COI-based barcoding of Chinese vipers (Reptilia: Squamata: Viperidae)

Qin Liu^{1,2}, Fei Zhu^{1,2}, Guanghui Zhong^{1,3}, Yunyu Wang⁴, Min Fang¹, Rong Xiao¹, Yansen Cai⁵, Peng Guo^{1,*}

¹College of Life Sciences and Food Engineering, Yibin University, Yibin 644007, China

²College of Life Sciences, Sichuan University, Chengdu 610064, China

³College of Tourism and Urban-Rural Planning, Chengdu University of Technology, Chengdu 610059, China

⁴State Key Laboratory of Genetic Resources and Evolution, Kunming Institute of Zoology, Chinese Academy of Sciences, Kunming, 650223, China

⁵Department of Medical Biology and Genetics, Luzhou Medical College, Luzhou, 646000, China

Supplementary Material

Table S1. List of specimens with localities. GP: author's personal catalogue; KIZ: Kunming Institute of Zoology, the Chinese Academy of

 Sciences; IEBR: Institute of Ecology and Biological Resources, Hanoi; ZFMK: Zoologisches Forschungsinstitut und Museum Alexander Koenig,

 Bonn. # indicates the sequences were retrieved from GenBank.

| Taxa (Species) | Voucher no. | Genbank no. | BIN no. | Locality |
|------------------------|------------------|-------------------|--------------|--------------------|
| Azemiops feae | GP616 | KP403569 | BOLD:ACV0634 | Anxian, Sichuan |
| Azemiops feae | GP617 | KP403570 | BOLD:ACV0634 | Anxian, Sichuan |
| Daboia siamensis | GP1 | KP403682 | BOLD:AAI9655 | Guangxi |
| Daboia siamensis | GP2 | KP403683 | BOLD:AAI9655 | Thailand |
| Daboia siamensis | S-04 | KF698971 # | - | Jiangxi |
| Daboia siamensis | S-05 | KF698972 # | - | Jiangxi |
| Deinagkistrodon acutus | GP54 | KP403580 | BOLD:AAE7483 | Huangshan, Anhui |
| Deinagkistrodon acutus | GP101 | KP403581 | BOLD:ACC5654 | Chongqing |
| Deinagkistrodon acutus | GP102 | KP403582 | BOLD:ACC5654 | Chongqing |
| Deinagkistrodon acutus | GP103 | KP403583 | BOLD:ACC5654 | Chongqing |
| Deinagkistrodon acutus | GP184 | KP403584 | BOLD:ACC5654 | Guilin, Guangxi |
| Deinagkistrodon acutus | GP482 | KP403585 | BOLD:AAE7483 | Huangshan, Anhui |
| Deinagkistrodon acutus | GP2337 | KP403586 | BOLD:ACC5654 | Leishan, Guizhou |
| Deinagkistrodon acutus | TP-7 | JQ658431 # | - | Jiangxi |
| Deinagkistrodon acutus | TP-8 | JQ658432 # | - | Guangxi |
| Deinagkistrodon acutus | TP-13 | JQ658433 # | - | Hunan |
| Gloydius brevicaudus | GP52 | KP403587 | BOLD:ACV0124 | Huangshan, Anhui |
| Gloydius brevicaudus | GP53 | KP403588 | BOLD:ACV0124 | Huangshan, Anhui |
| Gloydius brevicaudus | GP195 | KP403589 | BOLD:ACB4072 | Huanren, Liaoning |
| Gloydius brevicaudus | GP628 | KP403590 | BOLD:ACB4072 | Kuandian, Liaoning |
| Gloydius brevicaudus | GP1027 | KP403591 | BOLD:ACV0124 | South of China |
| Gloydius brevicaudus | GP1099 | KP403592 | BOLD:ACB4072 | Dalian, Liaoning |
| Gloydius brevicaudus | GP1480 | KP403593 | BOLD:ACB4072 | Xinlong, Hebei |
| Gloydius brevicaudus | NIBRRP0000100264 | JQ798883 # | - | Sinan-gun,Korea |
| Gloydius brevicaudus | NIBRRP0000100276 | JQ798884 # | - | Sinan-gun,Korea |
| Gloydius brevicaudus | NIBRRP0000100265 | JQ798885# | - | Sinan-gun,Korea |

