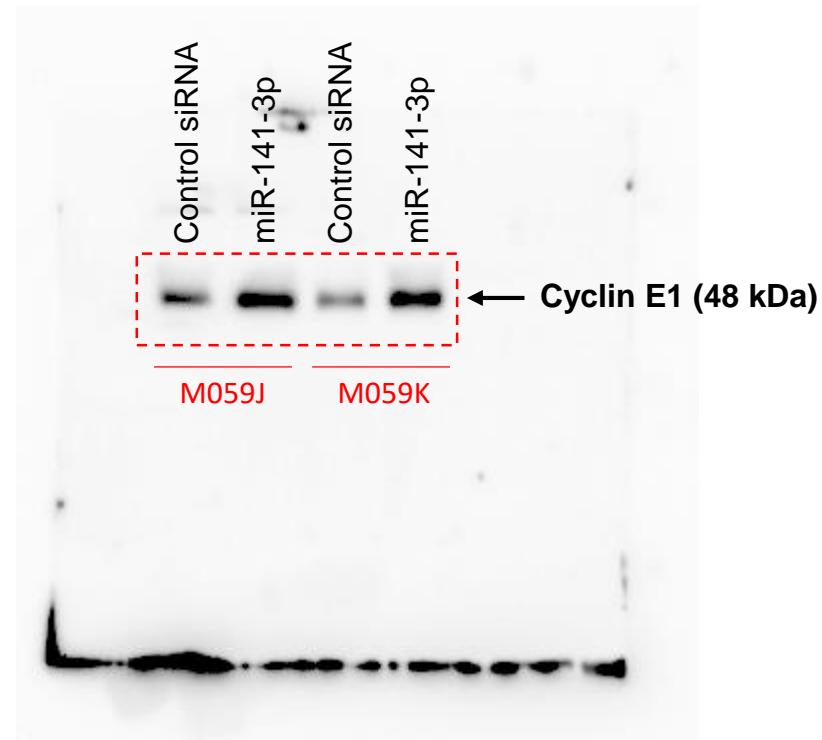
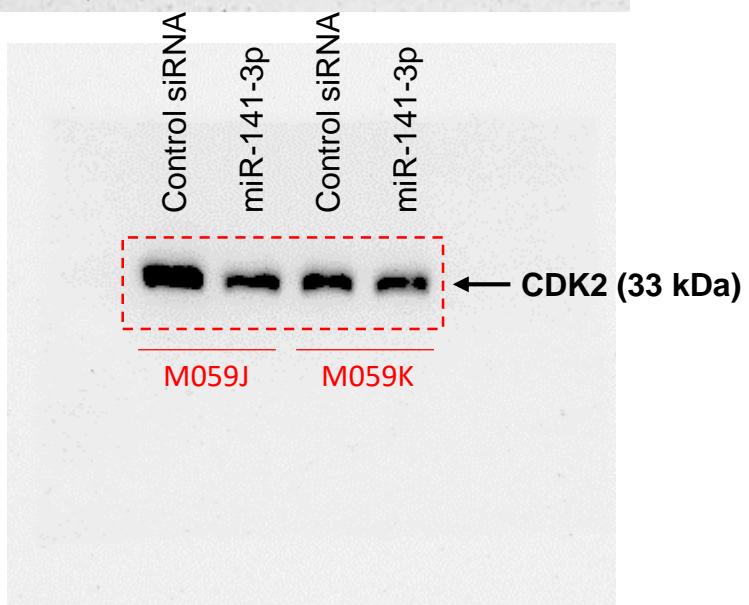
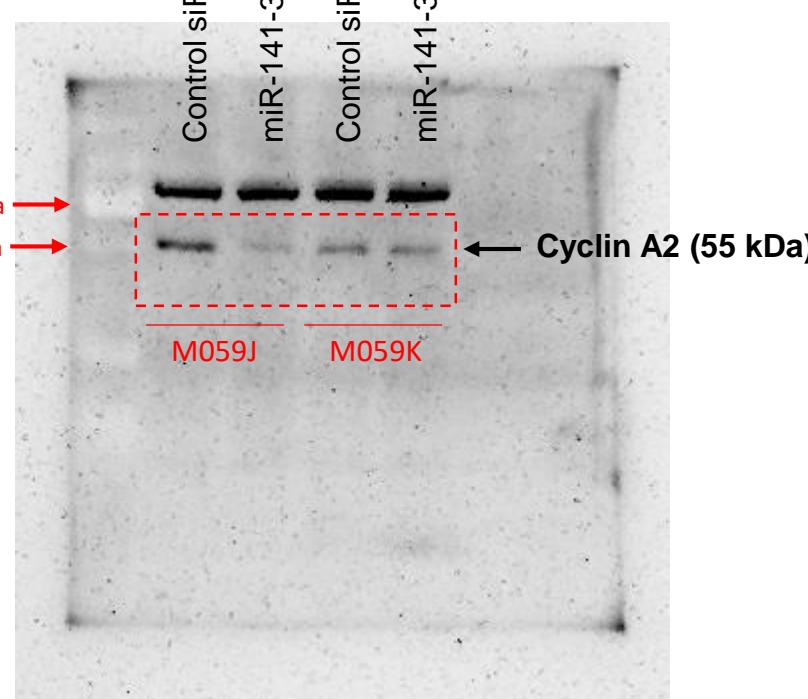
Bo Wang<sup>1</sup>, Dongping Li<sup>1</sup>, Youli Yao<sup>2,3</sup>, Mieke Heyns<sup>1</sup>, Anna Kovalchuk<sup>3</sup>, Yaroslav