Tāmaki
Paenga Hira
Auckland
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Museum

Final Report
Collection and curation of tissue samples from protected fishes and turtles

Prepared for the Department of Conservation, Conservation Services Programme INT2021-04

28 June 2024

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Final Report– Collection and curation of tissue samples from protected fishes and turtles

Project Code: INT2021-04

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Executive Summary

The Protected Species Tissue Archive (Fishes and Turtles) has been held at Tāmaki Paenga Hira Auckland War Memorial Museum since 2021. It ensures appropriate curation of tissue samples obtained from these species, improved visibility of and access to samples by researchers and mana whenua, and is used to track the fate of samples, and scientific research outputs.

A total of 699 samples from 166 individuals of protected fishes and reptiles were curated in the tissue archive during the project (December 2021 – June 2024; Figure 1; Appendix A). Only 16 samples from six individuals were collected by the fisheries observer program. The Department of Conservation is currently working to give fishers authority to collect tissue samples from deceased specimens of fishes and reptiles, for vessels where no observers are onboard, and by doing so hope to significantly increase the sampling effort over time. As a result of the low numbers of samples initially received in this project, a decision was made by the Museum and the DOC Marine Species Manager to instead focus on existing samples held by the Department of Conservation and from Massey University.

During this project two loan requests have been completed in consultation with the DOC Marine Species Manager. One of tissue samples from sharks and rays (3 subsamples) to The University of Otago and the second of leatherback turtles (4 subsamples) to the Australian Museum.

The initial 3-years of the program has been a success over all resulting in 699 tissue vials from 166 individuals. The Archive acts as a central repository for samples and their data that is managed into the long-term. The Protected Species Tissue Archive is an essential tool for ongoing protected species management in both NZ and Internationally. Museums are ideal places for tissue archives, providing greater stability in the long-term care and management of collections. The Archive holds great potential to be expanded to other species groups such as protected and threatened fauna.

Recommendations include continuing and expanding the tissue archive, consolidating all tissue samples currently held by various locations by DOC, and provide for fishers to collect tissue samples from deceased specimens of bycatch protected fishes and reptiles.

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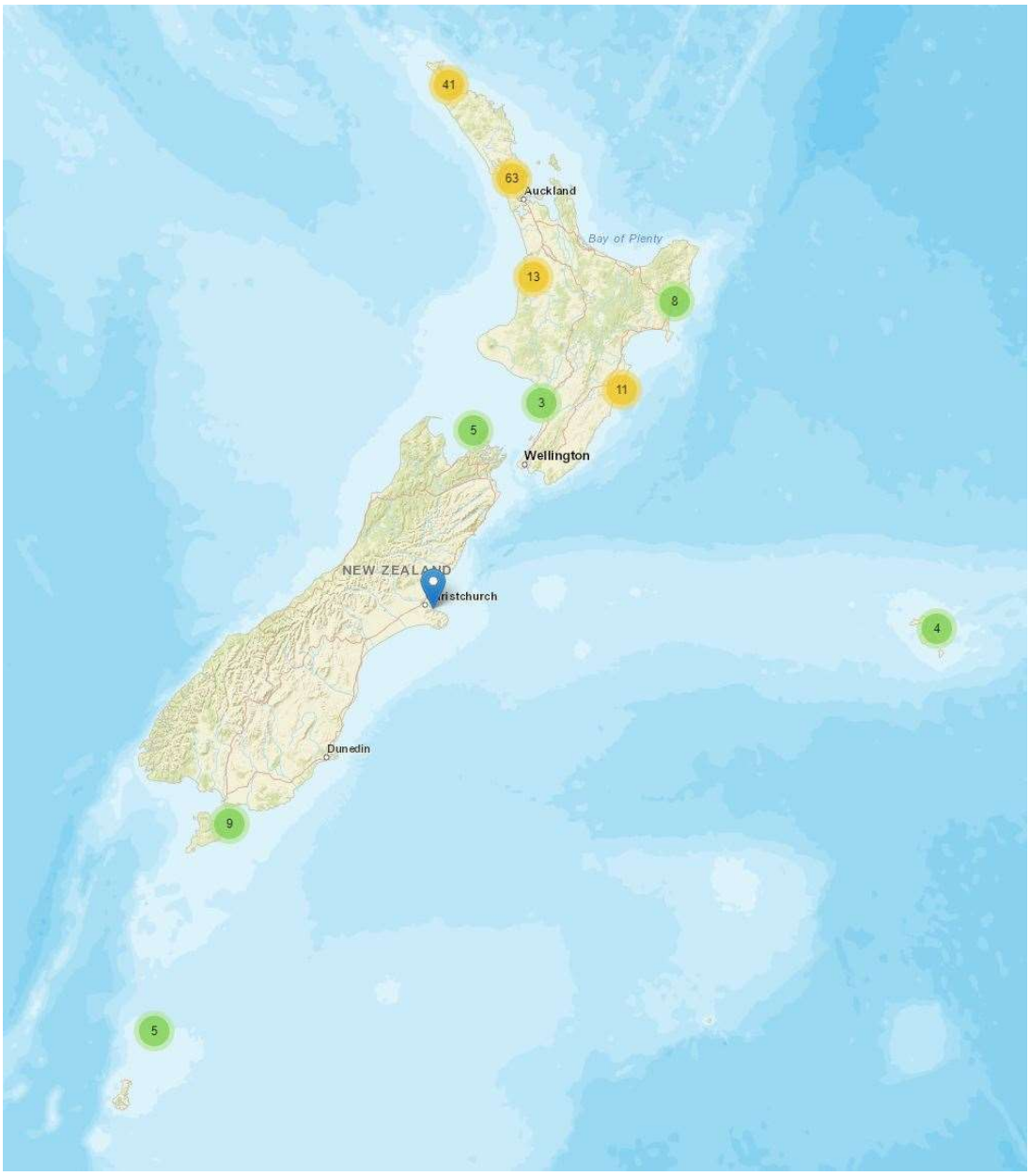