| Gloydius brevicaudus | ZB-8 | KC841452 # | - | Yongzhou, Hunan |
|-----------------------|------------------|-------------------|--------------|---------------------|
| Gloydius brevicaudus | ZB-9 | KC841453 # | - | Yongzhou, Hunan |
| Gloydius intermedius | GP188 | KP403594 | BOLD:AAA8330 | Xinjiang |
| Gloydius intermedius | GP465 | KP403595 | BOLD:AAC6073 | Xinjiang |
| Gloydius intermedius | GP3072 | KP403596 | BOLD:ACV1406 | Yan'an, Shaanxi |
| Gloydius intermedius | GP3073 | KP403597 | BOLD:ACV1406 | Yan'an, Shaanxi |
| Gloydius lijianlii | GP1162 | KP403608 | BOLD:ACV0199 | Yantai, Shandong |
| Gloydius lijianlii | GP1163 | KP403609 | BOLD:ACV0199 | Yantai, Shandong |
| Gloydius lijianlii | GP1164 | KP403610 | BOLD:ACV0199 | Yantai, Shandong |
| Gloydius liupanensis | GP198 | KP403598 | BOLD:ACV0723 | Liupanshan, Ningxia |
| Gloydius liupanensis | GP206 | KP403599 | BOLD:ACV0723 | Liupanshan, Ningxia |
| Gloydius liupanensis | GP215 | KP403600 | BOLD:ACV0723 | Liupanshan, Ningxia |
| Gloydius qinlingensis | GP197 | KP403601 | BOLD:ACV0428 | Zhouzhi, Shaanxi |
| Gloydius qinlingensis | GP3076 | KP403602 | BOLD:ACV0428 | Zhouzhi, Shaanxi |
| Gloydius qinlingensis | GP3077 | KP403603 | BOLD:ACV0428 | Zhouzhi, Shaanxi |
| Gloydius qinlingensis | GP3078 | KP403604 | BOLD:ACV0428 | Zhouzhi, Shaanxi |
| Gloydius saxatilis | GP190 | KP403605 | BOLD:AAA8329 | Huanren, Liaoning |
| Gloydius saxatilis | GP191 | KP403606 | BOLD:AAA8329 | Huanren, Liaoning |
| Gloydius saxatilis | GP629 | KP403607 | BOLD:AAA8329 | Kuandian, Liaoning |
| Gloydius saxatilis | GP1328 | KP403611 | BOLD:AAA8329 | Ji'an,Jilin |
| Gloydius saxatilis | GP1329 | KP403612 | BOLD:AAA8329 | Ji'an,Jilin |
| Gloydius saxatilis | GP1330 | KP403613 | BOLD:AAA8329 | Tonghua, Jilin |
| Gloydius saxatilis | GP1350 | KP403614 | BOLD:AAA8329 | Huanren, Liaoning |
| Gloydius saxatilis | NIBRRP0000100251 | JQ798881# | - | Hwaseongsi, Korea |
| Gloydius saxatilis | NIBRRP0000100199 | JQ798882# | - | Samcheok-si, Korea |
| Gloydius shedaoensis | GP1116 | KP403615 | BOLD:ACV0838 | Dalian, Liaoning |
| Gloydius shedaoensis | GP1119 | KP403616 | BOLD:ACV0838 | Dalian, Liaoning |
| Gloydius shedaoensis | GP1132 | KP403617 | BOLD:ACV0838 | Dalian, Liaoning |
| Gloydius strauchi | GP106 | KP403618 | BOLD:ACV0602 | Ruoergai, Sichuan |

