|  |  |
| --- | --- |
|

|  |
| --- |
|  |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |
| --- |
| New Issue Alert |

 |

|  |
| --- |
| 06/06/2017 |

 |

 |

 |
|

|  |  |
| --- | --- |
| Dear Reader,We are pleased to deliver your requested table of contents alert for **Science China Life Sciences**. [**Volume 60 Number 5**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I12&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=aMawPI5MZEVdS_t5xvlTXc0Q65Yy5by2dlam6OUqMsE&e=) is now available online.SPECIAL TOPIC: Genome editing in genetic therapy and agriculture |  |

 |
| Important news |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
| **Change the World: Read 180 articles nominated by our Editors-in-Chief**We asked our Editors-in-Chief to nominate just one journal article published in 2016 that could help humanity and protect and preserve our planet. Read 180 groundbreaking articles that have the potential to change the world! All selected articles are freely accessible! [» Learn more](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I14&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=A5W4CRP45n0cI1c-c29zNAKKdkyWlnM32dOXhdXI6rg&e=) |

|  |
| --- |
|  |

 |

 |

 |
| In this issue |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Editorial |  |

Anything impossible with CRISPR/Cas9?Renjie Jiao & Caixia Gao |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I15&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=ZXWizAf4Y3EcpJxp0XowDqyrfV-5IUBTr_5r7s30wdI&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I16&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=1zUol4j4x3kDvBX9EySRrnQMOf7Wam0uTjJV0Xssuwg&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Review |  |

CRISPR/Cas9-mediated correction of human genetic diseaseKe Men, Xingmei Duan, Zhiyao He, Yang Yang, Shaohua Yao & Yuquan Wei |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I17&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=ulQhHd3wDmX-Yql6wRNQbGX_U8rr5okdLrqw_1g8MEI&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I18&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=JZ9WN49SdPjJi6bNrCpkpwaZ26WZu4SWXrL89TYD5oU&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Review |  |

Non-viral and viral delivery systems for CRISPR-Cas9 technology in the biomedical fieldZhi-Yao He, Ke Men, Zhou Qin, Yang Yang, Ting Xu & Yu-Quan Wei |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I19&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=9hHPPgvvAGPbX9Zkf3EoAwnoU2vjnB4rV0XCLDvxo-M&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1a&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=0UN93nZi-M1W2_dsLGq3PrIPfIxgDhSh9qO4PWdjvho&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Review |  |

CRISPR/Cas9 system: a powerful technology for *in vivo* and *ex vivo* gene therapyXiaohui Zhang, Liren Wang, Mingyao Liu & Dali Li |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1b&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=SZnCLHbx8BcU14cuHKbKnoggXiH33tqbTvlf-b5hQUw&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1c&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=eG2NbrgLtPRV0wrWb8mfT7_51PXzg1F60xL44fdcRVs&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Review |  |

Genome editing in *Drosophila melanogaster*: from basic genome engineering to the multipurpose CRISPR-Cas9 systemXingjie Ren, Kristof Holsteens, Haiyi Li, Jin Sun, Yifan Zhang, Lu-Ping Liu, Qingfei Liu & Jian-Quan Ni |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1d&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=OjgjCiBM1oUr-ZdQRo9ZlrL5ySOYo3cmQaLDUjm9by0&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1e&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=pn5C0yR1KJV_Lwk4pQZ0onBC9yFgfk9iGBW_D1dFlAg&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Review |  |

Current and future editing reagent delivery systems for plant genome editingYidong Ran, Zhen Liang & Caixia Gao |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1f&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=1Sz1Aat0FmWy_PPMzbqTh756upTwu9H8wPhie2HtfuU&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1g&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=5WvobwepppUUN-zTLaHMkjghQpxEPMZewXySjFprOXw&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Research Paper |  |