Figure 1. Summary map of collection localities for all individuals of protected turtles and fishes with samples held in the Auckland Museum Tissue Archive, as viewed in the user interface of GEOME. The location is generalised to region with the number of individuals shown in the circle. Blue location points indicate a single sample.

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1. Background: Tissue Archive purpose and objectives

The Protected Species Tissue Archive (Fishes and Turtles) is currently held at Tāmaki Paenga Hira Auckland War Memorial Museum and has been running since 2021. The archive began as an extension of DOC CSP project INT2018-04 Improving the collection of data and samples from bycatch basking sharks (Francis 2019, Finucci et al. 2021) and was broadened to include all protected fishes and turtles. It ensures appropriate curation of tissue samples obtained from these species, improved visibility of and access to samples by researchers and mana whenua, and is used to track the fate of samples, and scientific research outputs. The DOC Marine Conservation Services Program provided partial funds for the development which were 100% levied on the commercial fishing industry, maintenance and use of the Tissue Archive until mid-2024 with Auckland Museum providing in-kind support through staff time for the development and reporting on the Tissue Archive. This was due to alignment with the advancement of tissue collection development at the museum and the role of Auckland Museum within Aotearoa New Zealand (NZ).

Auckland Museum, and the collections it cares for, have an active role in the research community, receiving and maintaining specimen and tissue collections, making collections digitally available online, and dispensing loans and samples.

The Museum continues to actively develop its tissue holdings alongside the Protected Species Tissue Archive to support the growing interest in biodiversity genomics and other forms of sub-organismal molecular investigation. Our procedures are continually improved to ensure they follow best practice, and our vision includes supporting the research scientists and community in transitioning toward ethical research practice that is respectful and inclusive of indigenous communities.

The core role of the Museum is to care for the taonga of NZ in a culturally appropriate way, following best practice methods. The taonga in our care are managed for current and future generations.

Tissue collections, particularly those from protected species, are an invaluable biological resource for current and ongoing scientific research. Many tissues become irreplaceable as populations and distributions continue to decline or, in the worst case, species become extinct. The spatio-temporal collection of tissues from all species, but particularly protected species, allows researchers to carry out work such as tracking declines in genetic diversity, relationships among populations, informing translocation projects or examining changes in diet.

The objectives of the Protected Species Tissue Archive were to:

1) Establish a physical archive for tissue samples collected from protected species that meets accepted national and international standards, maximises their scientific value and allows tracking of the samples and the outputs any research using them.

