**Supporting Information of “Insights into the genetic makeup of French Polynesian peripheral populations of the small giant clam”**

**Table SI1** 785 COI sequences of *Tridacna maxima* that were used is this study, including those that were extracted from the NCBI repository of the nucleotide sequences, with their membership to the seven distinct clades. DQ155301 (Tang 2005), EU346365-68 (DeBoer et al., 2008), EU003610-14 (Nuryanto et al., 2007), FM244476-85 and FM244513-619 (Nuryanto & Kochzius, 2009), HE995454-87 (Hui et al., 2016), JX974926-44 (Huelsken et al., 2013), KF446329-515 (DeBoer et al., 2014), KY769524-25 (Findra et al., 2017), LC322934-76 (Othmen et al., 2020), MG195196-278 (Neo et al., 2018), MG385346-480 (Keyse et al., 2018), MN068731-87 (Fauvelot et al., 2020) and 35 COI sequences from Palmyra and Tarawa atolls published in Gardner et al., (2012)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sequence code** | **Genebank** | **country** | **site or other** | **Reference** | **Clade** |
| KY769524\_TmH1 | KY769524 | Indonesia | Kaledupa, Wakatobi, South East | Findra et al. 2017 | Clade3\_NWPO |
| KY769525\_TmS1s | KY769525 | Indonesia | Tomia, Wakatobi, South East Sulawesi | Findra et al. 2017 | Clade3\_NWPO |
| LC322934\_Rabigh1 | LC322934 | Saudi Arabia | Rabigh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322935\_Rabigh2 | LC322935 | Saudi Arabia | Rabigh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322936\_Rabigh3 | LC322936 | Saudi Arabia | Rabigh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322937\_Rabigh4 | LC322937 | Saudi Arabia | Rabigh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322938\_Rabigh5 | LC322938 | Saudi Arabia | Rabigh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322939\_Yanbu1 | LC322939 | Saudi Arabia | Yanbu | Othmen et al. 2020 | Clade1\_RedSea |
| LC322940\_Yanbu2 | LC322940 | Saudi Arabia | Yanbu | Othmen et al. 2020 | Clade1\_RedSea |
| LC322941\_Yanbu3 | LC322941 | Saudi Arabia | Yanbu | Othmen et al. 2020 | Clade1\_RedSea |
| LC322942\_Yanbu4 | LC322942 | Saudi Arabia | Yanbu | Othmen et al. 2020 | Clade1\_RedSea |
| LC322943\_Yanbu5 | LC322943 | Saudi Arabia | Yanbu | Othmen et al. 2020 | Clade1\_RedSea |
| LC322944\_Yanbu6 | LC322944 | Saudi Arabia | Yanbu | Othmen et al. 2020 | Clade1\_RedSea |
| LC322945\_Yanbu7 | LC322945 | Saudi Arabia | Yanbu | Othmen et al. 2020 | Clade1\_RedSea |
| LC322946\_Yanbu8 | LC322946 | Saudi Arabia | Yanbu | Othmen et al. 2020 | Clade1\_RedSea |
| LC322947\_Yanbu9 | LC322947 | Saudi Arabia | Yanbu | Othmen et al. 2020 | Clade1\_RedSea |
| LC322948\_Yanbu10 | LC322948 | Saudi Arabia | Yanbu | Othmen et al. 2020 | Clade1\_RedSea |
| LC322949\_Jeddah1 | LC322949 | Saudi Arabia | Jeddah | Othmen et al. 2020 | Clade1\_RedSea |
| LC322950\_Jeddah2 | LC322950 | Saudi Arabia | Jeddah | Othmen et al. 2020 | Clade1\_RedSea |
| LC322951\_Jeddah3 | LC322951 | Saudi Arabia | Jeddah | Othmen et al. 2020 | Clade1\_RedSea |
| LC322952\_Jeddah4 | LC322952 | Saudi Arabia | Jeddah | Othmen et al. 2020 | Clade1\_RedSea |
| LC322953\_Jeddah5 | LC322953 | Saudi Arabia | Jeddah | Othmen et al. 2020 | Clade1\_RedSea |
| LC322954\_Jeddah6 | LC322954 | Saudi Arabia | Jeddah | Othmen et al. 2020 | Clade1\_RedSea |
| LC322955\_Jeddah7 | LC322955 | Saudi Arabia | Jeddah | Othmen et al. 2020 | Clade1\_RedSea |
| LC322956\_Jeddah8 | LC322956 | Saudi Arabia | Jeddah | Othmen et al. 2020 | Clade1\_RedSea |
| LC322957\_Jeddah9 | LC322957 | Saudi Arabia | Jeddah | Othmen et al. 2020 | Clade1\_RedSea |
| LC322958\_Jeddah10 | LC322958 | Saudi Arabia | Jeddah | Othmen et al. 2020 | Clade1\_RedSea |
| LC322959\_Jeddah11 | LC322959 | Saudi Arabia | Jeddah | Othmen et al. 2020 | Clade1\_RedSea |
| LC322960\_Jeddah12 | LC322960 | Saudi Arabia | Jeddah | Othmen et al. 2020 | Clade1\_RedSea |
| LC322961\_Wajh1 | LC322961 | Saudi Arabia | Wajh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322962\_Wajh2 | LC322962 | Saudi Arabia | Wajh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322963\_Wajh3 | LC322963 | Saudi Arabia | Wajh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322964\_Wajh4 | LC322964 | Saudi Arabia | Wajh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322965\_Wajh5 | LC322965 | Saudi Arabia | Wajh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322966\_Wajh6 | LC322966 | Saudi Arabia | Wajh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322967\_Wajh7 | LC322967 | Saudi Arabia | Wajh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322968\_Wajh8 | LC322968 | Saudi Arabia | Wajh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322969\_Wajh9 | LC322969 | Saudi Arabia | Wajh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322970\_Wajh10 | LC322970 | Saudi Arabia | Wajh | Othmen et al. 2020 | Clade1\_RedSea |
| LC322971\_Umluj1 | LC322971 | Saudi Arabia | Umluj | Othmen et al. 2020 | Clade1\_RedSea |
| LC322972\_Umluj2 | LC322972 | Saudi Arabia | Umluj | Othmen et al. 2020 | Clade1\_RedSea |
| LC322973\_Umluj3 | LC322973 | Saudi Arabia | Umluj | Othmen et al. 2020 | Clade1\_RedSea |
| LC322974\_Umluj4 | LC322974 | Saudi Arabia | Umluj | Othmen et al. 2020 | Clade1\_RedSea |
| LC322975\_Umluj5 | LC322975 | Saudi Arabia | Umluj | Othmen et al. 2020 | Clade1\_RedSea |
| LC322976\_Umluj6 | LC322976 | Saudi Arabia | Umluj | Othmen et al. 2020 | Clade1\_RedSea |
| KX713504 | KX713504 |  | MCZ 381362 | Combosh et al. 2016 | Clade3\_NWPO |
| JX974926 | JX974926 | Australia | Torres Strait | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974927 | JX974927 | Australia | Torres Strait | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974928 | JX974928 | Australia | Torres Strait | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974929 | JX974929 | Australia | Torres Strait | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974930 | JX974930 | Solomon Isl |  | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974931 | JX974931 | Solomon Isl |  | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974932 | JX974932 | Solomon Isl |  | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974933 | JX974933 | Solomon Isl |  | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974934 | JX974934 | Australia | Heron Isl | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974935 | JX974935 | Australia | Lizard Isl | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974937 | JX974937 | Australia | Lihou Reef | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974938 | JX974938 | Australia | Lihou Reef | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974940 | JX974940 | Australia | Heron Isl | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974941 | JX974941 | Australia | Heron Isl | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974942 | JX974942 | Australia | Lizard Isl | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974943 | JX974943 | Australia | Lizard Isl | Huelsken et al. 2013 | Clade4\_SWPO |
| JX974944 | JX974944 | Australia | Lizard Isl | Huelsken et al. 2013 | Clade4\_SWPO |
| KF446329 | KF446329 | Indonesia | Alyui Bay, Raja Ampat | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446330 | KF446330 | Indonesia | Jefman Island, Raja Ampat | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446331 | KF446331 | Indonesia | Karimunjawa, Genting Island | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446332 | KF446332 | Indonesia | Sebayur Island, Flores | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446333 | KF446333 | Indonesia | Sabolo Kecil, Flores | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446334 | KF446334 | Indonesia | Sangihe, Ruang Island | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446335 | KF446335 | Indonesia | Pulau Doi, Halmahera | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446337 | KF446337 | Indonesia | Pulau Doi, Halmahera | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446338 | KF446338 | Indonesia | Mayu Island, Maluku Sea | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446341 | KF446341 | Indonesia | Mayu Island, Maluku Sea | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446342 | KF446342 | Indonesia | Tanjung Jerewai, Halmahera | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446343 | KF446343 | Indonesia | Tanjung Jerewai, Halmahera | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446344 | KF446344 | Indonesia | Tanjung Jerewai, Halmahera | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446345 | KF446345 | Indonesia | Tanjung Jerewai, Halmahera | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446346 | KF446346 | Indonesia | Tanjung Jerewai, Halmahera | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446347 | KF446347 | Indonesia | Tanjung Jerewai, Halmahera | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446348 | KF446348 | Indonesia | Biak, Owi | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446349 | KF446349 | Indonesia | Biak, Owi | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446350 | KF446350 | Indonesia | Biak, Owi | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446351 | KF446351 | Indonesia | Biak, Owi | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446352 | KF446352 | Indonesia | Biak, Owi | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446353 | KF446353 | Indonesia | Biak, Owi | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446354 | KF446354 | Indonesia | Biak, Owi | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446355 | KF446355 | Indonesia | Biak, Pulau Rasba | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446357 | KF446357 | Indonesia | Biak, Pulau Rasba | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446358 | KF446358 | Indonesia | Yapen, Serui Fish Market | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446359 | KF446359 | Indonesia | Yapen, Serui Fish Market | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446361 | KF446361 | Indonesia | Manado, Murex House Reef | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446362 | KF446362 | Indonesia | Manado, Murex House Reef | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446363 | KF446363 | Indonesia | Belat Island | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446364 | KF446364 | Indonesia | Belat Island | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446365 | KF446365 | Indonesia | Belat Island | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446367 | KF446367 | Indonesia | Belat Island | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446368 | KF446368 | Indonesia | Belat Island | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446369 | KF446369 | Indonesia | Belat Island | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446372 | KF446372 | Indonesia | Rakata (Krakatau Besar) | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446373 | KF446373 | Indonesia | Pramuka | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446374 | KF446374 | Indonesia | Pramuka | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446375 | KF446375 | Indonesia | Alam Kotok | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446376 | KF446376 | Indonesia | Pramuka | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446377 | KF446377 | Indonesia | Semak Daun | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446378 | KF446378 | Indonesia | Semak Daun | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446379 | KF446379 | Indonesia | Semak Daun | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446381 | KF446381 | Indonesia | Pramuka | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446383 | KF446383 | Indonesia | Semak Daun | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446384 | KF446384 | Indonesia | Semak Daun | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446385 | KF446385 | Indonesia | Semak Daun | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446386 | KF446386 | Indonesia | Semak Daun | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446388 | KF446388 | Indonesia | Semak Daun | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446389 | KF446389 | Indonesia | Karang Congkak | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446391 | KF446391 | Indonesia | Karang Congkak | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446392 | KF446392 | Indonesia | Karang Congkak | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446393 | KF446393 | Indonesia | Karang Congkak | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446394 | KF446394 | Indonesia | Karang Congkak | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446396 | KF446396 | Indonesia | Karang Congkak | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446397 | KF446397 | Indonesia | Yapen, Serui Fish Market | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446398 | KF446398 | Indonesia | Bunaken, Manado Tua | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446399 | KF446399 | Indonesia | Bunaken, Manado Tua | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446400 | KF446400 | Indonesia | Bunaken, Manado Tua | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446401 | KF446401 | Indonesia | Bunaken, Manado Tua | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446402 | KF446402 | Indonesia | Bunaken, Manado Tua | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446404 | KF446404 | Indonesia | Pulau Weh. Aceh | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446405 | KF446405 | Indonesia | Pulau Weh. Aceh | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446406 | KF446406 | Indonesia | Siko Island, Halmahera | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446407 | KF446407 | Indonesia | Taneti Island, Halmahera | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446408 | KF446408 | Indonesia | Taneti Island, Halmahera | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446409 | KF446409 | Indonesia | Tanjung Tawali (Part of Kasiruta) | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446410 | KF446410 | Indonesia | Nampale, Misool, Raja Ampat | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446411 | KF446411 | Indonesia | Waaf, Misool, Raja Ampat | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446413 | KF446413 | Indonesia | Barrang Lompo, Makassar | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446414 | KF446414 | Indonesia | Barrang Lompo, Makassar | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446419 | KF446419 | Indonesia | Gusung, Selayar | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446420 | KF446420 | Indonesia | Gusung, Selayar | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446421 | KF446421 | Indonesia | Cubadak, Sumatera | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446422 | KF446422 | Indonesia | Cubadak, Sumatera | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446423 | KF446423 | Indonesia | Cubadak, Sumatera | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446424 | KF446424 | Indonesia | Cubadak, Sumatera | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446425 | KF446425 | Indonesia | Cubadak, Sumatera | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446426 | KF446426 | Indonesia | Cubadak, Sumatera | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446427 | KF446427 | Indonesia | Gili Trawangan, Lombok | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446428 | KF446428 | Indonesia | Gili Trawangan, Lombok | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446429 | KF446429 | Indonesia | Gili Trawangan, Lombok | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446430 | KF446430 | Indonesia | Seraya | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446431 | KF446431 | Indonesia | Seraya | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446432 | KF446432 | Indonesia | Seraya | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446433 | KF446433 | Indonesia | Seraya | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446434 | KF446434 | Indonesia | Seraya | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446435 | KF446435 | Indonesia | Seraya | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446436 | KF446436 | Indonesia | Nusa Penida | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446437 | KF446437 | Indonesia | Barrang Lompo, Makassar | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446438 | KF446438 | Indonesia | Bone Batang, Makassar | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446439 | KF446439 | Indonesia | Gusung, Selayar | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446440 | KF446440 | Philipines | Komodo | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446441 | KF446441 | Indonesia | Cubadak, Sumatera | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446442 | KF446442 | Indonesia | Seraya, Bali | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446443 | KF446443 | Indonesia | Gili Trawangan, Lombok | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446444 | KF446444 | Philipines | Sorsogon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446445 | KF446445 | Philipines | Sorsogon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446446 | KF446446 | Philipines | Quezon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446447 | KF446447 | Indonesia | Karimunjawa, Genting Island | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446448 | KF446448 | Indonesia | Karimunjawa, Genting Island | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446449 | KF446449 | Indonesia | Karimunjawa, Genting Island | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446450 | KF446450 | Indonesia | Kri/Mansuar/N. Dampier Strait, Raja Ampat | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446451 | KF446451 | Indonesia | Kri/Mansuar/N. Dampier Strait, Raja Ampat | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446452 | KF446452 | Indonesia | Kri/Mansuar/N. Dampier Strait, Raja Ampat | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446453 | KF446453 | Indonesia | Kri/Mansuar/N. Dampier Strait, Raja Ampat | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446454 | KF446454 | Indonesia | Kri/Mansuar/N. Dampier Strait, Raja Ampat | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446455 | KF446455 | Indonesia | Sangihe, Mahengetang Island | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446456 | KF446456 | Indonesia | Belat Island | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446457 | KF446457 | Indonesia | Lembeh, Magic Crak | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446458 | KF446458 | Indonesia | Sangihe, Siau Island | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446459 | KF446459 | Indonesia | Sebayur Island, Flores | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446460 | KF446460 | Indonesia | Sebayur Island, Flores | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446461 | KF446461 | Philipines | Sebuku | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446462 | KF446462 | Indonesia | Pulau Doi, Halmahera | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446464 | KF446464 | Indonesia | Mayu Island, Maluku Sea | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446465 | KF446465 | Indonesia | Tanjung Jerewai, Halmahera | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446466 | KF446466 | Indonesia | Tanjung Jerewai, Halmahera | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446467 | KF446467 | Indonesia | Biak, Owi | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446468 | KF446468 | Indonesia | Biak, Owi | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446469 | KF446469 | Indonesia | Biak, Owi | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446470 | KF446470 | Indonesia | Yapen, Serui Fish Market | DeBoer et al. 2014 | Clade4\_SWPO |
| KF446471 | KF446471 | Philipines | Romblon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446472 | KF446472 | Indonesia | Pramuka | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446473 | KF446473 | Indonesia | Alam Kotok | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446474 | KF446474 | Indonesia | Manado, Tanjung Pisok | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446475 | KF446475 | Indonesia | Pramuka | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446476 | KF446476 | Indonesia | Bangka, Batu Gosok | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446477 | KF446477 | Indonesia | Bangka, Batu Gosok | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446478 | KF446478 | Indonesia | Bangka, Batu Gosok | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446479 | KF446479 | Indonesia | Semak Daun | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446480 | KF446480 | Indonesia | Karang Congkak | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446481 | KF446481 | Indonesia | Karang Congkak | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446482 | KF446482 | Indonesia | Karang Congkak | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446483 | KF446483 | Indonesia | Karang Congkak | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446484 | KF446484 | Indonesia | Manado, Murex House Reef | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446485 | KF446485 | Indonesia | Bunaken, Manado Tua | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446486 | KF446486 | Indonesia | Bunaken, Manado Tua | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446487 | KF446487 | Indonesia | Pulau Weh. Aceh | DeBoer et al. 2014 | Clade2\_NEIO |
| KF446488 | KF446488 | Indonesia | Manado, Murex House Reef | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446489 | KF446489 | Indonesia | Widi Island, Halmahera | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446490 | KF446490 | Philipines | Romblon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446491 | KF446491 | Philipines | Romblon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446492 | KF446492 | Philipines | Romblon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446493 | KF446493 | Philipines | Romblon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446494 | KF446494 | Philipines | Romblon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446495 | KF446495 | Philipines | Romblon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446496 | KF446496 | Philipines | Romblon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446497 | KF446497 | Philipines | Romblon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446498 | KF446498 | Philipines | Sorsogon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446499 | KF446499 | Philipines | Sorsogon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446500 | KF446500 | Philipines | Sorsogon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446501 | KF446501 | Philipines | Sorsogon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446502 | KF446502 | Philipines | Sorsogon | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446504 | KF446504 | Philipines | Siquijor | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446505 | KF446505 | Philipines | Siquijor | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446507 | KF446507 | Philipines | Siquijor | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446508 | KF446508 | Philipines | Honda Bay | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446509 | KF446509 | Philipines | Tawi Tawi | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446510 | KF446510 | Philipines | Tawi Tawi | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446511 | KF446511 | Philipines | Tawi Tawi | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446512 | KF446512 | Philipines | Tawi Tawi | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446513 | KF446513 | Philipines | Tawi Tawi | DeBoer et al. 2014 | Clade3\_NWPO |
| KF446515 | KF446515 | Philipines | Camiguin | DeBoer et al. 2014 | Clade3\_NWPO |
| HE995454 | HE995454 | Thailand | tmhap102 | Hui et al. | Clade2\_NEIO |
| HE995455 | HE995455 | Thailand | tmhap103 | Hui et al. | Clade2\_NEIO |
| HE995456 | HE995456 | Thailand | tmhap104 | Hui et al. | Clade2\_NEIO |
| HE995457 | HE995457 | Thailand | tmhap105 | Hui et al. | Clade2\_NEIO |
| HE995458 | HE995458 | Thailand | tmhap106 | Hui et al. | Clade2\_NEIO |
| HE995459 | HE995459 | Thailand | tmhap107 | Hui et al. | Clade2\_NEIO |
| HE995460 | HE995460 | Thailand | tmhap108 | Hui et al. | Clade2\_NEIO |
| HE995461 | HE995461 | Thailand | tmhap109 | Hui et al. | Clade2\_NEIO |
| HE995462 | HE995462 | Thailand | tmhap110 | Hui et al. | Clade2\_NEIO |
| HE995463 | HE995463 | Thailand | tmhap111 | Hui et al. | Clade2\_NEIO |
| HE995464 | HE995464 | Thailand | tmhap112 | Hui et al. | Clade2\_NEIO |
| HE995465 | HE995465 | Thailand | tmhap113 | Hui et al. | Clade2\_NEIO |
| HE995466 | HE995466 | Thailand | tmhap114 | Hui et al. | Clade2\_NEIO |
| HE995467 | HE995467 | Thailand | tmhap115 | Hui et al. | Clade2\_NEIO |
| HE995468 | HE995468 | Thailand | tmhap116 | Hui et al. | Clade2\_NEIO |
| HE995469 | HE995469 | Thailand | tmhap117 | Hui et al. | Clade2\_NEIO |
| HE995470 | HE995470 | Thailand | tmhap118 | Hui et al. | Clade2\_NEIO |
| HE995471 | HE995471 | Thailand | tmhap119 | Hui et al. | Clade2\_NEIO |
| HE995472 | HE995472 | Thailand | tmhap120 | Hui et al. | Clade2\_NEIO |
| HE995473 | HE995473 | Indonesia | tmhap121 | Hui et al. | Clade3\_NWPO |
| HE995474 | HE995474 | Indonesia | tmhap122 | Hui et al. | Clade3\_NWPO |
| HE995475 | HE995475 | French Polynesia | tmhap123 | Hui et al. | Clade5a\_PF |
| HE995476 | HE995476 | French Polynesia | tmhap124 | Hui et al. | Clade5a\_PF |
| HE995477 | HE995477 | French Polynesia | tmhap125 | Hui et al. | Clade5b\_PF |
| HE995478 | HE995478 | French Polynesia | tmhap126 | Hui et al. | Clade5a\_PF |
| HE995479 | HE995479 | French Polynesia | tmhap127 | Hui et al. | Clade5a\_PF |
| HE995480 | HE995480 | French Polynesia | tmhap128 | Hui et al. | Clade5b\_PF |
| HE995481 | HE995481 | Kenya | tmhap129 | Hui et al. | Clade7\_SWIO2 |
| HE995482 | HE995482 | Kenya | tmhap130 | Hui et al. | Clade6\_SWIO1 |
| HE995483 | HE995483 | Kenya | tmhap131 | Hui et al. | Clade7\_SWIO2 |
| HE995484 | HE995484 | Kenya | tmhap132 | Hui et al. | Clade6\_SWIO1 |
| HE995485 | HE995485 | Kenya | tmhap133 | Hui et al. | Clade6\_SWIO1 |
| HE995486 | HE995486 | Kenya | tmhap134 | Hui et al. | Clade7\_SWIO2 |
| HE995487 | HE995487 | Kenya | tmhap135 | Hui et al. | Clade6\_SWIO1 |
| EU003610 | EU003610 | Indonesia | Padang01 | Nuryanto. Et al 2008 | Clade2\_NEIO |
| EU003611 | EU003611 | Indonesia | Spermonde01 | Nuryanto. Et al 2008 | Clade3\_NWPO |
| EU003612 | EU003612 | Indonesia | Togian01 | Nuryanto. Et al 2008 | Clade3\_NWPO |
| EU003613 | EU003613 | WestPapua | Biak01 | Nuryanto. Et al 2008 | Clade3\_NWPO |
| EU003614 | EU003614 | Indonesia | Pulau Seribu01 | Nuryanto. Et al 2008 | Clade2\_NEIO |
| FM244476 | FM244476 | RS | H1 | Nuryanto et Koschzius 2009 | Clade1\_RedSea |
| FM244477 | FM244477 | RS | H2 | Nuryanto et Koschzius 2009 | Clade1\_RedSea |
| FM244478 | FM244478 | RS | H3 | Nuryanto et Koschzius 2009 | Clade1\_RedSea |
| FM244479 | FM244479 | RS | H4 | Nuryanto et Koschzius 2009 | Clade1\_RedSea |
| FM244480 | FM244480 | RS | H5 | Nuryanto et Koschzius 2009 | Clade1\_RedSea |
| FM244481 | FM244481 | RS | H6 | Nuryanto et Koschzius 2009 | Clade1\_RedSea |