| Gloydius strauchi | GP175 | KP403619 | BOLD:ACV0983 | Heishui, Sichuan |
|------------------------|------------------|-------------------|--------------|---------------------|
| Gloydius strauchi | GP2322 | KP403620 | BOLD:ACV0603 | Shiqu, Sichuan |
| Gloydius strauchi | GP2323 | KP403621 | BOLD:ACV0603 | Shiqu, Sichuan |
| Gloydius strauchi | GP2324 | KP403622 | BOLD:ACV0603 | Shiqu, Sichuan |
| Gloydius ussuriensis | GP192 | KP403623 | BOLD:AAA8331 | Huanren, Liaoning |
| Gloydius ussuriensis | GP194 | KP403624 | BOLD:AAA8331 | Huanren, Liaoning |
| Gloydius ussuriensis | GP1319 | KP403625 | BOLD:AAA8331 | Huanren, Liaoning |
| Gloydius ussuriensis | GP1326 | KP403626 | BOLD:AAA8331 | Ji'an, Jilin |
| Gloydius ussuriensis | GP1327 | KP403627 | BOLD:AAA8331 | Ji'an, Jilin |
| Gloydius ussuriensis | GP1331 | KP403628 | BOLD:AAA8331 | Tonghua, Jilin |
| Gloydius ussuriensis | GP1332 | KP403629 | BOLD:AAA8331 | Tonghua, Jilin |
| Gloydius ussurensis | GP1333 | KP403630 | BOLD:AAA8331 | Tonghua, Jilin |
| Gloydius ussurensis | NIBRRP0000100352 | JQ798886# | - | Sacheon-si, Korea |
| Gloydius ussurensis | NIBRRP0000100367 | JQ798887 # | - | Incheon, Korea |
| Himalayophis tibetanus | GP149 | KP403631 | BOLD:ACV0059 | Zhangmu, Xizang |
| Himalayophis tibetanus | GP150 | KP403632 | BOLD:ACV0059 | Zhangmu, Xizang |
| Ovophis makazayazaya | GP21 | KP403633 | BOLD:ACU9983 | Huili, Sichuan |
| Ovophis makazayazaya | GP214 | KP403634 | BOLD:ACU9981 | Anxian, Sichuan |
| Ovophis makazayazaya | GP343 | KP403635 | BOLD:ACU9980 | Shimen, Hunan |
| Ovophis makazayazaya | GP1083 | KP403636 | BOLD:ACU9981 | Changning, Sichuan |
| Ovophis makazayazaya | GP3086 | KP403637 | BOLD:ACU9981 | Shiyan, Hubei |
| Ovophis tonkinensis | GP1632 | KP403638 | BOLD:ACV1715 | Maoming, Guangdong |
| Ovophis tonkinensis | GP2051 | KP403639 | BOLD:ACV1716 | Longzhou, Guangdong |
| Ovophis tonkinensis | GP2140 | KP403640 | BOLD:ACV0860 | Diaoluoshan, Hainan |
| Ovophis zayuensis | GP89 | KP403641 | BOLD:ACV0859 | Chayu, Xizang |
| Ovophis zayuensis | GP91 | KP403642 | BOLD:ACV0859 | Chayu, Xizang |
| Ovophis zayuensis | GP557 | KP403643 | BOLD:ACV0859 | Pailong, Xizang |
| Popeia popeiorum | GP3326 | KP403685 | BOLD:ACS7021 | Jinghong, Yunnan |
| Popeia popeiorum | GP3327 | KP403686 | BOLD:ACS7021 | Jinghong, Yunnan |

