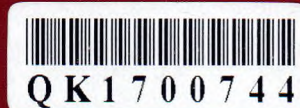


Cell Research



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Naïve CD4⁺ T cell recruitment causes immunosuppression in cancer
An engineered TALE system for live-cell imaging of chromatin
Lipid-dependent conformational dynamics underlie TCR functional versatility
DNA methylation dynamics during monkey embryogenesis
HnRNP A1 ubiquitylation links EGF signaling to splicing regulation



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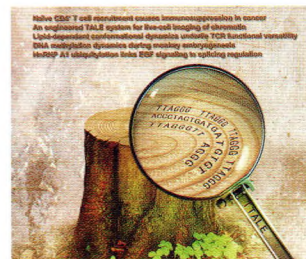
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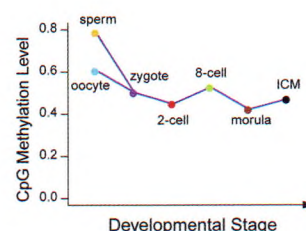
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Cover: Thioredoxin-fused TALE (TTALE) is developed as a robust tool to precisely visualize aging-associated alterations in genomic repetitive elements, including physical attrition of telomeric DNA repeats and NOR-rDNA repeats, as well as decondensation of centromeric DNAs. See page 483-504 by Ruotong Ren *et al.* for details. The cover was conceived by Guanghui Liu and executed by Yizhu Wang (YZDS Beijing) and Chuang Zhao (PNSO Beijing).



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Reversible transition between hepatocytes and liver progenitors for *in vitro* hepatocyte expansion

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doi:10.1038/cr.2017.47

Structural basis of stringent PAM recognition by CRISPR-C2c1 in complex with sgRNA

Dan Wu, Xiaoyu Guan, Yuwei Zhu, Kuan Ren and Zhiwei Huang

doi:10.1038/cr.2017.46

Fasting-induced hormonal regulation of lysosomal function *Open*

Liqun Chen, Ke Wang, Aijun Long, Liangjie Jia, Yuanyuan Zhang, Haiteng Deng, Yu Li, Jinbo Han and Yiguo Wang

doi:10.1038/cr.2017.45



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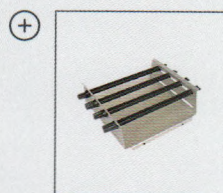
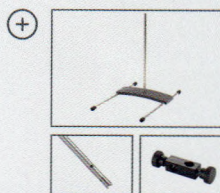
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