

Curriculum Vitae of Qi Zhao (赵 齐)

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[1] Personal information

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Github website: <https://github.com/likelet>

ResearchGate: https://www.researchgate.net/profile/Qi_Zhao11

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[2] Research Interests

Bioinformatics / Precision medicine / NGS data analysis / biosoftware development / Cancer genomics or informatics

[3] Education

2005.09 – 2009.07 B. Sc., Shaanxi University of Science & Technology

20011.09 – 2016.07 Ph. D., Sun Yat-sen University, Supervisor, Jian Ren.

[4] Employment

2016.9 –Present Postdoc with Dr. Rihua Xu, Sun Yat-sen University Cancer Center

[5] Selected Publications (#Co-first author, †Co-corresponding author)

Journal papers

Wang F[#], Liu DB[#], **Zhao Q[#]**, ..., Xu RH. The genomic landscape of small cell carcinoma of the oesophagus. *Cell Research*. 2018. 0:1-4. (**IF=15.39**)

Zhao Q, Xie YB, Zheng YY, Jiang S, Liu WZ, Mu WP, Liu ZX, Zhao Y, Xue Y, Ren J. GPS-SUMO: a tool for the prediction of sumoylation sites and SUMO-interaction motifs. *Nucleic Acids Research*. 2014. 42(W1): W325--W330. (**IF=11.56**)

Xie Y, Luo X, He Z, Zheng Y, Zuo Z, **Zhao Q[†]**, Miao YY[†], Ren J[†]. VirusMap: A visualization database for the influenza A virus. *Journal of Genetics and Genomics*, 44(5), 281–284. 2017. 44(5):281-284. (**IF=4.07**)

Zhao Q, Sun Y, Wang DY, Zhang HW, Yu K, Zheng J, Zuo ZX. LncPipe: A Nextflow-based pipeline for identification and analysis of long non-coding RNAs from RNA-Seq data. *Journal of Genetics and Genomics*. 2018. In press. (IF=4.07)

Zhao Q, Xie YB, Nie P, Diao RC, Sun LC, Zuo ZX, Ren J. IDEA: a web server for Interactive Differential Expression Analysis with R Packages. *BioRxiv*. 2018. <https://doi.org/10.1101/360461>.

Feng J, Ding C, Qiu N, Ni X, Zhan D, Liu W, Xia X, Li P, Lu B, **Zhao Q** et al. Firmiana: towards a one-stop proteomic cloud platform for data processing and analysis. *Nature Biotechnology*. 2017. 35(5):409-412. (IF=35.72)

Xu R-h, ..., **Zhao Q**, ..., Kang Z. Circulating tumour DNA methylation markers for diagnosis and prognosis of hepatocellular carcinoma. *Nature Materials*. 2017. 16(11):1155-+. (IF=39.23)

Kan G, He H, **Zhao Q**, Li X, Li M, Yang H, Kim JK. Functional dissection of the role of UHRF1 in the regulation of retinoblastoma methylome. *Oncotarget*. 2017. 8(24):39497-39511.

Liu H, Liu Q, Ge Y, **Zhao Q**, Zheng X, Zhao Y. hTERT promotes cell adhesion and migration independent of telomerase activity. *Scientific Reports*. 2016. 6:22886. (IF=4.122)

Liu H-Y, **Zhao Q**, Zhang T-P, Wu Y, Xiong Y-X, Wang S-K, Ge Y-L, He J-H, Lv P, Ou T-M et al. Conformation Selective Antibody Enables Genome Profiling and Leads to Discovery of Parallel G-Quadruplex in Human Telomeres. *Cell Chemical Biology*. 2016. 23(10):1261--1270. (IF=5.59)

Bai L, Wang F, Li Z-z, Ren C, Zhang D-s, **Zhao Q**, Lu Y-x, Wang D-s, Ju H-q, Qiu M-z et al. Chemotherapy plus bevacizumab versus chemotherapy plus cetuximab as first-line treatment for patients with metastatic colorectal cancer. *Medicine*. 2016. 95(51):e4531.

Liu W, Xie Y, Ma J, Luo X, Nie P, Zuo Z, Lahrmann U, **Zhao Q**, Zheng Y, Zhao Y et al. IBS: an illustrator for the presentation and visualization of biological sequences. *Bioinformatics*. 2015. 31(20):3359--3361. (IF=6.62)

Xie Y, Zheng Y, Li H, Luo X, He Z, Cao S, Shi Y, **Zhao Q**, Xue Y, Zuo Z et al. GPS-Lipid: a robust tool for the prediction of multiple lipid modification sites. *Scientific Reports*. 2016. 6:28249. (IF=4.122)

Li Z-S, Deng C-Z, Yao K, Tang Y, Liu N, Chen P, Wang B, Li X, Chen X-F, Liao H et al. Bilateral pelvic lymph node dissection for Chinese patients with penile cancer: a multicenter collaboration study. *Journal of Cancer Research and Clinical Oncology*. 2016. 143(2):329--335.

Li Z-S, Deng C-Z, Ye Y-L, Yao K, Guo S-J, Chen J-P, Li Y-H, Qin Z-K, Liu Z-W, Wang B et al. More precise prediction in Chinese patients with penile squamous cell carcinoma: protein kinase CK2 α catalytic subunit (CK2 α) as a poor prognosticator. *Oncotarget*. 2017. 8(31):51542--51550.

Li Z-S, Yao K, Li Y-H, Chen J-P, Deng C-Z, **Zhao Q**, Chen P, Wang B, Mi Q-W, Liu Z-W et al. Clinical significance of preoperative C-reactive protein and squamous cell carcinoma antigen levels in patients with penile squamous cell carcinoma. *BJU International*. 2015. 118(2):272--278. (IF=4.69)

Li Z-S, Chen P, Yao K, Wang B, Li J, Mi Q-W, Chen X-F, **Zhao Q**, Li Y-H, Chen J-P et al. Development of a new outcome prediction model for Chinese patients with penile squamous cell carcinoma based on preoperative serum C-reactive protein, body mass index, and standard pathological risk factors: the TNCS score group system. *Oncotarget*. 2016. 12;7(15):21023-33.

Zhang Q, Chen L, Cui S, Li Y, **Zhao Q**, Cao W, Lai S, Yin S, Zuo Z, Ren J. Expression and regulation of long noncoding RNAs during the osteogenic differentiation of periodontal ligament stem cells in the inflammatory microenvironment. *Scientific Reports*. 2017. 7(1):13991. (IF=4.122)

Li Z-Z, Wang F, Zhang Z-C, Wang F, **Zhao Q**, Zhang D-S, Wang F-H, Wang Z-Q, Luo H-Y, He M-M et al. Mutation profiling in chinese patients with metastatic colorectal cancer and its correlation with clinicopathological features and anti-EGFR treatment response. *Oncotarget*. 2016. 7(19):28356-68.

Shi C, Yin J, Liu Z, Wu J-X, **Zhao Q**, Ren J, Yao N. A systematic simulation of the effect of salicylic acid on sphingolipid metabolism. *Frontiers in Plant Science*. 2015. 6:186. (IF=3.68)

[6] Softwares

GPS-SUMO: <http://sumosp.biocuckoo.org>

IBS: <http://ibs.biocuckoo.org>

IDEA: <https://github.com/likelet/IDEA>; <http://idea.renlab.org>

LncPipe: <https://github.com/likelet/LncPipe>

CrossICC: <https://github.com/bioinformatist/CrossICC>