| Popeia popeiorum | GP3329 | KP403687 | BOLD:ACS7021 | Jinghong, Yunnan |
|------------------------------|--------------------------------|-------------------|--------------|---------------------|
| Popeia popeiorum | GP3330 | KP403688 | BOLD:ACS7021 | Jinghong, Yunnan |
| Popeia popeiorum | GP3331 | KP403689 | BOLD:ACS7021 | Jinghong, Yunnan |
| Popeia popeiorum | GP3332 | KP403690 | BOLD:ACS7021 | Jinghong, Yunnan |
| Popeia popeiorum | GP3333 | KP403691 | BOLD:ACS7021 | Jinghong, Yunnan |
| Popeia popeiorum | GP3334 | KP403692 | BOLD:ACS7021 | Jinghong, Yunnan |
| Popeia popeiorum | GP3335 | KP403693 | BOLD:ACS7021 | Jinghong, Yunnan |
| Popeia popeiorum | GP3336 | KP403694 | BOLD:ACS7021 | Jinghong, Yunnan |
| Popeia popeiorum | KIZ01471 | KP403695 | BOLD:ACS7021 | Mengla, Yunnan |
| Popeia popeiorum | KIZ01541 | KP403696 | BOLD:ACS7021 | Mengla, Yunnan |
| Protobothrops cornutus | IEBR A2014.28/CB 2011.2 | KP403644 | BOLD:ACV0852 | Cao Bang, Vietnam |
| Protobothrops cornutus | IEBR A2014.31/PNKB 2011.300 | KP403645 | BOLD:ACV0853 | Quang Binh, Vietnam |
| Protobothrops dabieshanensis | GP2631 | KP403646 | BOLD:ACU8513 | Yuexi, Anhui |
| Protobothrops himalayanus | GP3163 | KP403647 | BOLD:ACV1404 | Jilong, Xizang |
| Protobothrops jerdonii | GP9 | KP403648 | BOLD:ACV0340 | Anxian, Sichuan |
| Protobothrops jerdonii | GP12 | KP403649 | BOLD:ACV1003 | Huili, Sichuan |
| Protobothrops jerdonii | GP13 | KP403650 | BOLD:ACV1003 | Huili, Sichuan |
| Protobothrops jerdonii | GP345 | KP403651 | BOLD:ACV0945 | Shimen, Hunan |
| Protobothrops jerdonii | GP346 | KP403652 | BOLD:ACV0945 | Shimen, Hunan |
| Protobothrops jerdonii | GP853 | KP403653 | BOLD:ACV0944 | Foping,Shaanxi |
| Protobothrops jerdonii | GP855 | KP403654 | BOLD:ACV0944 | Foping,Shaanxi |
| Protobothrops jerdonii | GP1084 | KP403655 | BOLD:ACU9909 | Henan |
| Protobothrops jerdonii | GP1085 | KP403656 | BOLD:ACU9909 | Henan |
| Protobothrops jerdonii | ZL-PV-111111 | JX233624 # | - | Hunan |
| Protobothrops kaulbacki | GP112 | KP403657 | BOLD:ACV0904 | Motuo, Xizang |
| Protobothrops kaulbacki | GP550 | KP403658 | BOLD:ACV0904 | Linzhi, Xizang |
| Protobothrops mangshanensis | GP17 | KP403659 | BOLD:ACH4986 | Yizhang, Hunan |
| Protobothrops mangshanensis | H1 | JX233619 # | - | Guangdong |

| Protobothrops maolanensis | GP1883 | KP403660 | BOLD:ACU8512 | Libo, Guizhou |
|-------------------------------|--------------------------|-------------------|--------------|----------------------|
| Protobothrops maolanensis | GP1884 | KP403661 | BOLD:ACU8512 | Libo, Guizhou |
| Protobothrops maolanensis | GP1902 | KP403662 | BOLD:ACU8512 | Libo, Guizhou |
| Protobothrops maolanensis | GP1903 | KP403663 | BOLD:ACU8512 | Libo, Guizhou |
| Protobothrops mucrosquamatus | GP29 | KP403664 | BOLD:ACV1327 | Yibin, Sichuan |
| Protobothrops mucrosquamatus | GP31 | KP403665 | BOLD:ACV1327 | Hongya,Sichuan |
| Protobothrops mucrosquamatus | GP32 | KP403666 | BOLD:ACV1327 | Hongya,Sichuan |
| Protobothrops mucrosquamatus | GP134 | KP403667 | BOLD:ACV1327 | Tongjiang, Sichuan |
| Protobothrops mucrosquamatus | GP136 | KP403668 | BOLD:ACV1327 | Tongjiang, Sichuan |
| Protobothrops mucrosquamatus | GP402 | KP403669 | BOLD:ACH9701 | Ruyuan, Guangdong |
| Protobothrops mucrosquamatus | GP997 | KP403670 | BOLD:ACH9702 | Cenxi, Guangxi |
| Protobothrops mucrosquamatus | GP1043 | KP403671 | BOLD:ACV1327 | Luxi, Hunan |
| Protobothrops mucrosquamatus | GP2472 | KP403672 | BOLD:ACV1327 | Pingyang, Guizhou |
| Protobothrops mucrosquamatus | CH1 | JX233625 # | - | Conghua, Guangdong |
| Protobothrops trungkhanhensis | ZFMK 93774/CB 2012.53 | KP403673 | BOLD:ACV1573 | Vietnam |
| Protobothrops trungkhanhensis | IEBR A2014.29/CB 2012.74 | KP403674 | BOLD:ACV1573 | Vietnam |
| Protobothrops xiangchengensis | GP26 | KP403675 | BOLD:ACV1483 | Jiulong, Sichuan |
| Protobothrops xiangchengensis | GP27 | KP403676 | BOLD:ACV1483 | Jiulong, Sichuan |
| Sinovipera sichuanensis | GP7 | KP403677 | BOLD:ACV0419 | Hejiang, Sichuan |
| Sinovipera sichuanensis | GP2950 | KP403678 | BOLD:ACV0419 | Jiangkou, Guizhou |
| Sinovipera sichuanensis | GP2952 | KP403679 | BOLD:ACV0419 | Jiangkou, Guizhou |
| Trimeresurus albolabris | GP4 | KP403571 | BOLD:ABZ0912 | Hainan |
| Trimeresurus albolabris | GP5 | KP403572 | BOLD:ABZ0912 | Hainan |
| Trimeresurus albolabris | GP6 | KP403573 | BOLD:ABZ0912 | Fujian |
| Trimeresurus albolabris | GP978 | KP403574 | BOLD:ABZ0912 | Cenxi, Guangxi |
| Trimeresurus albolabris | GP979 | KP403575 | BOLD:ABZ0912 | Cenxi, Guangxi |
| Trimeresurus albolabris | GP1591 | KP403576 | BOLD:ABZ0912 | Zhanjiang, Guangdong |
| Trimeresurus albolabris | GP1592 | KP403577 | BOLD:ABZ0912 | Zhanjiang, Guangdong |
| Trimeresurus albolabris | GP1895 | KP403578 | BOLD:ABZ0912 | Qinzhou, Guangxi |