| FM244482 | FM244482 | RS | H7 | Nuryanto et Koschzius 2009 | Clade1\_RedSea |
| FM244483 | FM244483 | RS | H8 | Nuryanto et Koschzius 2009 | Clade1\_RedSea |
| FM244484 | FM244484 | RS | H9 | Nuryanto et Koschzius 2009 | Clade1\_RedSea |
| FM244485 | FM244485 | RS | H10 | Nuryanto et Koschzius 2009 | Clade1\_RedSea |
| FM244513 | FM244513 | Indonesia | H11 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244514 | FM244514 | Indonesia | H12 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244515 | FM244515 | Indonesia | H13 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244516 | FM244516 | Indonesia | H14 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244517 | FM244517 | Indonesia | H15 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244518 | FM244518 | Indonesia | H16 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244519 | FM244519 | Indonesia | H17 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244520 | FM244520 | Indonesia | H18 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244521 | FM244521 | Indonesia | H19 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244522 | FM244522 | Indonesia | H20 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244523 | FM244523 | Indonesia | H21 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244524 | FM244524 | Indonesia | H22 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244525 | FM244525 | Indonesia | H23 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244526 | FM244526 | Indonesia | H24 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244527 | FM244527 | Indonesia | H25 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244528 | FM244528 | Indonesia | H26 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244529 | FM244529 | Indonesia | H27 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244530 | FM244530 | Indonesia | H28 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244531 | FM244531 | Indonesia | H29 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244532 | FM244532 | Indonesia | H30 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244533 | FM244533 | Indonesia | H31 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244534 | FM244534 | Indonesia | H32 | Nuryanto et Koschzius 2009 | Clade2\_NEIO |
| FM244535 | FM244535 | Indonesia | H33 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244536 | FM244536 | Indonesia | H34 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244537 | FM244537 | Indonesia | H35 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244538 | FM244538 | Indonesia | H36 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244539 | FM244539 | Indonesia | H37 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244540 | FM244540 | Indonesia | H38 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244541 | FM244541 | Indonesia | H39 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244542 | FM244542 | Indonesia | H40 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244543 | FM244543 | Indonesia | H41 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244544 | FM244544 | Indonesia | H42 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244545 | FM244545 | Indonesia | H43 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244546 | FM244546 | Indonesia | H44 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244547 | FM244547 | Indonesia | H45 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244548 | FM244548 | Indonesia | H46 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244549 | FM244549 | Indonesia | H47 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244550 | FM244550 | Indonesia | H48 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244551 | FM244551 | Indonesia | H49 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244552 | FM244552 | Indonesia | H50 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244553 | FM244553 | Indonesia | H51 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244554 | FM244554 | Indonesia | H52 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244555 | FM244555 | Indonesia | H53 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244556 | FM244556 | Indonesia | H54 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244557 | FM244557 | Indonesia | H55 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244558 | FM244558 | Indonesia | H56 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244559 | FM244559 | Indonesia | H57 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244560 | FM244560 | Indonesia | H58 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244561 | FM244561 | Indonesia | H59 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244562 | FM244562 | Indonesia | H60 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244563 | FM244563 | Indonesia | H61 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244564 | FM244564 | Indonesia | H62 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244565 | FM244565 | Indonesia | H63 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244566 | FM244566 | Indonesia | H64 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
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| FM244568 | FM244568 | Indonesia | H66 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244569 | FM244569 | Indonesia | H67 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
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| FM244571 | FM244571 | Indonesia | H69 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244572 | FM244572 | Indonesia | H70 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244573 | FM244573 | Indonesia | H71 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244574 | FM244574 | Indonesia | H72 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244575 | FM244575 | Indonesia | H73 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244576 | FM244576 | Indonesia | H74 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
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| FM244583 | FM244583 | Indonesia | H81 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244584 | FM244584 | Indonesia | H82 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244585 | FM244585 | Indonesia | H83 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
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| FM244590 | FM244590 | Indonesia | H88 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244591 | FM244591 | Indonesia | H89 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244592 | FM244592 | Indonesia | H90 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244593 | FM244593 | Indonesia | H91 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244594 | FM244594 | Indonesia | H92 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
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| FM244599 | FM244599 | Indonesia | H97 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244600 | FM244600 | Indonesia | H98 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244601 | FM244601 | Indonesia | H99 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244602 | FM244602 | Indonesia | H100 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244603 | FM244603 | Indonesia | H101 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244604 | FM244604 | Indonesia | H102 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244605 | FM244605 | Indonesia | H103 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244606 | FM244606 | Indonesia | H104 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244607 | FM244607 | Indonesia | H105 | Nuryanto et Koschzius 2009 | Clade4\_SWPO |
| FM244608 | FM244608 | Indonesia | H106 | Nuryanto et Koschzius 2009 | Clade4\_SWPO |
| FM244609 | FM244609 | Indonesia | H107 | Nuryanto et Koschzius 2009 | Clade4\_SWPO |
| FM244610 | FM244610 | Indonesia | H108 | Nuryanto et Koschzius 2009 | Clade4\_SWPO |
| FM244611 | FM244611 | Indonesia | H109 | Nuryanto et Koschzius 2009 | Clade4\_SWPO |
| FM244612 | FM244612 | Indonesia | H110 | Nuryanto et Koschzius 2009 | Clade4\_SWPO |
| FM244613 | FM244613 | Indonesia | H111 | Nuryanto et Koschzius 2009 | Clade4\_SWPO |
| FM244614 | FM244614 | Indonesia | H112 | Nuryanto et Koschzius 2009 | Clade4\_SWPO |
| FM244615 | FM244615 | Indonesia | H113 | Nuryanto et Koschzius 2009 | Clade4\_SWPO |
| FM244616 | FM244616 | Indonesia | H114 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| FM244617 | FM244617 | Indonesia | H115 | Nuryanto et Koschzius 2009 | Clade4\_SWPO |
| FM244618 | FM244618 | Indonesia | H116 | Nuryanto et Koschzius 2009 | Clade4\_SWPO |
| FM244619 | FM244619 | Indonesia | H117 | Nuryanto et Koschzius 2009 | Clade3\_NWPO |
| EU346365 | EU346365 | Indonesia | TSD54 | deBoer | Clade3\_NWPO |
| EU346366 | EU346366 | Indonesia | TSD55 | deBoer | Clade3\_NWPO |
| EU346367 | EU346367 | Indonesia | TSD56 | deBoer | Clade3\_NWPO |
| EU346368 | EU346368 | Indonesia | TSD57 | deBoer | Clade3\_NWPO |
| DQ155301 | DQ155301 | Taiwan |  | Tang & Chen | Clade3\_NWPO |
| MG385346\_HER\_21 | MG385346 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385347\_HER\_3110 | MG385347 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385348\_HER\_3111 | MG385348 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385349\_HER\_3112 | MG385349 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385350\_HER\_3113 | MG385350 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385351\_HER\_3114 | MG385351 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385352\_HER\_3115 | MG385352 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385353\_HER\_3116 | MG385353 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385354\_HER\_3117 | MG385354 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385355\_HER\_3118 | MG385355 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385356\_HER\_3119 | MG385356 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385357\_HER\_3120 | MG385357 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385358\_HER\_3121 | MG385358 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385359\_HER\_3125 | MG385359 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385360\_HER\_3126 | MG385360 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385361\_HER\_3127 | MG385361 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385362\_HER\_3128 | MG385362 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385363\_HER\_3129 | MG385363 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385364\_HER\_3130 | MG385364 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385365\_HER\_3131 | MG385365 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385366\_HER\_3132 | MG385366 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385367\_HER\_3133 | MG385367 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385368\_HER\_3134 | MG385368 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385369\_HER\_3135 | MG385369 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385370\_HER\_3136 | MG385370 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385371\_HER\_3137 | MG385371 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385372\_HER\_3138 | MG385372 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385373\_HER\_3139 | MG385373 | Australia | Heron Island (coral Sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385374\_KAV\_3741 | MG385374 | Papua New Guinea | Kavieng | Keyse et al. 2018 | Clade4\_SWPO |
| MG385375\_KAV\_3745 | MG385375 | Papua New Guinea | Kavieng | Keyse et al. 2018 | Clade4\_SWPO |
| MG385376\_KAV\_3766 | MG385376 | Papua New Guinea | Kavieng | Keyse et al. 2018 | Clade4\_SWPO |
| MG385377\_KAV\_3767 | MG385377 | Papua New Guinea | Kavieng | Keyse et al. 2018 | Clade4\_SWPO |
| MG385378\_KAV\_3768 | MG385378 | Papua New Guinea | Kavieng | Keyse et al. 2018 | Clade4\_SWPO |
| MG385379\_KAV\_3769 | MG385379 | Papua New Guinea | Kavieng | Keyse et al. 2018 | Clade4\_SWPO |
| MG385380\_KAV\_3772 | MG385380 | Papua New Guinea | Kavieng | Keyse et al. 2018 | Clade4\_SWPO |
| MG385381\_KAV\_3782 | MG385381 | Papua New Guinea | Kavieng | Keyse et al. 2018 | Clade4\_SWPO |
| MG385382\_KAV\_3833 | MG385382 | Papua New Guinea | Kavieng | Keyse et al. 2018 | Clade4\_SWPO |
| MG385383\_KAV\_3836 | MG385383 | Papua New Guinea | Kavieng | Keyse et al. 2018 | Clade4\_SWPO |
| MG385384\_KAV\_3862 | MG385384 | Papua New Guinea | Kavieng | Keyse et al. 2018 | Clade4\_SWPO |
| MG385385\_KAV\_3865 | MG385385 | Papua New Guinea | Kavieng | Keyse et al. 2018 | Clade4\_SWPO |
| MG385386\_LIH\_300 | MG385386 | Australia | Lihou reef | Keyse et al. 2018 | Clade4\_SWPO |
| MG385387\_LIH\_302 | MG385387 | Australia | Lihou reef | Keyse et al. 2018 | Clade4\_SWPO |
| MG385388\_LIH\_304 | MG385388 | Australia | Lihou reef | Keyse et al. 2018 | Clade4\_SWPO |
| MG385389\_LIH\_306 | MG385389 | Australia | Lihou reef | Keyse et al. 2018 | Clade4\_SWPO |
| MG385390\_LIH\_307 | MG385390 | Australia | Lihou reef | Keyse et al. 2018 | Clade4\_SWPO |
| MG385391\_LIH\_310 | MG385391 | Australia | Lihou reef | Keyse et al. 2018 | Clade4\_SWPO |
| MG385392\_LIH\_356 | MG385392 | Australia | Lihou reef | Keyse et al. 2018 | Clade4\_SWPO |
| MG385393\_LIH\_373 | MG385393 | Australia | Lihou reef | Keyse et al. 2018 | Clade4\_SWPO |
| MG385394\_LIH\_376 | MG385394 | Australia | Lihou reef | Keyse et al. 2018 | Clade4\_SWPO |