2) Coordinate the collection, receipt and curation of tissue samples collected for research by fisheries observers, DOC staff, and collaborating organisations and individuals.
3) Increase the visibility of samples to researchers.
4) Report on the status and uses of tissues stored in the archive.
5) Establish appropriate cultural controls for the storage, use and disposal of tissue samples obtained from taonga species.

2. Results

2.1 Physical archive that maximises scientific value

The Protected Species Tissue Archive at Auckland Museum has been successfully established as part of the tissue collection the museum holds. Management standards for both samples and genetic data were developed to meet international standards.

Data fields within the Museum's collection management system (Vernon) were assessed against the Global Genome Biodiversity Network (GGBN). Data standards and tissue specific fields were developed in conjunction with a working group from the museum and research sector to ensure that the Tissue Archive meets GGBN core standards and to enhance the depth of tissue records within the Vernon database.

All deposited samples have been rehoused into cryo-vials (capable of being stored across standard and ultrafrozen temperatures) in 100% ethanol to reduce DNA degradation. Where large samples were received these were divided between up to three vials to retain a large amount of tissue for future subsampling and to minimise the amount of tissue that goes through a thaw cycle when subsampled.

2.2 Collection and curation of tissue samples collected for research by fisheries observers, DOC staff, and collaborating organisations and individuals.

Tissue Sampling Kits
Consultation with the Fisheries Observer Supervisor, Ministry for Primary Industries (MPI) at the beginning of the project revealed the existing kits developed for sampling basking sharks were not being used by fisheries observers due to the large size (7L) of the containers, which made them impractical to pack into a gear bag to take onboard the fishing vessels. Items not used in the original kits included digital cameras, as observers are provided with photography equipment by MPI.

Existing kits were refurbished to ensure they contained the correct equipment and repacked into smaller containers where necessary. Forty new kits were also made up.

Tissue sampling kits consist of (Fig. 2):
- 16 small plastic vials
- 4 large plastic vials
- 10 small snap lock bags
- 1 alcohol proof pen for labelling vials only

- 1 soft lead pencil
- 1 pair of surgical scissors
- 1 pair of forceps
- 70% alcohol wipes for cleaning scissors and forceps between samples
- Betadine for cleaning scissors and forceps between samples
- Paper labels (preservation quality) for writing unique identifier with lead pencil

Figure 2. Tissue sampling kit contents (labels also supplied)

Additional equipment supplied by MPI to observers utilised in tissue and data collection included:

- Photographic equipment
- At sea observer program datasheets
- Flexi fish mat

Replenishment of existing kits

MPI had an existing stock of 50 tissue sampling kits in circulation and storage. The cost saving arising from the creation of new kits was used to replenish all 50 existing kits. These kits were originally housed in 1L plastic containers with a slip-on lid. These lids were regularly taped on to prevent them falling off. We have supplied new, slightly larger containers with clip on lids to allow for the addition of 4 larger vials and to prevent kits falling open.

Protocols for sample collection, data checking and deposit with Auckland Museum were established in consultation with the Fisheries Observer Supervisor (MPI) and the Department of Conservation (DOC). The Fisheries Observer Supervisor would receive the tissues from the program, check the data against that recorded in the observer program database, and then dispatch the samples, data and images to Auckland Museum.

A sample submission spreadsheet and data collection protocol were provided to MPI, DOC staff and researchers to ensure the recording of all applicable information from each sample (Appendix B). These submission sheets have been successfully utilised and samples integrated into the archive.

Six tissue sampling kits were provided to the DOC Marine Species Manager for distribution. Instructions for sample/data collection were also provided to a number of DOC staff in different regions of NZ.

All tissues deposited in the archive since the project was initiated have been receipted and curated. See Section 3 below and Appendix A for further details.

2.3 Visibility of samples to researchers

Tissue archive samples and associated data are shared with generalised locations on Auckland Museum collections online. The locality has been generalised due to the threatened status of the species involved. Data has also been shared through the web-based Genomic Observatories MetaDatabase (GEOME http://n2t.net/ark:/21547/Flz2; Fig.3 and 4), this web-based database makes the Auckland Museum Tissue Archive queryable alongside other global collections. The data will also be shared with GBIF as part of regular Auckland Museum data uploads.

Images associated with the samples in lieu of voucher specimens (when available) are attached to the Vernon database records and maintained within the Auckland Museum servers. These images can be provided to researchers to allow for expert confirmation of species identification and accurate recording of bycatch species.