| Trimeresurus albolabris | GP1896 | KP403579 | BOLD:ABZ0912 | Qinzhou, Guangxi |
|-------------------------|-----------|-----------|--------------|----------------------|
| Trimeresurus albolabris | H4 | JX233622# | - | Zhongshan, Guangdong |
| Trimeresurus albolabris | H22 | KC171175# | - | Guangzhou, Guangdong |
| Trimeresurus albolabris | ROM 30993 | KC291050# | - | Hong Kong |
| Trimeresurus albolabris | ROM 30994 | KC291059# | - | Hong Kong |
| Trimeresurus albolabris | ROM 30854 | KC291060# | - | Vinh Phuc, Vietnam |
| Trimeresurus albolabris | ROM 30177 | KC291061# | - | Vinh Phuc, Vietnam |
| Trimeresurus albolabris | ROM 35301 | KC291062# | - | Hia Duong, Vietnam |
| Trimeresurus albolabris | ROM 35304 | KC291063# | - | Hai Duong, Vietnam |
| Trimeresurus albolabris | ROM 35303 | KC291064# | - | Hai Duong, Vietnam |
| Trimeresurus albolabris | ROM 35299 | KC291065# | - | Hai Duong, Vietnam |
| Trimeresurus albolabris | ROM 35302 | KC291066# | - | Hai Duong, Vietnam |
| Trimeresurus albolabris | ROM 35300 | KC291067# | - | Hai Duong, Vietnam |
| Trimeresurus albolabris | ROM 37592 | KC291075# | - | Kon Tum, Vietnam |
| Trimeresurus albolabris | ROM 37595 | KC291077# | - | Kon Tum, Vietnam |
| Trimeresurus albolabris | ROM 39389 | KC291078# | - | Lao Cai, Vietnam |
| Trimeresurus albolabris | ROM 39393 | KC291082# | - | Lao Cai, Vietnam |
| Trimeresurus albolabris | ROM 35324 | KC291093# | - | Cao Bang, Vietnam |
| Trimeresurus albolabris | ROM 35323 | KC291094# | - | Cao Bang, Vietnam |
| Trimeresurus albolabris | ROM 18267 | KC291110# | - | Vietnam |
| Trimeresurus albolabris | ROM 30869 | KC291112# | - | Vinh Phuc, Vietnam |
| Trimeresurus albolabris | ROM 30856 | KC291113# | - | Vinh Phuc, Vietnam |
| Trimeresurus albolabris | ROM 30872 | KC291114# | - | Vinh Phuc, Vietnam |
| Trimeresurus albolabris | ROM 30867 | KC291115# | - | Vinh Phuc, Vietnam |
| Trimeresurus albolabris | ROM 30875 | KC291116# | - | Vinh Phuc, Vietnam |
| Trimeresurus albolabris | ROM 30864 | KC291117# | - | Vinh Phuc, Vietnam |
| Trimeresurus albolabris | ROM 30866 | KC291118# | - | Vinh Phuc, Vietnam |
| Trimeresurus albolabris | ROM 30871 | KC291119# | - | Vinh Phuc, Vietnam |
| Trimeresurus albolabris | ROM 30873 | KC291120# | - | Vinh Phuc, Vietnam |