| MG385395\_LIZ\_2789 | MG385395 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385396\_LIZ\_2790 | MG385396 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385397\_LIZ\_2792 | MG385397 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385398\_LIZ\_2794 | MG385398 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385399\_LIZ\_2795 | MG385399 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385400\_LIZ\_2826 | MG385400 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385401\_LIZ\_2827 | MG385401 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385402\_LIZ\_2828 | MG385402 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385403\_LIZ\_648 | MG385403 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385404\_LIZ\_651 | MG385404 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385405\_LIZ\_652 | MG385405 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385406\_LIZ\_653 | MG385406 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385407\_LIZ\_658 | MG385407 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385408\_LIZ\_661 | MG385408 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385409\_LIZ\_662 | MG385409 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385410\_LIZ\_664 | MG385410 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385411\_LIZ\_665 | MG385411 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385412\_LIZ\_666 | MG385412 | Australia | Lizard Island | Keyse et al. 2018 | Clade4\_SWPO |
| MG385413\_MAR\_2394 | MG385413 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385414\_MAR\_2418 | MG385414 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385415\_MAR\_2421 | MG385415 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385416\_MAR\_2423 | MG385416 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385417\_MAR\_2424 | MG385417 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385418\_MAR\_2426 | MG385418 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385419\_MAR\_2427 | MG385419 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385420\_MAR\_2428 | MG385420 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385421\_MAR\_2451 | MG385421 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385422\_MAR\_2453 | MG385422 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385423\_MAR\_2455 | MG385423 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385424\_MAR\_2456 | MG385424 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385425\_MAR\_2457 | MG385425 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385426\_MAR\_2458 | MG385426 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385427\_MAR\_2489 | MG385427 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385428\_MAR\_2490 | MG385428 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385429\_MAR\_2491 | MG385429 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385430\_MAR\_2791 | MG385430 | Solomon Islands | Marovo | Keyse et al. 2018 | Clade4\_SWPO |
| MG385431\_MOT\_3514 | MG385431 | Papua New Guinea | Motupore | Keyse et al. 2018 | Clade4\_SWPO |
| MG385432\_MOT\_3575 | MG385432 | Papua New Guinea | Motupore | Keyse et al. 2018 | Clade4\_SWPO |
| MG385433\_ORP\_4763a | MG385433 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385434\_ORP\_4764 | MG385434 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385435\_ORP\_4765 | MG385435 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385436\_ORP\_4766 | MG385436 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385437\_ORP\_4767 | MG385437 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385438\_ORP\_4806 | MG385438 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385439\_ORP\_4807 | MG385439 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385440\_ORP\_4809 | MG385440 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385441\_ORP\_4810 | MG385441 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385442\_ORP\_4811 | MG385442 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385443\_ORP\_4812 | MG385443 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385444\_ORP\_4813 | MG385444 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385445\_ORP\_4814 | MG385445 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385446\_ORP\_4815 | MG385446 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385447\_ORP\_SP404 | MG385447 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385448\_ORP\_SP407 | MG385448 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385449\_ORP\_SP411 | MG385449 | Australia | Orpheus Island (coral sea) | Keyse et al. 2018 | Clade4\_SWPO |
| MG385450\_ROV\_2084 | MG385450 | Solomon Islands | Roviana | Keyse et al. 2018 | Clade4\_SWPO |
| MG385451\_ROV\_2085 | MG385451 | Solomon Islands | Roviana | Keyse et al. 2018 | Clade4\_SWPO |
| MG385452\_ROV\_2143 | MG385452 | Solomon Islands | Roviana | Keyse et al. 2018 | Clade4\_SWPO |
| MG385453\_ROV\_2144 | MG385453 | Solomon Islands | Roviana | Keyse et al. 2018 | Clade4\_SWPO |
| MG385454\_ROV\_2173 | MG385454 | Solomon Islands | Roviana | Keyse et al. 2018 | Clade4\_SWPO |
| MG385455\_ROV\_2176 | MG385455 | Solomon Islands | Roviana | Keyse et al. 2018 | Clade4\_SWPO |
| MG385456\_ROV\_2387 | MG385456 | Solomon Islands | Roviana | Keyse et al. 2018 | Clade4\_SWPO |
| MG385457\_ROV\_2388 | MG385457 | Solomon Islands | Roviana | Keyse et al. 2018 | Clade4\_SWPO |
| MG385458\_ROV\_2390 | MG385458 | Solomon Islands | Roviana | Keyse et al. 2018 | Clade4\_SWPO |
| MG385459\_ROV\_2391 | MG385459 | Solomon Islands | Roviana | Keyse et al. 2018 | Clade4\_SWPO |
| MG385460\_TOR\_1896 | MG385460 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385461\_TOR\_1921 | MG385461 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385462\_TOR\_1922 | MG385462 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385463\_TOR\_1923 | MG385463 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385464\_TOR\_1931 | MG385464 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385465\_TOR\_1932 | MG385465 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385466\_TOR\_1949 | MG385466 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385467\_TOR\_1964 | MG385467 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385468\_TOR\_1993 | MG385468 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385469\_TOR\_1995 | MG385469 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385470\_TOR\_1996 | MG385470 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385471\_TOR\_1997 | MG385471 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385472\_TOR\_1998 | MG385472 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385473\_TOR\_2006 | MG385473 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385474\_TOR\_2011 | MG385474 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385475\_TOR\_2013 | MG385475 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385476\_TOR\_2015 | MG385476 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385477\_TOR\_2016 | MG385477 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385478\_TOR\_2017 | MG385478 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385479\_TOR\_2018 | MG385479 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG385480\_TOR\_2019 | MG385480 | Australia | Torres Strait | Keyse et al. 2018 | Clade4\_SWPO |
| MG195196\_NML\_DS41 | MG195196 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195197\_NML\_DS44 | MG195197 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195198\_NML\_DS36 | MG195198 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195199\_NML\_DS35 | MG195199 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195200\_NML\_DS30 | MG195200 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195201\_NML\_DS09 | MG195201 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195202\_NML\_DS49 | MG195202 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195203\_NML\_DS08 | MG195203 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195204\_NML\_DS23 | MG195204 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195205\_NML\_DS31 | MG195205 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195206\_NML\_DS32 | MG195206 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195207\_NML\_DS33 | MG195207 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195208\_NML\_DS43 | MG195208 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195209\_NML\_DS48 | MG195209 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195210\_NML\_DS05 | MG195210 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195211\_NML\_DS07 | MG195211 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195212\_NML\_DS21 | MG195212 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195213\_NML\_DS26 | MG195213 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195214\_NML\_DS51 | MG195214 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195215\_NML\_DS62 | MG195215 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195216\_NML\_DS29 | MG195216 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195217\_NML\_DS10 | MG195217 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195218\_NML\_DS12 | MG195218 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195219\_NML\_DS52 | MG195219 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195220\_NML\_DS34 | MG195220 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195221\_NML\_DS22 | MG195221 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195222\_NML\_DS24 | MG195222 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195223\_NML\_DS27 | MG195223 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195224\_NML\_DS28 | MG195224 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195225\_NML\_DS04 | MG195225 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195226\_NML\_DS25 | MG195226 | Taiwan | Dongsha Atoll, South China Sea | Neo et al. 2018 | Clade3\_NWPO |
| MG195268\_Tm6 | MG195268 | Taiwan | Taiwan | Su et al. 2014 | Clade3\_NWPO |
| MG195269\_Tm8 | MG195269 | Taiwan | Taiwan | Su et al. 2014 | Clade3\_NWPO |
| MG195270\_Tm14 | MG195270 | Taiwan | Taiwan | Su et al. 2014 | Clade3\_NWPO |
| MG195271\_Tm15 | MG195271 | Taiwan | Taiwan | Su et al. 2014 | Clade3\_NWPO |
| MG195272\_Tm16 | MG195272 | Taiwan | Taiwan | Su et al. 2014 | Clade3\_NWPO |
| MG195273\_Tm17 | MG195273 | Taiwan | Taiwan | Su et al. 2014 | Clade3\_NWPO |
| MG195274\_Tm19 | MG195275 | Taiwan | Taiwan | Su et al. 2014 | Clade3\_NWPO |
| MG195275\_Tm18 | MG195274 | Taiwan | Taiwan | Su et al. 2014 | Clade3\_NWPO |
| MG195276\_Tm20 | MG195276 | Taiwan | Taiwan | Su et al. 2014 | Clade3\_NWPO |
| MG195277\_Tm21 | MG195277 | Taiwan | Taiwan | Su et al. 2014 | Clade3\_NWPO |
| MG195278\_TmDQ | MG195278 | Taiwan | Taiwan | Su et al. 2014 | Clade3\_NWPO |
| Palm1 |  | Palmyra atoll | Palmyra atoll | Gardner et al. 2012 | Clade5a\_PF |
| Palm10 |  | Palmyra atoll | Palmyra atoll | Gardner et al. 2012 | Clade5a\_PF |
| Palm11 |  | Palmyra atoll | Palmyra atoll | Gardner et al. 2012 | Clade5a\_PF |
| Palm12 |  | Palmyra atoll | Palmyra atoll | Gardner et al. 2012 | Clade5a\_PF |
| Palm13 |  | Palmyra atoll | Palmyra atoll | Gardner et al. 2012 | Clade5a\_PF |
| Palm14 |  | Palmyra atoll | Palmyra atoll | Gardner et al. 2012 | Clade5a\_PF |
| Palm2 |  | Palmyra atoll | Palmyra atoll | Gardner et al. 2012 | Clade5a\_PF |
| Palm3 |  | Palmyra atoll | Palmyra atoll | Gardner et al. 2012 | Clade5a\_PF |
| Palm4 |  | Palmyra atoll | Palmyra atoll | Gardner et al. 2012 | Clade5a\_PF |
| Palm5 |  | Palmyra atoll | Palmyra atoll | Gardner et al. 2012 | Clade5a\_PF |
| Palm8 |  | Palmyra atoll | Palmyra atoll | Gardner et al. 2012 | Clade5a\_PF |
| Palm9 |  | Palmyra atoll | Palmyra atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG1 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG10 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG11 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG12 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG14 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade3\_NWPO |
| KiG15 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade3\_NWPO |
| KiG16 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG17 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG18 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG19 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG2 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG20 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG21 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG22 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG23 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG24 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG25 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG4 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG5 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG6 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG7 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG8 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| KiG9 |  | Kiribati | Tarawa atoll | Gardner et al. 2012 | Clade5a\_PF |
| TahTEA7 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahTEA9 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahP9 | MF167474 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahO1 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahO2 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahO3 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahO4 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahO5 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahP1 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahP2 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahP3 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahP4 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahP5 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahP6 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahP8 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahP10 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahP11 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahP12 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| ManG3 | MF167466 | French Polynesia | Mangareva | This study | Clade5a\_PF |
