

## Electronic Supplementary Material

### Lnc-RP5 Regulates the miR-129-5p/Notch1/PFV Internal Promoter Axis to Promote the Expression of the Prototype Foamy Virus Transactivator Tas

Shanshan Xu<sup>1,2</sup>, LiuJun Chen<sup>2</sup>, Yinglian Tang<sup>2</sup>, Peipei Yuan<sup>2</sup>, Jun Yan<sup>2</sup>, Yingcheng Zheng<sup>2</sup>, Li Huang<sup>2,5</sup>, Zhi Li<sup>4</sup>, Yan Sun<sup>4</sup>, Song Han<sup>2,3</sup>, Jun Yin<sup>2,3</sup>, Qin Pan<sup>2</sup>, Biwen Peng<sup>2,3</sup>, Xiaohua He<sup>2,3</sup>, Wanhong Liu<sup>2,3</sup>✉

1. Department of Allergy, Zhongnan Hospital of Wuhan University, Wuhan 430071, China
2. Department of Immunology and Hubei Province Key Laboratory of Allergy and Immunology, School of Basic Medical Sciences, Wuhan University, Wuhan 430071, China
3. Hubei Provincial Key Laboratory of Developmentally Originated Disease, Wuhan 430071, China
4. College of Life Sciences, Shanxi Normal University, Xi'an 710062, China
5. Centre for Medical Research, Wuhan University, Wuhan 430071, China

Supporting information to DOI: 10.1007/s12250-019-00168-3

Table S1 Primers used in the study

Primer names	Sequences
lnc-RP5 Forward (full)	5'-CCGCTCGAGCCAAACTGAAGTTGCTGG-3'
lnc-RP5 Reverse (full)	5'-GGGGTACCACACGCACATGGTGCTCTG-3'
lnc-RP5 Forward	5'-CCACTGCCATGATCAGTTAGAA-3'
lnc-RP5 Reverse	5'-ATTGAGGGTCTGCCACTTTATC-3'
Notch1 Forward	5'-AGGCAATCCGAGGACTATGA-3'
Notch1 Reverse	5'-CTCAGAACGCACTCGTTGAT-3'
Tas Forward	5'-GGAACAATCAGATACTGACCCT-3'
Tas Reverse	5'-CCAACCTCAGGATCCCATCTT-3'
Gag Forward	5'-AATAGCGGGCGGGGACGACA-3'
Gag Reverse	5'-ATTGCCACGCACCCAGAGC-3'
Actin Forward	5'-CACGATGGAGGGGCCGACTCATC-3'
Actin Reverse	5'-TAAAGACCTCTATGCCAACACAGT-3'

Primers for U6 snRNA were purchased from Ribo Biotech (Guangzhou,China) which were protected by patent.

Table S2 Primers of siRNAs

Primer names	Sense Sequences (5'–3')	Antisense Sequences (5'–3')
<b>Lnc-RP5 siRNA:</b>		
siRNA-209	GCUGAUUCAAGCCGAUUATT	UAAUCGGCUUUGAAUCAGCTT
siRNA-1044	GGCAGACCCUCAAUUUAUUATT	UAAUAAUUGAGGGUCUGCCTT
siRNA-1857	GAAAUUCUGAACACUACUUATT	UAAGUAGUGUUCAGAUUUCTT
<b>Notch1 siRNA:</b>		
siRNA-780	GUCCAGGAAACAACUGCAATT	UUGCAGUUGUUCCUGGACTT
siRNA-2010	CAGGGAGCAUGUGUAACAUTT	AUGUUACACAUGCUCUCCUGTT
siRNA-3916	CGUCAUCAAUGGCUGCAAATT	UUUGCAGCCAUUGAUGACGTT