| Trimeresurus albolabris | ROM 30861 | KC291121# | - | Vinh Phuc, Vietnam |
|-------------------------|-----------|-------------------|--------------|---------------------|
| Trimeresurus albolabris | ROM 30865 | KC291122# | - | Vinh Phuc, Vietnam |
| Trimeresurus albolabris | ROM 30862 | KC291123# | - | Vinh Phuc, Vietnam |
| Trimeresurus albolabris | ROM 30863 | KC291124 # | - | Vinh Phuc, Vietnam |
| Vipera berus | GP1389 | KP403680 | BOLD:AAW7158 | Jilin |
| Vipera berus | GP1390 | KP403681 | BOLD:AAW7158 | Jilin |
| Vipera berus | NRM:6198 | KJ128676# | - | Sweden |
| Vipera renardi | GP634 | KP403684 | BOLD:ACV0623 | Nileike, Xinjiang |
| Vipera renardi | - | KC122716# | - | Kazakhstan |
| Vipera renardi | - | KC122717# | - | Kazakhstan |
| Vipera renardi | - | KC122735# | - | Kazakhstan |
| Vipera renardi | - | KC122751# | - | Crimea, Ukraine |
| Vipera renardi | SNP 478 | KC122752# | - | Astrakhan, Russia |
| Vipera renardi | - | KC122753# | - | Astrakhan, Russia |
| Vipera renardi | - | KC122754# | - | Crimea, Ukraine |
| Vipera renardi | - | KC122755# | - | Kherson, Ukraine |
| Vipera renardi | - | KC122756# | - | Eastern Kazakhstan |
| Vipera renardi | - | KC122757# | - | Eastern Kazakhstan |
| Vipera renardi | - | KC122758# | - | Southern Kazakhstan |
| Vipera renardi | - | KC122759# | - | Southern Kazakhstan |
| Vipera renardi | - | KC122760# | - | Adygea, Russia |
| Vipera renardi | SNP 782-2 | KC122761# | - | Kalmykia, Russia |
| Viridovipera gumprechti | GP51 | KP403697 | BOLD:ACV0260 | Jingdong, Yunnan |
| Viridovipera gumprechti | GP3271 | KP403698 | BOLD:ACS2952 | Daweishan, Yunnan |
| Viridovipera gumprechti | GP3272 | KP403699 | BOLD:ACS2952 | Daweishan, Yunnan |
| Viridovipera gumprechti | GP3273 | KP403700 | BOLD:ACS2952 | Daweishan, Yunnan |
| Viridovipera gumprechti | GP3274 | KP403701 | BOLD:ACS2952 | Daweishan, Yunnan |
| Viridovipera gumprechti | GP3275 | KP403702 | BOLD:ACS2952 | Daweishan, Yunnan |
| Viridovipera gumprechti | GP3276 | KP403703 | BOLD:ACS2952 | Daweishan, Yunnan |