| ManG4 | MF167466 | French Polynesia | Mangareva | This study | Clade5a\_PF |
| ManG5 | MF167466 | French Polynesia | Mangareva | This study | Clade5a\_PF |
| ManGA1 | MF167466 | French Polynesia | Mangareva | This study | Clade5a\_PF |
| ManGA2 | MF167466 | French Polynesia | Mangareva | This study | Clade5a\_PF |
| ManG2 | MF167480 | French Polynesia | Mangareva | This study | Clade5b\_PF |
| ManG6 | MF167480 | French Polynesia | Mangareva | This study | Clade5b\_PF |
| ManG1 | MF167481 | French Polynesia | Mangareva | This study | Clade5a\_PF |
| MorJ1 | MF167466 | French Polynesia | Moruroa | This study | Clade5a\_PF |
| MorJ3 | MF167466 | French Polynesia | Moruroa | This study | Clade5a\_PF |
| MorJ5 | MF167466 | French Polynesia | Moruroa | This study | Clade5a\_PF |
| MorJ7 | MF167466 | French Polynesia | Moruroa | This study | Clade5a\_PF |
| MorM7 | MF167466 | French Polynesia | Moruroa | This study | Clade5a\_PF |
| MorR2 | MF167466 | French Polynesia | Moruroa | This study | Clade5a\_PF |
| MorT1 | MF167466 | French Polynesia | Moruroa | This study | Clade5a\_PF |
| MorT3 | MF167466 | French Polynesia | Moruroa | This study | Clade5a\_PF |
| MorT5 | MF167466 | French Polynesia | Moruroa | This study | Clade5a\_PF |
| MorT7 | MF167466 | French Polynesia | Moruroa | This study | Clade5a\_PF |
| MorJ8 | MF167480 | French Polynesia | Moruroa | This study | Clade5b\_PF |
| MorM1 | MF167480 | French Polynesia | Moruroa | This study | Clade5b\_PF |
| MorM3 | MF167480 | French Polynesia | Moruroa | This study | Clade5b\_PF |
| MorM4 | MF167480 | French Polynesia | Moruroa | This study | Clade5b\_PF |
| MorM5 | MF167480 | French Polynesia | Moruroa | This study | Clade5b\_PF |
| MorM6 | MF167480 | French Polynesia | Moruroa | This study | Clade5b\_PF |
| MorR1 | MF167480 | French Polynesia | Moruroa | This study | Clade5b\_PF |
| MorT6 | MF167480 | French Polynesia | Moruroa | This study | Clade5b\_PF |
| MorT8 | MF167480 | French Polynesia | Moruroa | This study | Clade5b\_PF |
| MorT2 | MF167483 | French Polynesia | Moruroa | This study | Clade5a\_PF |
| MorJ4 | MF167484 | French Polynesia | Moruroa | This study | Clade5a\_PF |
| MorB2 | MF167497 | French Polynesia | Moruroa | This study | Clade5b\_PF |
| MorB3 | MF167497 | French Polynesia | Moruroa | This study | Clade5b\_PF |
| RavMF3 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavMM1 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavMM2 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavMM3 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavMM5 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavMO2 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavM03 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavMP1 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavMP5 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavRAI1 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavRAI2 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavRR6 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavRR8 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavRV2 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavRV1 | MF167467 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavMO6 | MF167468 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavMO5 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavRAI3 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavMO4 | MF167470 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavMO1 | MF167471 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavRAI5 | MF167472 | French Polynesia | Raivavae | This study | Clade5b\_PF |
| RavRR7 | MF167473 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavRR5 | MF167474 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavMM4 | MF167478 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavRR2 | MF167478 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| RavRR1 | MF167476 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| Rav1S3 | MF167473 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| Rav2S2 | MF167478 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| Rav3S3 | OR262494 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| Rav4S3 | MF167466 | French Polynesia | Raivavae | This study | Clade5a\_PF |
| AheTM1 | MF167480 | French Polynesia | Ahe | This study | Clade5b\_PF |
| AheTM2 | MF167480 | French Polynesia | Ahe | This study | Clade5b\_PF |
| AheTM3 | MF167466 | French Polynesia | Ahe | This study | Clade5a\_PF |
| AheTM4 | MF167480 | French Polynesia | Ahe | This study | Clade5b\_PF |
| AheTM5 | OR262491 | French Polynesia | Ahe | This study | Clade5b\_PF |
| AheTM6 | MF167480 | French Polynesia | Ahe | This study | Clade5b\_PF |
| TemTEF1 | MF167466 | French Polynesia | Temoe | This study | Clade5a\_PF |
| TemTEL1 | MF167480 | French Polynesia | Temoe | This study | Clade5b\_PF |
| TemTEL2 | MF167466 | French Polynesia | Temoe | This study | Clade5a\_PF |
| TemTEL3 | MF167480 | French Polynesia | Temoe | This study | Clade5b\_PF |
| TemTEL4 | MF167466 | French Polynesia | Temoe | This study | Clade5a\_PF |
| TemTEL5 | MF167480 | French Polynesia | Temoe | This study | Clade5b\_PF |
| TemTEL6 | MF167466 | French Polynesia | Temoe | This study | Clade5a\_PF |
| TemTEL7 | MF167466 | French Polynesia | Temoe | This study | Clade5a\_PF |
| Tub07S1 | MF167473 | French Polynesia | Tubuai | This study | Clade5a\_PF |
| Tub11S2 | MF167478 | French Polynesia | Tubuai | This study | Clade5a\_PF |
| Tub21S4 | OR262492 | French Polynesia | Tubuai | This study | Clade5b\_PF |
| Tub13S6 | OR262493 | French Polynesia | Tubuai | This study | Clade5b\_PF |
| Tub16S5 | MF167466 | French Polynesia | Tubuai | This study | Clade5a\_PF |
| Tub14S7 | MF167472 | French Polynesia | Tubuai | This study | Clade5b\_PF |
| Tub18S7 | MF167466 | French Polynesia | Tubuai | This study | Clade5a\_PF |
| TubTUB2 | MF167466 | French Polynesia | Tubuai | This study | Clade5a\_PF |
| TubTUB5 | MF167466 | French Polynesia | Tubuai | This study | Clade5a\_PF |
| TubTUB3 | MF167466 | French Polynesia | Tubuai | This study | Clade5a\_PF |
| TubTUB4 | MF167477 | French Polynesia | Tubuai | This study | Clade5a\_PF |
| TubTUB1 | MF167478 | French Polynesia | Tubuai | This study | Clade5a\_PF |
| MakK11 | MF167480 | French Polynesia | Makemo | This study | Clade5b\_PF |
| MakK3 | MF167480 | French Polynesia | Makemo | This study | Clade5b\_PF |
| MakK5 | MF167480 | French Polynesia | Makemo | This study | Clade5b\_PF |
| MakK6 | MF167480 | French Polynesia | Makemo | This study | Clade5b\_PF |
| MakK8 | MF167480 | French Polynesia | Makemo | This study | Clade5b\_PF |
| MakK9 | MF167480 | French Polynesia | Makemo | This study | Clade5b\_PF |
| MakK7 | MF167485 | French Polynesia | Makemo | This study | Clade5b\_PF |
| MakK2 | MF167486 | French Polynesia | Makemo | This study | Clade5a\_PF |
| MakK1 | MF167482 | French Polynesia | Makemo | This study | Clade5b\_PF |
| MakK10 | MF167482 | French Polynesia | Makemo | This study | Clade5b\_PF |
| MakK4 | MF167482 | French Polynesia | Makemo | This study | Clade5b\_PF |
| MooB1 | MF167466 | French Polynesia | Moorea | This study | Clade5a\_PF |
| MooB4 | MF167466 | French Polynesia | Moorea | This study | Clade5a\_PF |
| MooB5 | MF167466 | French Polynesia | Moorea | This study | Clade5a\_PF |
| MooB6 | MF167466 | French Polynesia | Moorea | This study | Clade5a\_PF |
| MooH1 | MF167480 | French Polynesia | Moorea | This study | Clade5b\_PF |
| TahTEA5 | MF167480 | French Polynesia | Tahiti | This study | Clade5b\_PF |
| TahTEA2 | MF167498 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahA1 | MF167499 | French Polynesia | Tahiti | This study | Clade5b\_PF |
| TahTEA1 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahTEA11 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahTEA3 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| TahTEA4 | MF167466 | French Polynesia | Tahiti | This study | Clade5a\_PF |
| MN068731\_IM-2009-13074 | MN068731 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068732\_IM-2009-13076 | MN068732 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068733\_IM-2009-13077 | MN068733 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068734\_IM-2009-33467 | MN068734 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068735\_IM-2009-33471 | MN068735 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068736\_IM-2009-33472 | MN068736 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068737\_IM-2009-33474 | MN068737 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068738\_IM-2009-33478 | MN068738 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068739\_IM-2009-33480 | MN068739 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068740\_IM-2009-33482 | MN068740 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068741\_IM-2009-33484 | MN068741 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068742\_IM-2009-33485 | MN068742 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068743\_IM-2009-33487 | MN068743 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068744\_IM-2009-33489 | MN068744 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068745\_IM-2009-33490 | MN068745 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068746\_IM-2009-33495 | MN068746 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068747\_IM-2009-33497 | MN068747 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068748\_IM-2009-33498 | MN068748 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068749\_IM-2009-33499 | MN068749 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068750\_IM-2009-33500 | MN068750 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068751\_IM-2009-33510 | MN068751 | Mauritius | St Brandon Island | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068752\_IM-2009-33514 | MN068752 | Egypt | Hurgada | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068753\_IM-2009-33515 | MN068753 | Egypt | Hurgada | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068754\_IM-2009-33516 | MN068754 | Egypt | Hurgada | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068755\_IM-2009-33517 | MN068755 | Egypt | Hurgada | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068756\_IM-2009-33518 | MN068756 | Egypt | Hurgada | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068757\_IM-2009-33520 | MN068757 | Egypt | Hurgada | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068758\_IM-2009-33521 | MN068758 | Egypt | Hurgada | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068759\_TmJu10 | MN068759 | Juan de Nova | Juan de Nova | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068760\_TmJu13 | MN068760 | Juan de Nova | Juan de Nova | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068761\_TmJu18 | MN068761 | Juan de Nova | Juan de Nova | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068762\_TmJu19 | MN068762 | Juan de Nova | Juan de Nova | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068763\_TmJu21 | MN068763 | Juan de Nova | Juan de Nova | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068764\_TmJu25 | MN068764 | Juan de Nova | Juan de Nova | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068765\_TmRI08 | MN068765 | Reunion Island | Reunion Island | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068766\_TmRI59 | MN068766 | Reunion Island | Reunion Island | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068767\_TmRIb1 | MN068767 | Reunion Island | Reunion Island | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068768\_TmRIb2 | MN068768 | Reunion Island | Reunion Island | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068769\_TmRS22 | MN068769 | Saudi Arabia | Farasan Island | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068770\_TmRS23 | MN068770 | Saudi Arabia | Farasan Island | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068771\_TmRS24 | MN068771 | Saudi Arabia | Farasan Island | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068772\_TmRS25 | MN068772 | Saudi Arabia | Farasan Island | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068773\_TmRS27 | MN068773 | Saudi Arabia | Farasan Island | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068774\_TmRS28 | MN068774 | Saudi Arabia | Farasan Island | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068775\_TmRS29 | MN068775 | Saudi Arabia | Farasan Island | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068776\_TmRS44 | MN068776 | Saudi Arabia | Farasan Island | Fauvelot et al. 2020 | Clade1\_RedSea |
| MN068777\_TmTul1 | MN068777 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068778\_TmTul10 | MN068781 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068779\_TmTul11 | MN068783 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068780\_TmTul19 | MN068778 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068781\_TmTul2 | MN068779 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068782\_TmTul28 | MN068780 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068783\_TmTul3 | MN068782 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068784\_TmTul46 | MN068784 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade7\_SWIO2 |
| MN068785\_TmTul53 | MN068785 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068786\_TmTul73 | MN068786 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade6\_SWIO1 |
| MN068787\_TmTul76 | MN068787 | Madagascar | Tulear | Fauvelot et al. 2020 | Clade7\_SWIO2 |