Ilnytskyy<sup>1</sup>, Rocio Rodriguez-Juarez<sup>1</sup>, Roderick T. Bronson<sup>4</sup>, Gerlinde A.S. Metz<sup>3</sup>, Olga Kovalchuk<sup>1§</sup>, Igor Kovalchuk<sup>1§</sup>

<sup>1</sup>Department of Biological Sciences, University of Lethbridge, Lethbridge, Canada; <sup>2</sup>Agricultural College of Yangzhou University, Yangzhou, P.R. China; <sup>3</sup>Canadian Centre for Behavioural Neuroscience, University of Lethbridge, Lethbridge, Canada; <sup>4</sup>The Dana Farber/Harvard Comprehensive Cancer Center, Boston, USA

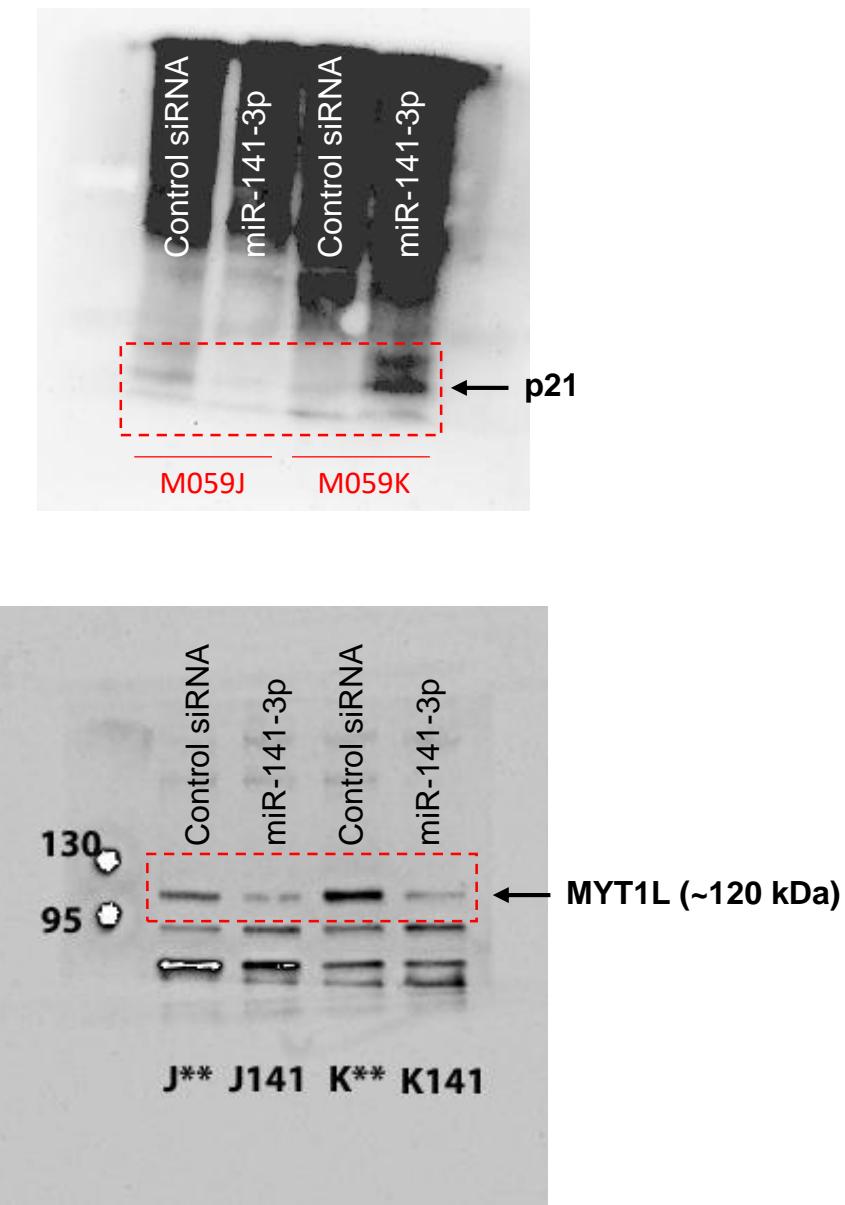
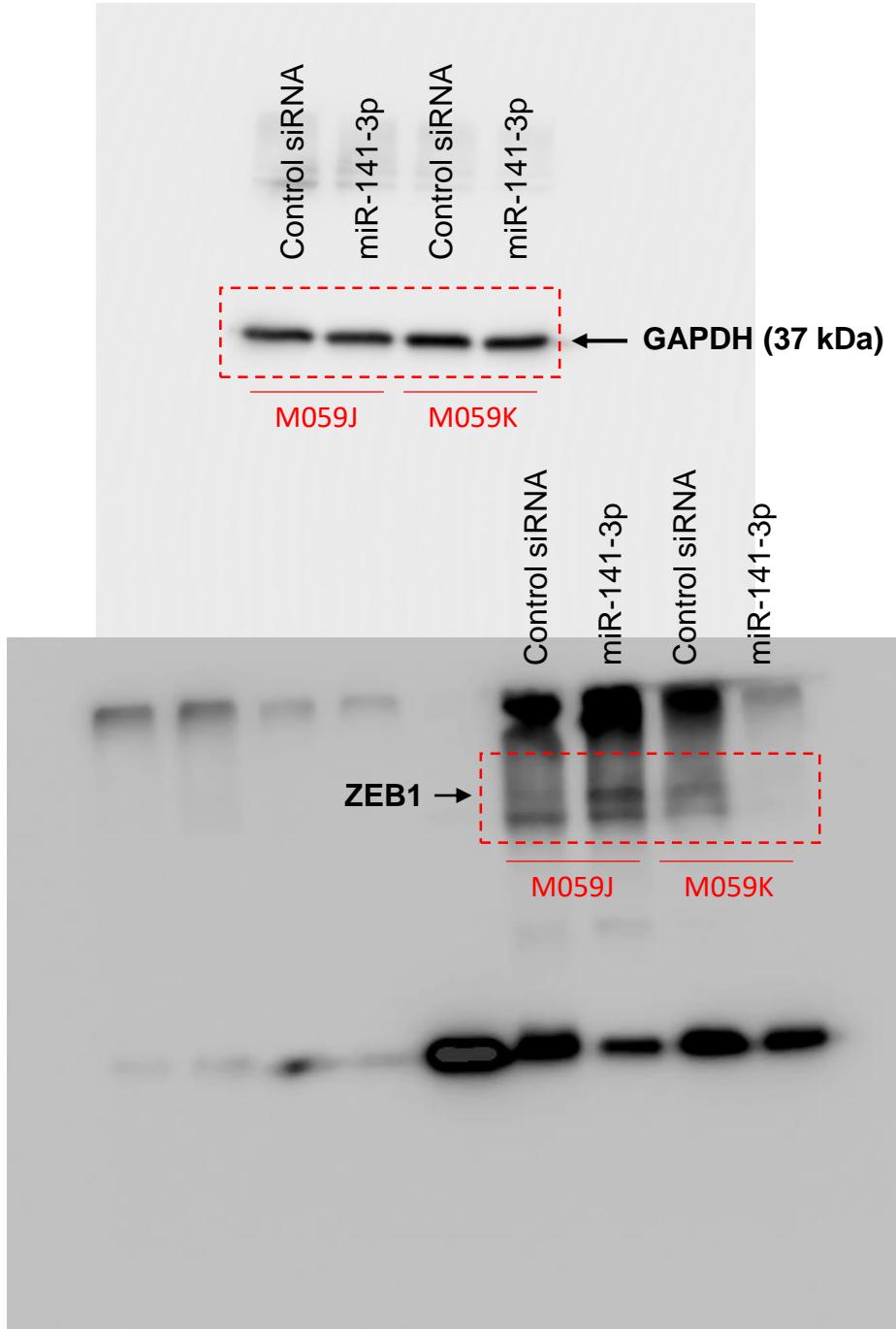
§ Corresponding authors: Department of Biological Sciences, University of Lethbridge, 4401 University Drive, Lethbridge, Alberta