| Viridovipera gumprechti | GP3286 | KP403704 | BOLD:ACS2952 | Daweishan, Yunnan |
|-------------------------|-----------|-----------|--------------|----------------------|
| Viridovipera gumprechti | H17 | KC171170# | - | Honghe, Yunnan |
| Viridovipera gumprechti | H19 | KC171172# | - | Honghe, Yunnan |
| Viridovipera gumprechti | KIZ03525 | KP403705 | BOLD:ACS7018 | Jingdong, Yunnan |
| Viridovipera gumprechti | KIZ05089 | KP403706 | BOLD:ACV0260 | Baoshan, Yunnan |
| Viridovipera stejnegeri | GP44 | KP403707 | BOLD:ACS2953 | Diaoluoshan, Hainan |
| Viridovipera stejnegeri | GP45 | KP403708 | BOLD:ACS2953 | Diaoluoshan, Hainan |
| Viridovipera stejnegeri | GP186 | KP403709 | BOLD:ACV0257 | Guilin, Guangxi |
| Viridovipera stejnegeri | GP230 | KP403710 | BOLD:ACS2954 | Hejiang, Sichuan |
| Viridovipera stejnegeri | GP231 | KP403711 | BOLD:ACS2954 | Hejiang, Sichuan |
| Viridovipera stejnegeri | GP342 | KP403712 | BOLD:ACS2954 | Shimen, Hunan |
| Viridovipera stejnegeri | GP364 | KP403713 | BOLD:ACV1548 | Nanling, Guangdong |
| Viridovipera stejnegeri | GP471 | KP403714 | BOLD:ACV1547 | Qimen, Anhui |
| Viridovipera stejnegeri | GP472 | KP403715 | BOLD:ACV1547 | Qimen, Anhui |
| Viridovipera stejnegeri | GP3300 | KP403716 | BOLD:ACS2954 | Kaiyuan, Yunnan |
| Viridovipera stejnegeri | GP3301 | KP403717 | BOLD:ACS2954 | Kaiyuan, Yunnan |
| Viridovipera stejnegeri | GP3302 | KP403718 | BOLD:ACS2954 | Kaiyuan, Yunnan |
| Viridovipera stejnegeri | ZS-13 | JX233623# | - | Zhongshan, Guangdong |
| Viridovipera stejnegeri | ROM 31133 | KC291052# | - | Gia Lai, Vietnam |
| Viridovipera stejnegeri | ROM 30954 | KC291053# | - | Nghe An, Vietnam |
| Viridovipera stejnegeri | ROM 30955 | KC291054# | - | Nghe An, Vietnam |
| Viridovipera stejnegeri | ROM 30956 | KC291055# | - | Nghe An, Vietnam |
| Viridovipera stejnegeri | ROM 30951 | KC291056# | - | Nghe An, Vietnam |
| Viridovipera stejnegeri | ROM 30952 | KC291057# | - | Nghe An, Vietnam |
| Viridovipera stejnegeri | ROM 30953 | KC291058# | - | Nghe An, Vietnam |
| Viridovipera stejnegeri | H15 | KC171168# | - | Leishan, Guizhou |
| Viridovipera stejnegeri | ROM 37590 | KC291071# | - | Kon Tum, Vietnam |
| Viridovipera stejnegeri | ROM 37591 | KC291072# | - | Kon Tum, Vietnam |
| Viridovipera stejnegeri | ROM 37596 | KC291073# | - | Kon Tum, Vietnam |

| Viridovipera stejnegeri | ROM 37594 | KC291074# | - | Kon Tum, Vietnam |
|--------------------------|-----------|-----------|--------------|------------------|
| Viridovipera stejnegeri | ROM 37589 | KC291076# | - | Kon Tum, Vietnam |
| Viridovipera stejnegeri | ROM 34567 | KC291084# | - | Gia Lai, Vietnam |
| Viridovipera stejnegeri | ROM 27501 | KC291086# | - | Kon Tum, Vietnam |
| Viridovipera stejnegeri | ROM 34667 | KC291088# | - | Gia Lai, Vietnam |
| Viridovipera stejnegeri | ROM 34568 | KC291089# | - | Gia Lai, Vietnam |
| Viridovipera stejnegeri | ROM 34565 | KC291090# | - | Gia Lai, Vietnam |
| Viridovipera stejnegeri | ROM 34566 | KC291091# | - | Gia Lai, Vietnam |
| Viridovipera stejnegeri | ROM 34554 | KC291099# | - | Gia Lai, Vietnam |
| Viridovipera stejnegeri | ROM 30790 | KC291125# | - | Gia Lai, Vietnam |
| Viridovipera stejnegeri | ROM 30791 | KC291126# | - | Gia Lai, Vietnam |
| Viridovipera yunnanensis | GP 37 | KP403719 | BOLD:ACV0801 | Huili, Sichuan |
| Viridovipera yunnanensis | GP 38 | KP403720 | BOLD:ACV0801 | Huili, Sichuan |