**Table SI2** : Estimates of net evolutionary divergence (uncorrected pairwise distance) between the seven mtDNA COI clades found within *Tridacna maxima* overall its distribution range. Standard error estimate(s) are shown above the diagonal, in blue. This analysis involved 785 nucleotide sequences over 400bp.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Clade1** | **Clade2** | **Clade3** | **Clade4** | **Clade5** | **Clade6** | **Clade7** |
| Clade1\_RS |  | 0.0087 | 0.0079 | 0.0118 | 0.0127 | 0.0064 | 0.0072 |
| Clade2\_NEIO | 0.0353 |  | 0.0078 | 0.0112 | 0.0123 | 0.0083 | 0.0080 |
| Clade3\_NWPO | 0.0287 | 0.0259 |  | 0.0103 | 0.0110 | 0.0079 | 0.0077 |
| Clade4\_SWPO | 0.0714 | 0.0773 | 0.0661 |  | 0.0125 | 0.0115 | 0.0110 |
| Clade5\_CPO | 0.0722 | 0.0742 | 0.0632 | 0.0771 |  | 0.0129 | 0.0119 |
| Clade6\_WIO1 | 0.0162 | 0.0292 | 0.0231 | 0.0722 | 0.0755 |  | 0.0091 |
| Clade7\_WIO2 | 0.0275 | 0.0280 | 0.0235 | 0.0721 | 0.0633 | 0.0273 |  |