Rapid generation of genetic diversity by multiplex CRISPR/Cas9 genome editing in riceLan Shen, Yufeng Hua, Yaping Fu, Jian Li, Qing Liu, Xiaozhen Jiao, Gaowei Xin, Junjie Wang, Xingchun Wang, Changjie Yan & Kejian Wang |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1h&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=dA8pFW-7rnvPNrFcToZX_wI64lNSPrC74fvwgpgmkRM&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1i&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=M2Qvs2m7uCZNq3NNCxxAjRP3cnn5yIWvGu8t5131-cM&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Letter to the Editor |  |

A CRISPR/Cas9 toolkit for efficient targeted base editing to induce genetic variations in riceBin Ren, Fang Yan, Yongjie Kuang, Na Li, Dawei Zhang, Honghui Lin & Huanbin Zhou |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1j&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=nd_VWOzMjMUw1jwlCZlOTI5p8Qd3zYzjSDY8VkyrRMg&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1k&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=LExaYhXX4C4P5cNM6DyRdpRYXfpteuH01Egf5dpAXsg&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Letter to the Editor |  |

CRISPR/Cas9-mediated base-editing system efficiently generates gain-of-function mutations in *Arabidopsis*Yiyu Chen, Zhiping Wang, Hanwen Ni, Yong Xu, Qijun Chen & Linjian Jiang |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1l&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=haeltI7ecJbnrf299mYNDx0d80y9dUaKf6UIV_wWrSA&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1m&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=59u3MyQ0qt4jGnCGOmf4pbwZbGep-IG6jm2wfglSlTg&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Letter to the Editor |  |

Increased lateral root formation by CRISPR/Cas9-mediated editing of arginase genes in cottonYanling Wang, Zhigang Meng, Chengzhen Liang, Zhaohong Meng, Yuan Wang, Guoqing Sun, Tao Zhu, Yongping Cai, Sandui Guo, Rui Zhang & Yi Lin |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1n&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=byJNI8b-LHVK5nRYbomDfOrQWMRz7IgBDd2zo1SHXl8&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1o&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=qGKbKc1mDv3sscZLnP0-2kymrGDFx-ztafNz-SaYDLk&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Research Paper |  |

PSG9 promotes angiogenesis by stimulating VEGFA production and is associated with poor prognosis in hepatocellular carcinomaWeiqi Rong, Lei Yang, Liyuan Yin, Yanning Gao, Ting Xiao & Shujun Cheng |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1p&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=yOsE1XiIh34XuEGogN49cnl5xvyqWb6sejkI41zbznM&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1q&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=63isGGvY9SZh_mlP8LScQZFRmvwJaL6vsd7QNqLYzc8&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Research Paper |  |

Phylogenetic constrains on mycorrhizal specificity in eight *Dendrobium*(Orchidaceae) speciesXiaoke Xing, Xueting Ma, Jinxin Men, Yanhong Chen & Shunxing Guo |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1r&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=_xK8XCfggxxGADy1LNwln4AH1w6CT2OtN8aMM884Hk8&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1s&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=snleDiAoRr9xOhffNby6Hyj1zHxoFhf7j-F5pmXiHqw&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Insight |  |

Poisoning the pika: must protection of grasslands be at the expense of biodiversity?Lan Wu & Hao Wang |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1t&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=TQiJq7buU_NbulZFzWa5phcAhblHW48eG_qC0RJ1xdE&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1u&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=svCpQoBOSgBDiPUJIpyXc04pq8VjWVaMQ_N_6rZ__W4&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Insight |  |

Water regulation: a Sword of Damocles for migratory waterbirds in China?Yifei Jia, Guangchun Lei & Xiubo Yu |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1v&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=8tt04XHJGNT7gHodP61xt2vsj8VdDPxqwaVcgvitOms&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1w&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=1TKxS9e1EK_nqS_e5elzvReMorgWdseU1U2a0r1i3Zo&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Insight |  |

Conservation planning beyond giant pandas: the need for an innovative telecoupling frameworkFang Wang & Jianguo Liu |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1x&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=m25vUlO_s1oSmAfwEh0Erw66l0CPiOS4tCKtlfibNsw&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1y&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=sfar4AsXayyHggvn_5abnV0mQbPgaXqIJ3_efJBWvcs&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Research Highlight |  |

