#### **SUPPLEMENTARY INFORMATION**

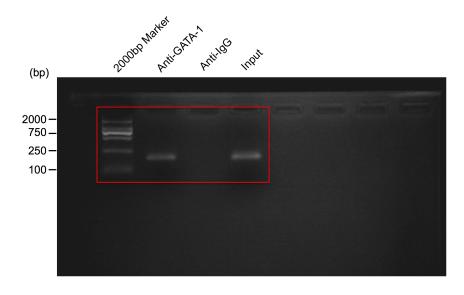
# Down-regulated GATA-1 up-regulates interferon regulatory factor 3 in lung adenocarcinoma

 $\label{eq:Lu-Lu-Wang} Lu-Lu\ Wang^1, Zheng-Sen\ Chen^2, Wen-Di\ Zhou^3, Jin\ Shu^4, Xiao-Hua\ Wang^5, Rui\ Jin^1, Li-Li\ Zhuang^1, Mir\ Alireza\ Hoda^6, Hao\ Zhang^{7*}, Guo-Ping\ Zhou^{1*}$ 

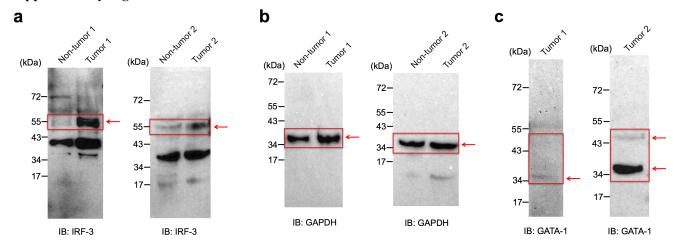
- <sup>1</sup> Dpartment of Pediatrics, The First Affiliated Hospital, Nanjing Medical University, Nanjing, Jiangsu Province, China,
- <sup>2</sup> Department of Urology, The Second Affiliated Hospital, Nanjing Medical University, Nanjing, Jiangsu Province, China,
- <sup>3</sup> Dpartment of Pediatrics, Huai'an First People's Hospital, Nanjing Medical University, Huai'an, Jiangsu Province, China,
- <sup>4</sup> Department of Pediatric Respiration, Affiliated Wuxi People's Hospital, Nanjing Medical University, Wuxi, Jiangsu Province, China,
- <sup>5</sup> Dpartment of Pediatrics, Nanjing First Hospital, Nanjing Medical University, Nanjing, Jiangsu Province, China,
- <sup>6</sup> Translational Thoracic Oncology Laboratory, Division of Thoracic Surgery, Department of Surgery, Comprehensive Cancer Center, Medical University Vienna, Vienna, Austria,
- <sup>7</sup> Department of Thoracic and Cardiovascular Surgery, Affiliated Hospital of Xuzhou Medical University, Xuzhou, Jiangsu Province, China.

Corresponding to: Guo-Ping Zhou, Email: guopingzhou@aliyun.com Hao Zhang, Email: zhanghao@xzhmu.edu.cn

### Supplementary Figure S1. Gel from the article.

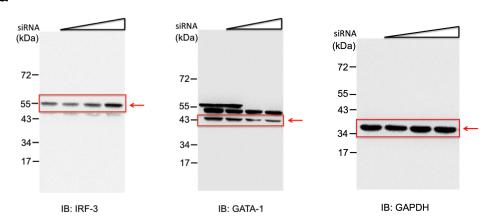


# Supplementary Figure S2. Western Blot from the article.

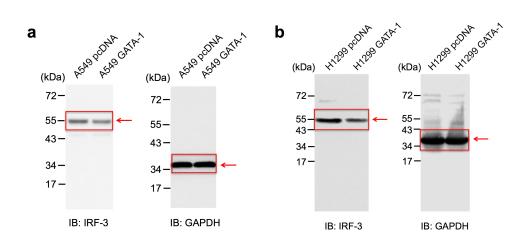


## Supplementary Figure S3. Western Blot from the article.

a



### Supplementary Figure S4.



**Supplementary Figure S5. Overexpression of GATA-1 level decreases IRF-3 protein expression.** (a) IRF-3 protein expression was decreased by overexpressed GATA-1 in HEK293 and HeLa cells. GAPDH was used as a loading control. Full-length blots are also presented.



