Table S1: Genbank accession numbers and voucher codes used in the phylogenetic analysis. Numbers in bold indicate sequences generated in the present work.

Species	Voucher	16S	cyt b	nd4	cmos	nt3	bdnf	rag	Location
Opisthotropis andersonii	SYS r001383	___	KY594735	___	___	___	___	___	Mt. Maofeng, Guangzhou City, Guangdong Province, CHINA
Opisthotropis cheni	GP383	___	GQ281779	JQ687416	JQ687441	___	___	___	Guangdong, CHINA
Opisthotropis daovantieni	FMNH252009	OK326974	OK315831	___	OK315941	OK315997	OK316059	OK316117	Gia-Lai Prov, VIETNAM
Opisthotropis durandi	NCSM 80739	___	MK941137	___	___	___	___	___	VIETNAM
Opisthotropis guangxiensis	GP746	___	GQ281776	JQ687422	JQ687447	___	___	___	Guangxi, CHINA
Opisthotropis haihaensis	SYS r000537	___	MN890017	___	___	___	___	___	Quang Ninh Province, VIETNAM
Opisthotropis hungtai 1	SYSr000538	___	MN890018	___	___	___	___	___	Mt. Wuhuang, Guangxi, CHINA
Opisthotropis hungtai 2	SYS r000946	___	KY594748	___	___	___	___	___	Heishiding Nature Reserve, Fengkai County, Guangdong Province, CHINA
Opisthotropis jacobi	ZFMK100818	___	MG545602	___	___	___	___	___	NA
Opisthotropis kuatunensis	SYS r000998	___	KY594745	___	___	___	___	___	Qixiling Nature Reserve, Yongxin County, Jiangxi Province, CHINA
Opisthotropis lateralis	ZMMU NAP-08678	OK326975	OK315832	OK315883	OK315942	OK315998	OK316060	OK316118	Phu Tho, VIETNAM
Opisthotropis latouchii	GP647	___	GQ281783	JQ687421	JQ687446	___	___	___	CHINA
Opisthotropis laui	SYS r001161	___	KY594738	___	___	___	___	___	Shangchuan Island, Taishan County, Guangdong Province, CHINA
Opisthotropis maxwelli	SYS r000841	___	KY594736	___	___	___	___	___	Nan'ao Island, Nan'ao County, Guangdong Province, CHINA
Opisthotropis shenzhenensis	SYS r001032	___	KY594729	___	___	___	___	___	Mt. Tiantou, Shenzhen City, Guangdong Province, CHINA
Opisthotropis typica	HT0794	___	LC325343	___	LC325789	___	___	LC326028	MALAYSIA
Opisthotropis voquyi	ZMMU R-16681	___	OK315833	OK315884	OK315943	OK315999	OK316061	OK316119	Bac Giang, VIETNAM
Opisthotropis zhaoermii	CIB110000	___	MG012801	___	___	___	___	___	Guzhang County, Hunan Province, CHINA
Smithophis atemporalis	BNHS 2366	MK350255	MK350262	MK350258	MK350265	MW711473	MW711581	MK350257	Mizoram, INDIA
Smithophis bicolor	BNHS 2369	MK350254	MK350261	MK350259	MK350264	___	MW711582	MK350256	Mizoram, INDIA
Smithophis bicolor	MZMU 1798	___	**PP996090**	___	___	___	___	___	Aizawl, Mizoram, INDIA
Smithophis linearis	KIZ 059110	___	MT185677	___	___	___	___	___	Yunnan Province, CHINA
Smithophis mizoramensis	BNHS 3766	___	**PP996092**	___	___	___	___	___	Suangpuilawn village, Saitual, Mizoram, INDIA
Smithophis mizoramensis	BNHS 3767	**PQ120696**	**PP996093**	___	___	___	___	___	Suangpuilawn village, Saitual, Mizoram, INDIA
Smithophis mizoramensis	BNHS 3768	**PQ120695**	**PP996094**	___	___	___	___	___	Suangpuilawn village, Saitual, Mizoram, INDIA
Smithophis mizoramensis	MZMU 2602	___	**PP996091**	___	___	___	___	___	Suangpuilawn village, Saitual, Mizoram, INDIA
Trimerodytes percarinata	ZMMU R-16444	OK326993	OK315846	OK315898	OK315959	OK316017	OK316079	OK316135	Nge An, VIETNAM