T1K 3M4, Canada. Tel: (403) 329-2579; Fax: (403) 329-2082; Email: [igor.kovalchuk@uleth.ca](mailto:igor.kovalchuk@uleth.ca) and/or [olga.kovalchuk@uleth.ca](mailto:olga.kovalchuk@uleth.ca)



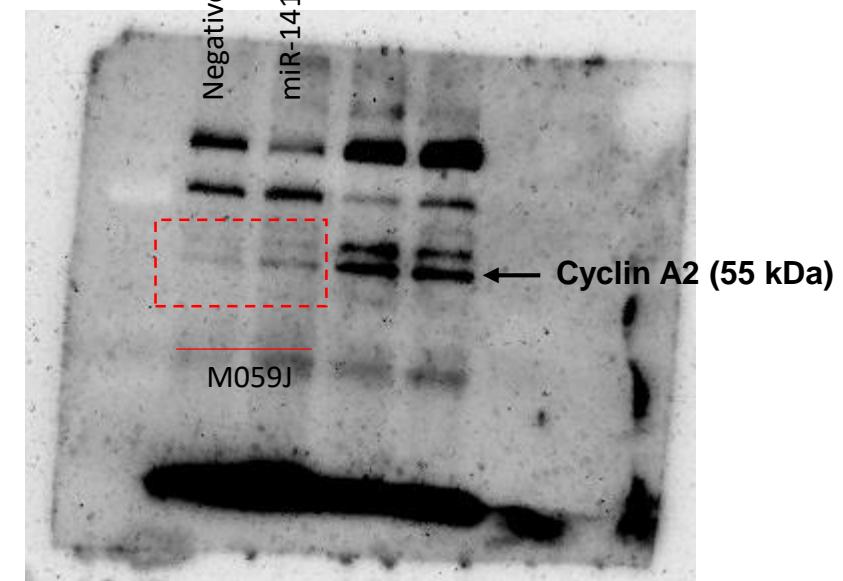