**Table SI3** : The distribution of genetic diversity at various levels of organization inferred through AMOVA, per period of sampling, in 2001-2002 (A-) and in 2012-2013 (B-).

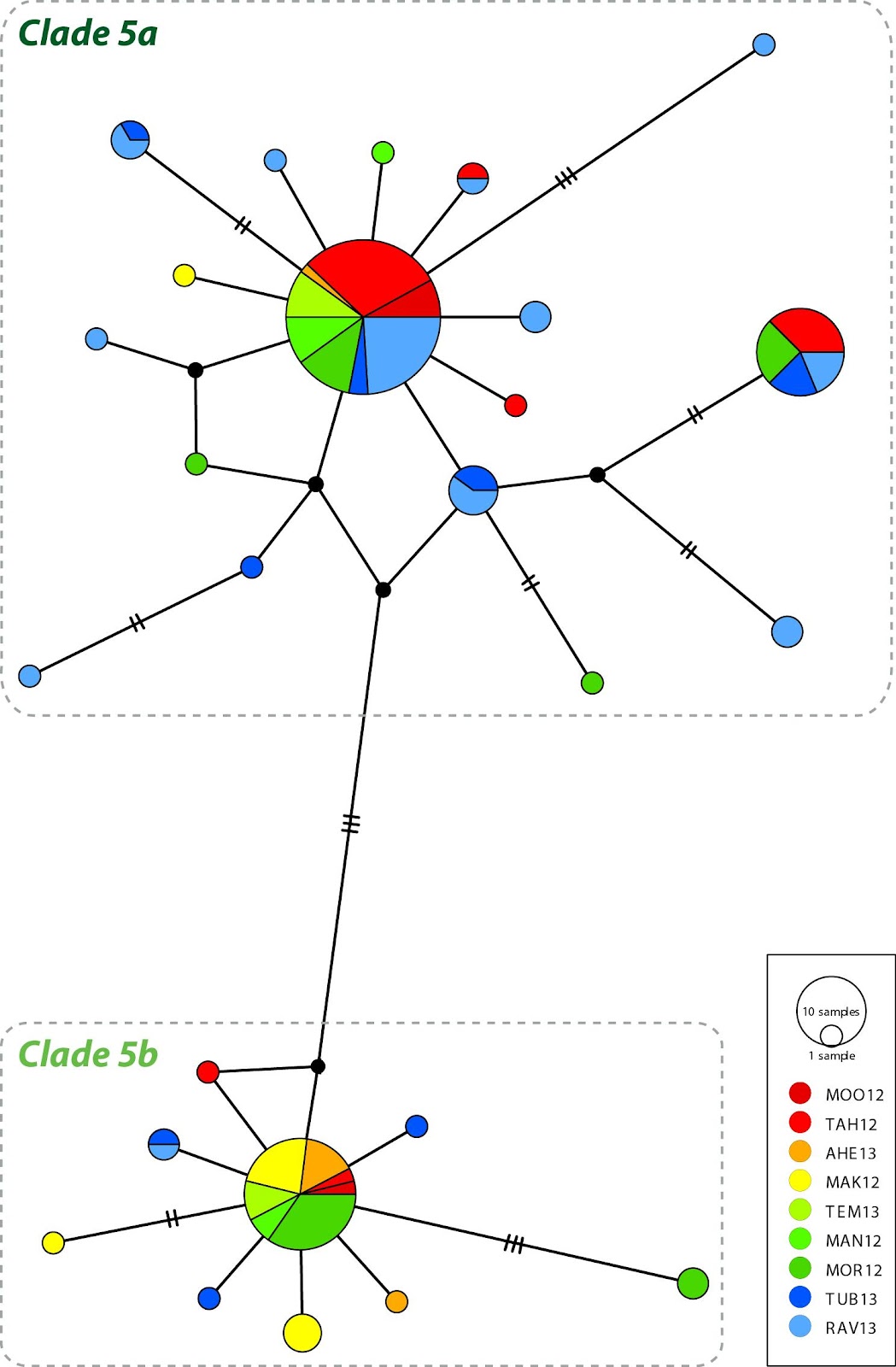
A-

|  |  |  |  |
| --- | --- | --- | --- |
| Level | Df | variation (%) | *p*-values |
| Between Archipelagos | 2 | 2.98 | 0.002 |
| Between sites within Archipelagos | 4 | 0.95 | 0.001 |
| Between samples within sites | 134 | 6.07 | 0.001 |
| Within samples | 141 | 90.0 | 0.001 |
| Total | 281 | 100 |  |

