

**Table S1. Sampling sites for testing RPA-LFD method in the field**

Sites	Longitudes	Latitudes
Rare Aquatic Animal Research Institute (RAARI)	117°59'29"E	29°38'32"N
Ruanxi Mountain	118°7'46"E	30°17'31"N
Fuxi Town	118°12'55"E	29°57'41"N
Tangkou Town	118°10'1"E	30°39'36"N