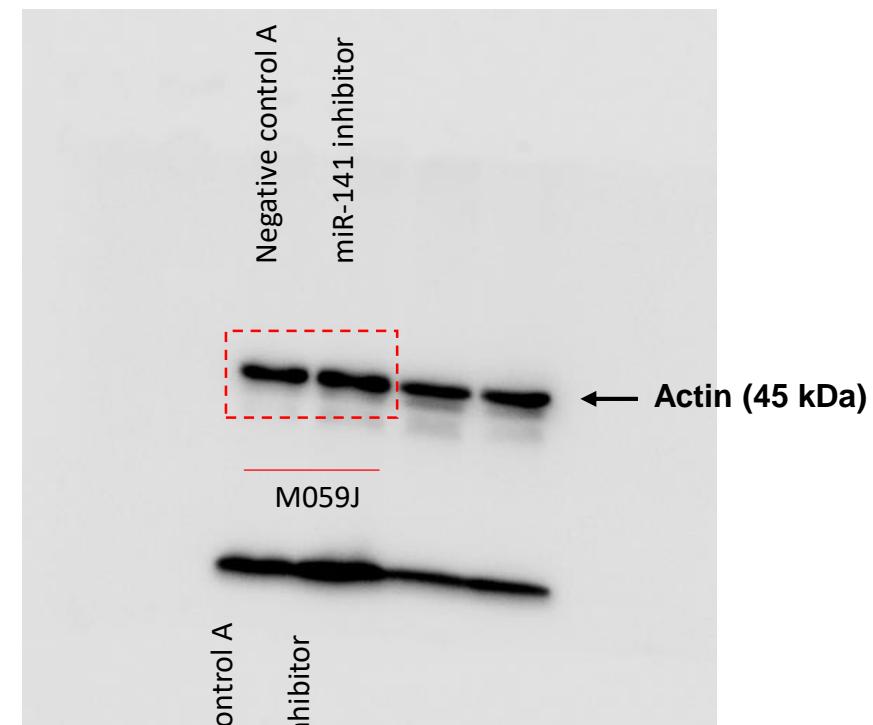
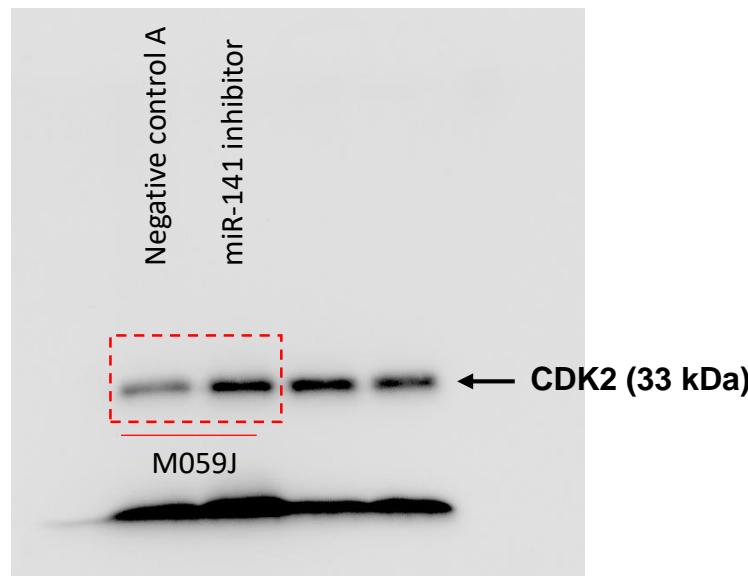
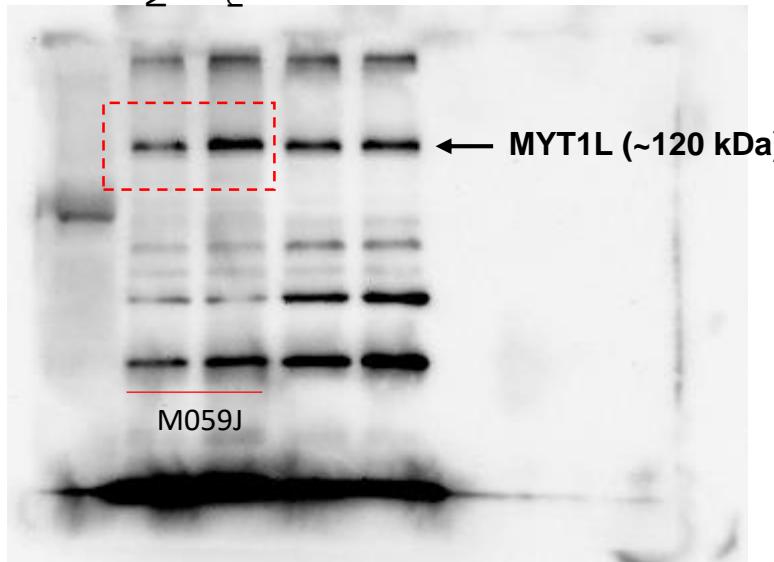
Supplementary Figure S1



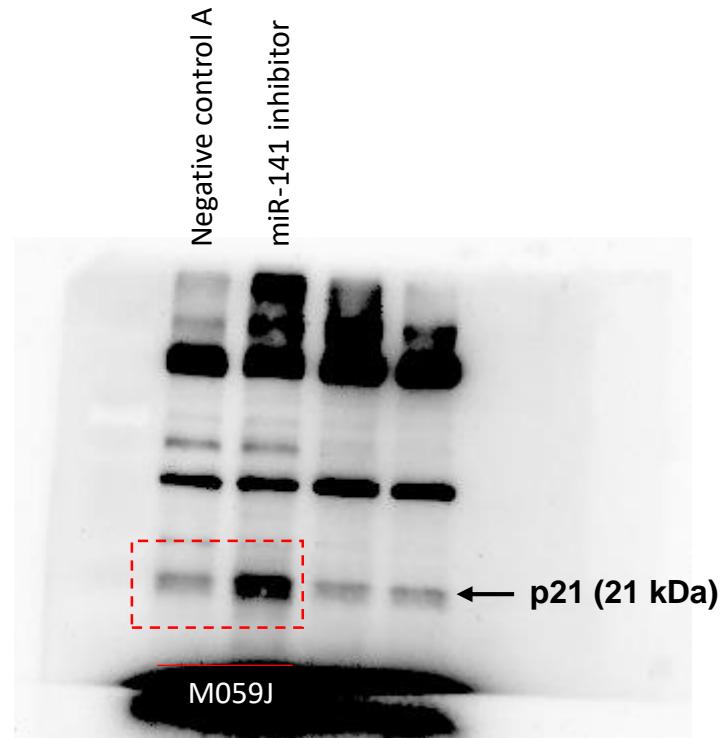
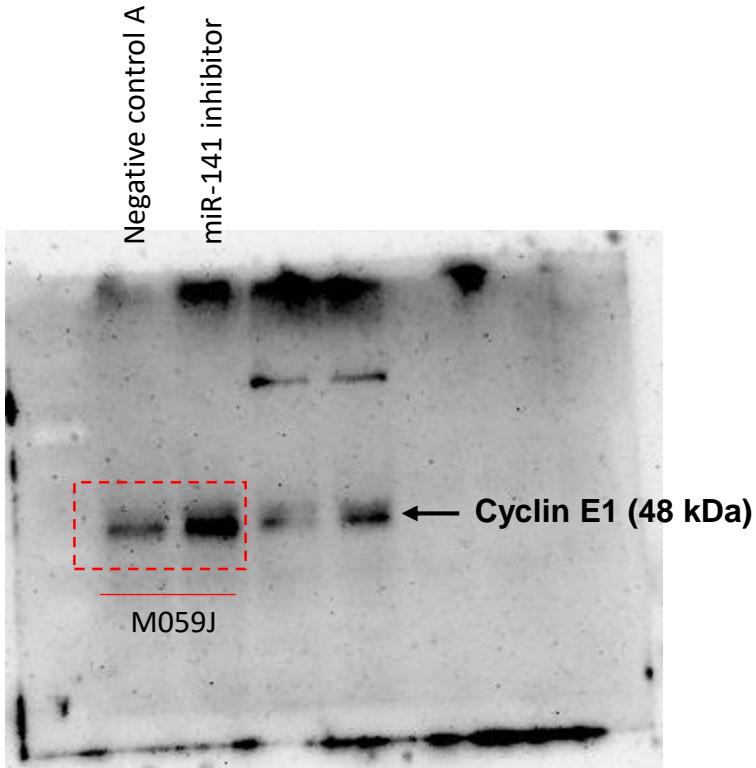
Supplementary Figure S2