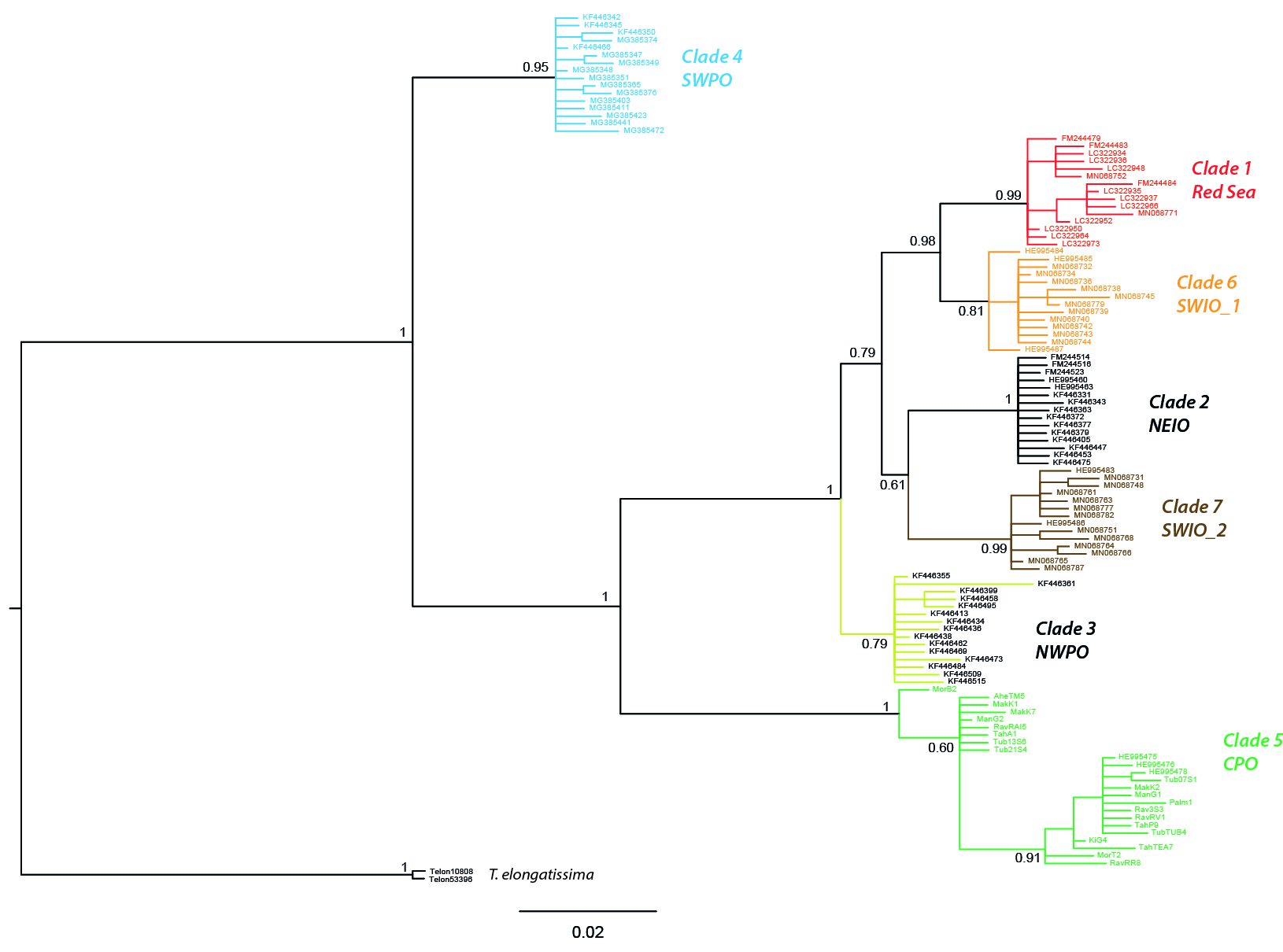
B-

|  |  |  |  |
| --- | --- | --- | --- |
| Level | Df | variation (%) | *p*-values |
| Between Archipelagos | 3 | 2.01 | 0.001 |
| Between sites within Archipelagos | 6 | 0.48 | 0.001 |
| Between samples within sites | 148 | 6.37 | 0.001 |
| Within samples | 158 | 91.14 | 0.001 |
| Total | 315 | 100 |  |

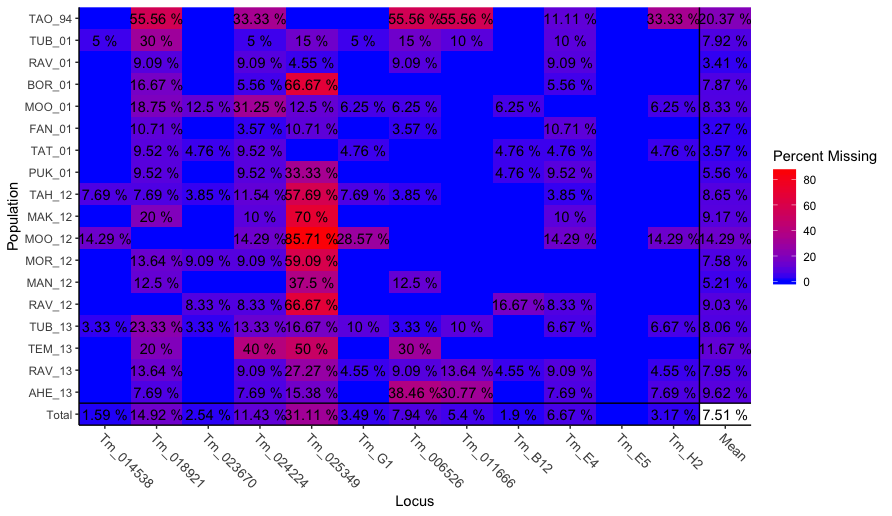
**Fig. SI1:** Median Joining Network within nine French Polynesian sites using *Tridacna maxima* mtDNA COI haplotypes. Each circle corresponds to one haplotype, with the size of the circle proportional to the number of individuals sharing this haplotype. Black dots represent missing haplotypes. Lines joining haplotypes represent one nucleotide substitution, unless specified by perpendicular tick marks corresponding to the number of nucleotide substitutions. Pies indicate the proportion of individuals per location (see inset). Identical labels than in Table 1 are used for each study site.



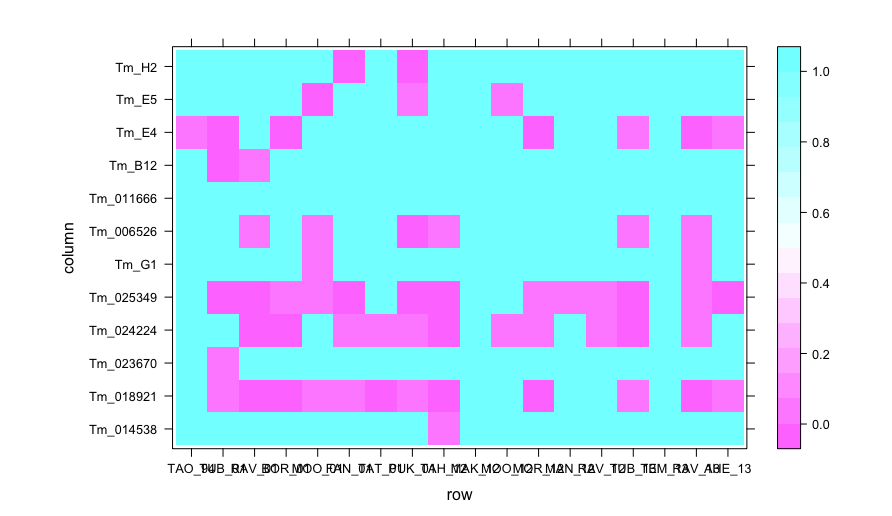
**Fig. SI2:** Bayesian phylogenetic tree depicting the phylogenetic relationship of the seven *Tridacna maxima* clades based on the analysis of a subset of mtDNA COI haplotypes of Fig. 2, constructed using MrBayes (Bayesian posterior probabilities are indicated for the main nodes). Colors distinguish lineages as shown in Fig. 2.

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**Figure SI3:** Heatmap of missing data per locus (columns) and per samples (rows)



**Figure SI4:** Heatmap of deviations from Hardy Weinberg Equilibrium expectations. Loci are in rows and populations in columns. Pink loci showed significant deviations from HWE (*p*-value <0.05).



**Fig. SI5** : **Genetic population structure of *Tridacna maxima*** among the TUB and RAV samples based on nine microsatellite markers. (A): Individual Bayesian ancestry proportions determined using STRUCTURE with K = 2, K=3 and K=4. The clusters identified are distinguished by different colors. Each individual is depicted as a vertical bar with colors distinguishing its ancestries to the different clusters identified. (B): Principal Component Analyses depicting axes 1 and 2 (3.6% and 3.4 % of the variance explained, respectively), and axes 1 and 3 (3.3%) with each label showing the barycenter of each study site. Identical labels than in Fig. 1 and Table 1 are used for each study site.



**(A)**

FLO_DD:SCIENCE:2018_Villefranche:_Articles:6_Tmax_PF:Msat:_Fig:TUB_RAV.pdf**(B)**

**Fig. SI6** **Genetic population structure of *Tridacna maxima*** among the Society Islands, the Tuamotu Islands and the Gambiers Islands based on nine microsatellite markers. (A): Individual Bayesian ancestry proportions determined using STRUCTURE with K = 2, K=3 and K=4. The clusters identified are distinguished by different colors. Each individual is depicted as a vertical bar with colors distinguishing its ancestries to the different clusters identified. (B): Principal Component Analyses depicting axes 1 and 2 (2.4% and 2.3 % of the variance explained, respectively), and axes 1 and 3 (2.2%) with each label showing the barycenter of each study site. Identical labels than in Fig. 1 and Table 1 are used for each study site.

**(A)**

FLO_DD:SCIENCE:2018_Villefranche:_Articles:6_Tmax_PF:Msat:_Fig:PCA_other.pdf**(B)**