A novel strategy to generate virus vaccines with expanded genetic codesDeyin Guo |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I1z&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=HRd2lE9xV-MlU7yK5-JVKBfDu_-SfF2A8Z16g8RlItY&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I20&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=ejyxiOIkVM0HqWNjD4M7SaQrY3Cap-L2r_NJYQ3RaOw&e=) |

 |

 |
|

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| Research Highlight |  |

SynV and SynX: A story more than DNA synthesisHengqian Ren & Huimin Zhao |

 |
|

|  |  |
| --- | --- |
|

|  |
| --- |
| [**» Abstract**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I21&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=XdXEpZwtC9M8lvPlytOWkLvcyuAPw8MDhJzQgs3zMgo&e=)   [**» Full text PDF**](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I22&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=5t-4z3qcGjeN-iALkl-bfQVFvoh_iYmUDzF9lqzapnk&e=) |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|  |  | Do you want to publish your article in this journal?Please visit the [homepage of Science China Life Sciences](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I23-23realtime&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=2jTk5YLTzuMAke7h65RfcuOZgqMrJz3tdY4W67dlpuE&e=)for full details on:        aims and scope        editorial policy        article submission**Impact Factor: 2.297 (2015)**Journal Citation Reports®, Thomson Reuters |

 |

 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
|  |  | Sign up for SpringerAlerts!Register for Springer’s email services providing you with info on the latest books in your field. [» Click here](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I24&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=d0m8eBRrsDugLefmkwYwKTycB1rjwoJPTDoJUlcp3K0&e=) |

 |

 |

 |
|  |
| This email has been sent to [hkx@scichina.org](http://hkx@scichina.org/) You are receiving this email because you have opted to receive information from SpringerAlerts as a registered user of our Table of Content Alert for journals.To ensure the delivery to your inbox, please add the sender address springer@alerts.springer.comto your allow list.To modify your subscription (including change of email address etc.), please go to[springer.com/alertprofile](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I25&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=bUsjJccHgbuj3JgzQcpaPlOEknPk6sKRjiZBbN69JN8&e=)and log in with your email address and password.To unsubscribe from this specific table of contents alert, please [click here.](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.springer.com_tocUnsubscribe.jsp-3Femail-3Dhkx-40scichina.org-26journal-3D11427-26checkval-3Decae088df72e72eac91ab29121e37bac&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=L2SNlAPxWXHLhsZF1BkTMcwnv_0qAK4r9LW-OQ_xbB0&e=) To unsubscribe from ALL table of contents alerts, please [click here.](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.springer.com_tocUnsubscribe.jsp-3Femail-3Dhkx-40scichina.org-26checkval-3Dbc6debdb1bc383ba4597df542f1c7401&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=NPRtk_6rlCGYCameCF5GCI3_555TMPLBiQYt2p5syY8&e=) For all enquiries, problems or suggestions regarding this service, please contactonlineservice@springer.com.Springer respects your privacy and does not disclose, sell or rent your personal information to any nonaffiliated third parties without your consent. Please visit the [Springer Privacy Statement](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I26&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=tEGLWTcUoR6K08swkNOM72XCNV68Vq3dku1TkQo2Kr4&e=).Springer-Verlag GmbH Heidelberg, Tiergartenstrasse 17, 69121 Heidelberg, Germany, phone: +49 6221 487 0, fax: +49 6221 487 8366© Springer 2017, [springer.com](https://urldefense.proofpoint.com/v2/url?u=http-3A__alerts.springer.com_re-3Fl-3DD0In671gaI6gyt153I27&d=DwMFaQ&c=ZQs-KZ8oxEw0p81sqgiaRA&r=rOMURTZ4fslq9dKzVxltN4xNU-D2Ru1wiL30akyNmwk&m=enfDvyaiiYaUWojf3nReO0opPhbENekLkem1Ph1A2YE&s=tcY-qYZlgFUqBtzqIfbgE12ui5HKLES0seV_yo0fGz0&e=) |