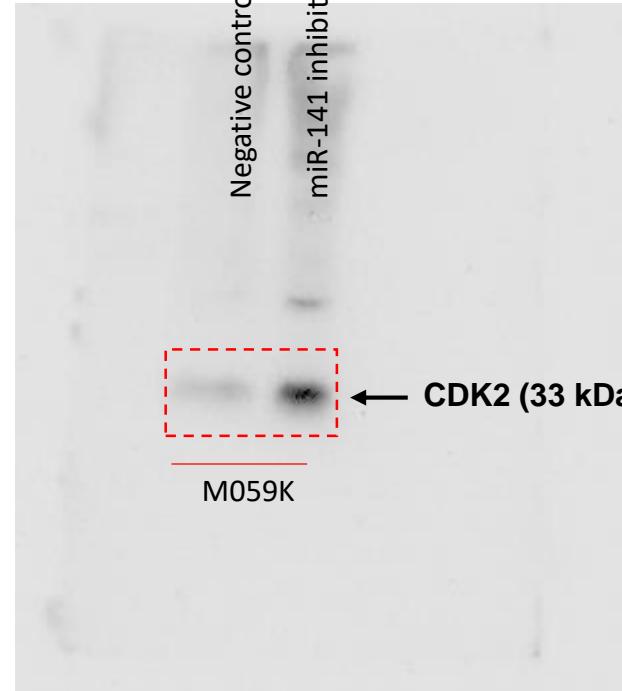
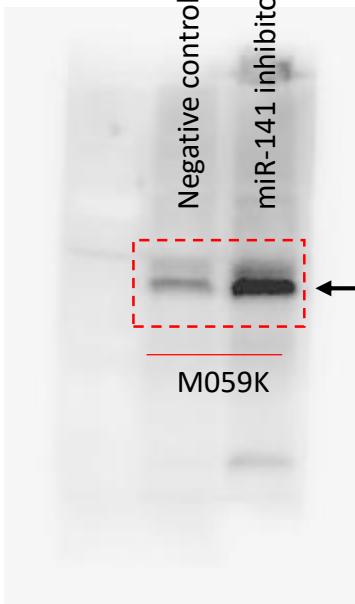
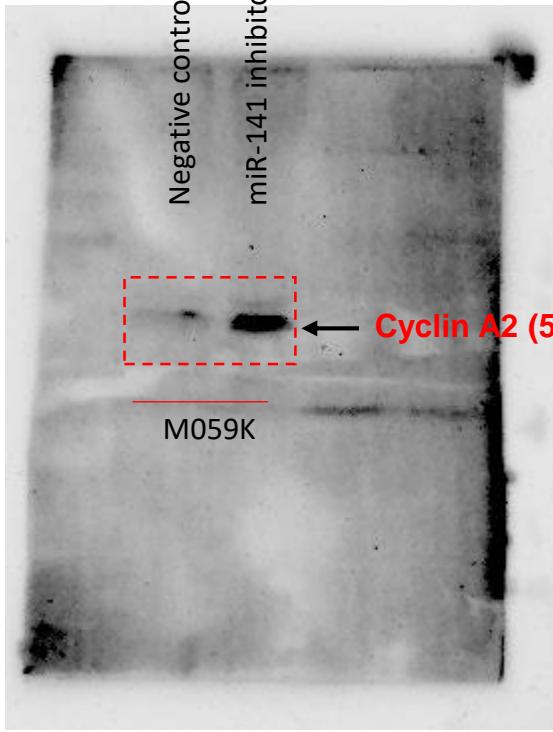
Supplementary Figure S2



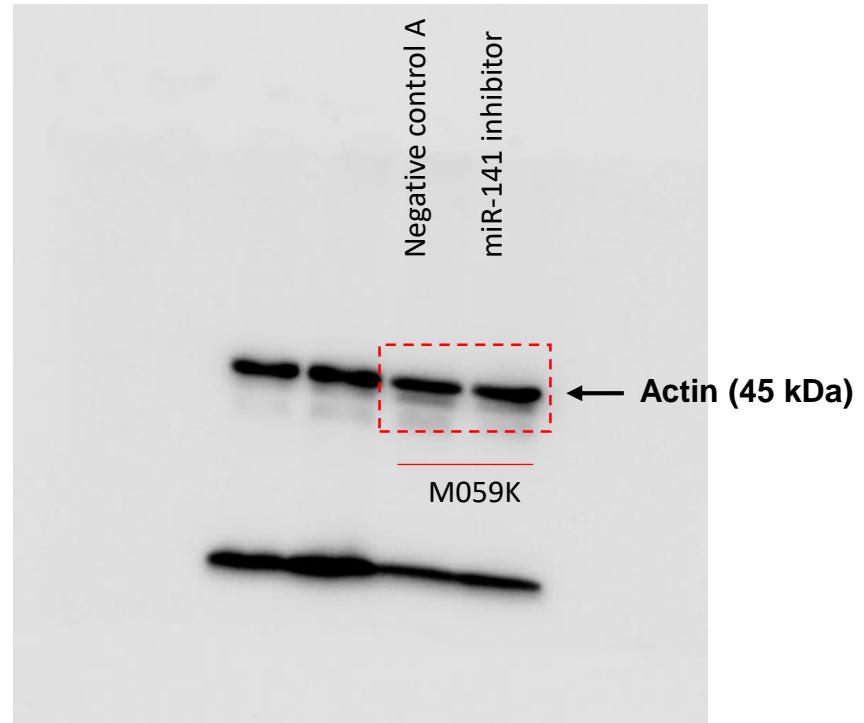
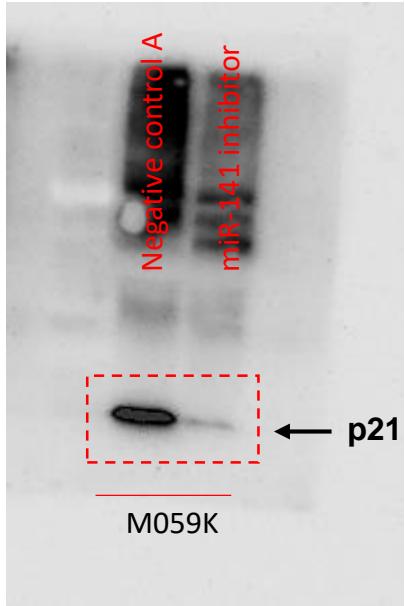
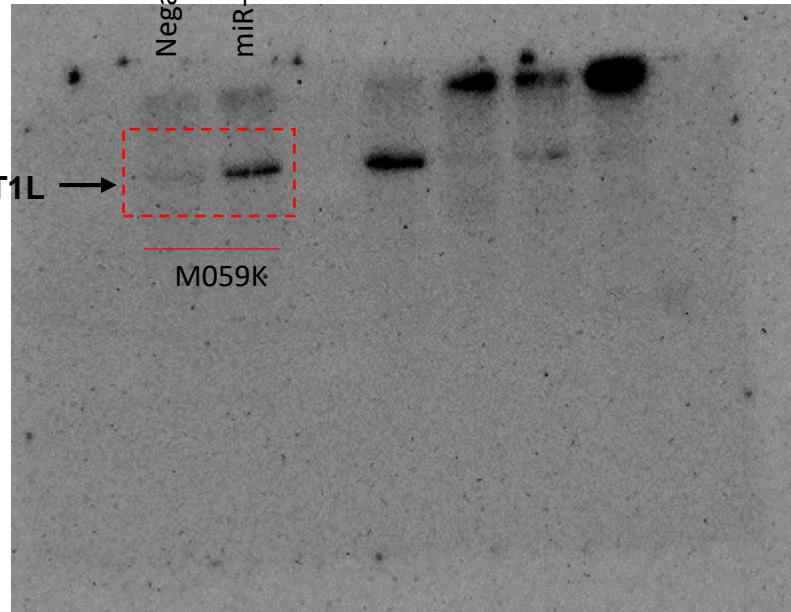
Supplementary Figure S3



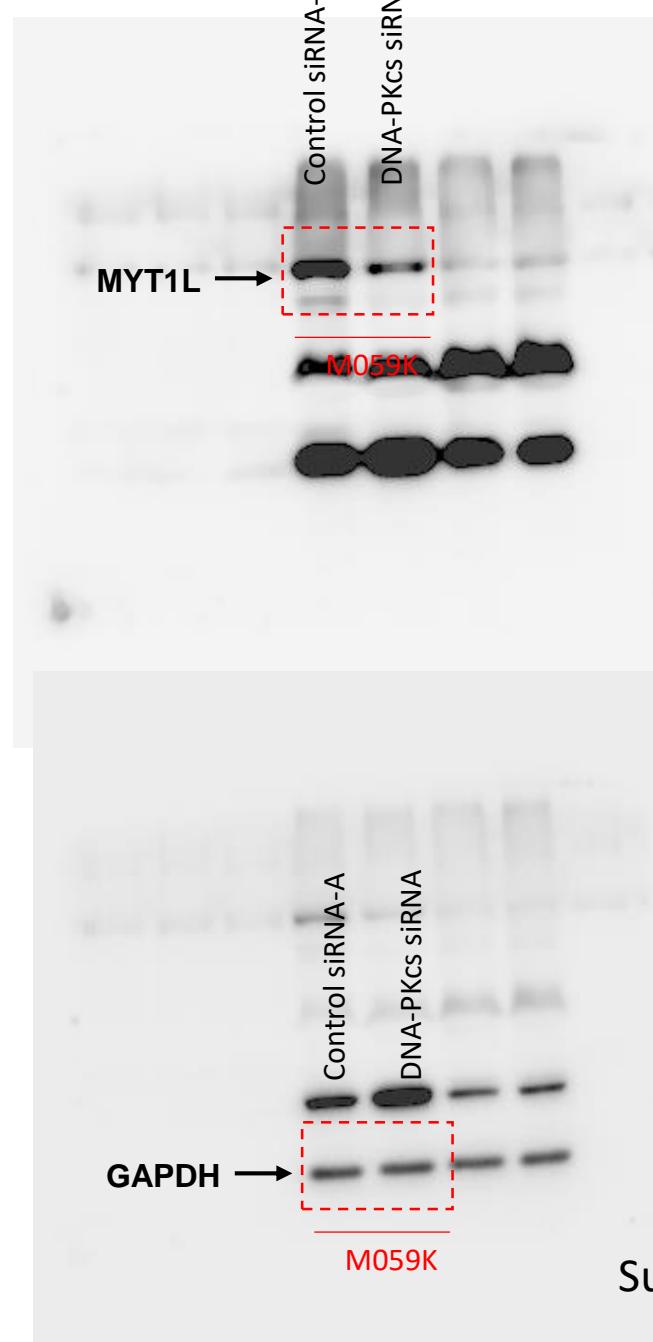
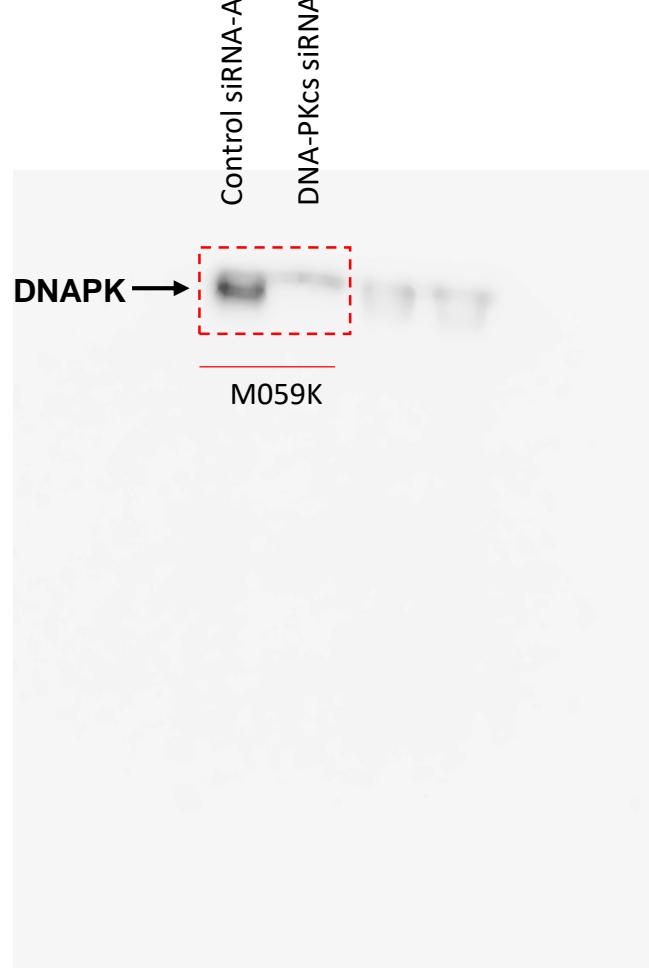
Supplementary Figure S3



Supplementary Figure S4



Supplementary Figure S4



Supplementary Figure S5