Information and images are provided to the Marine Species Manager, Department of Conservation and to researchers through direct request with permission sought from MPI to share images collected as part of the fishery observer program.

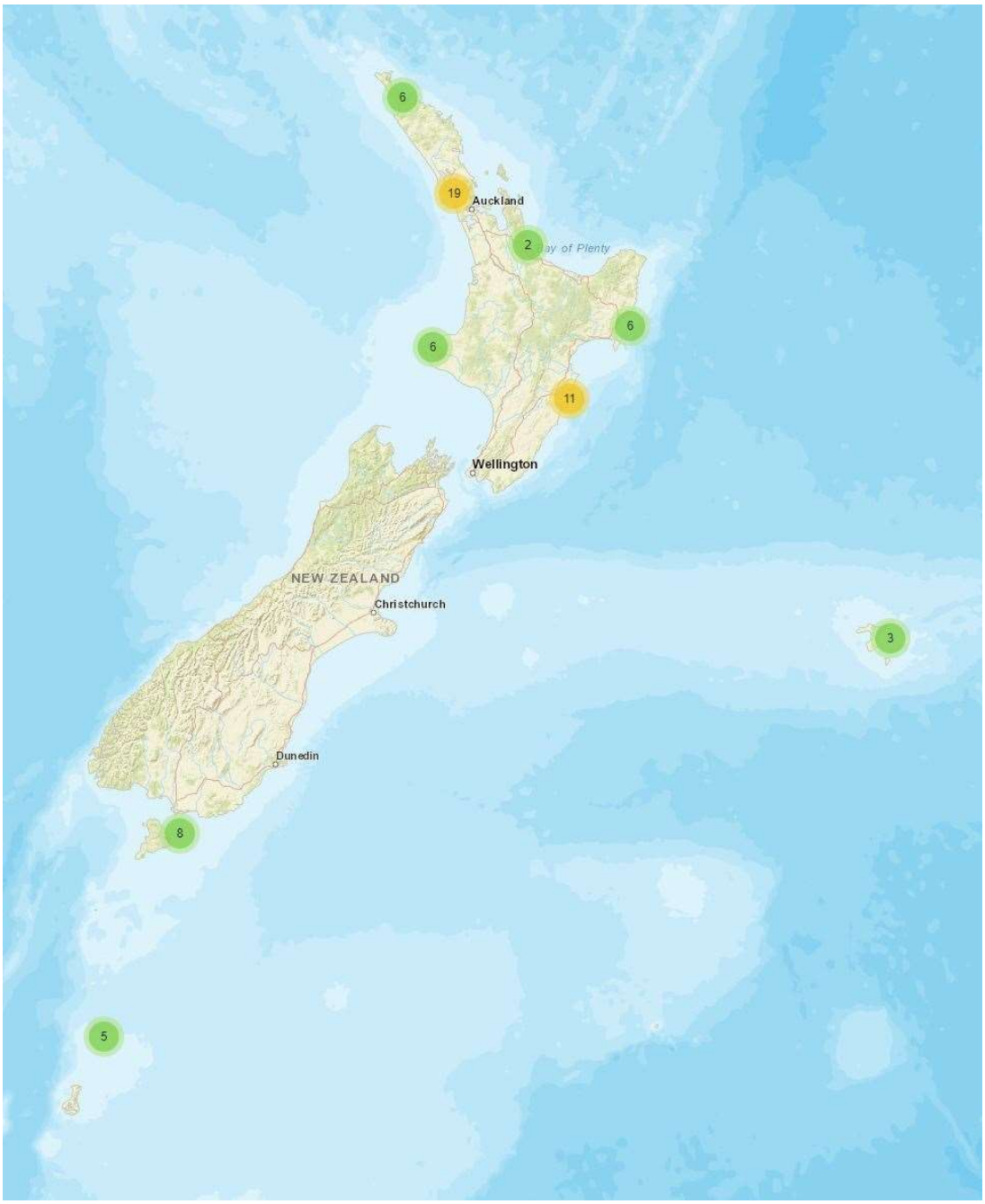

Figure 3. Map of protected fish individuals with samples held in the Auckland Museum Tissue Archive, as viewed in the user interface of GEOME. The location is generalised to region with the number of individuals shown in the circle.

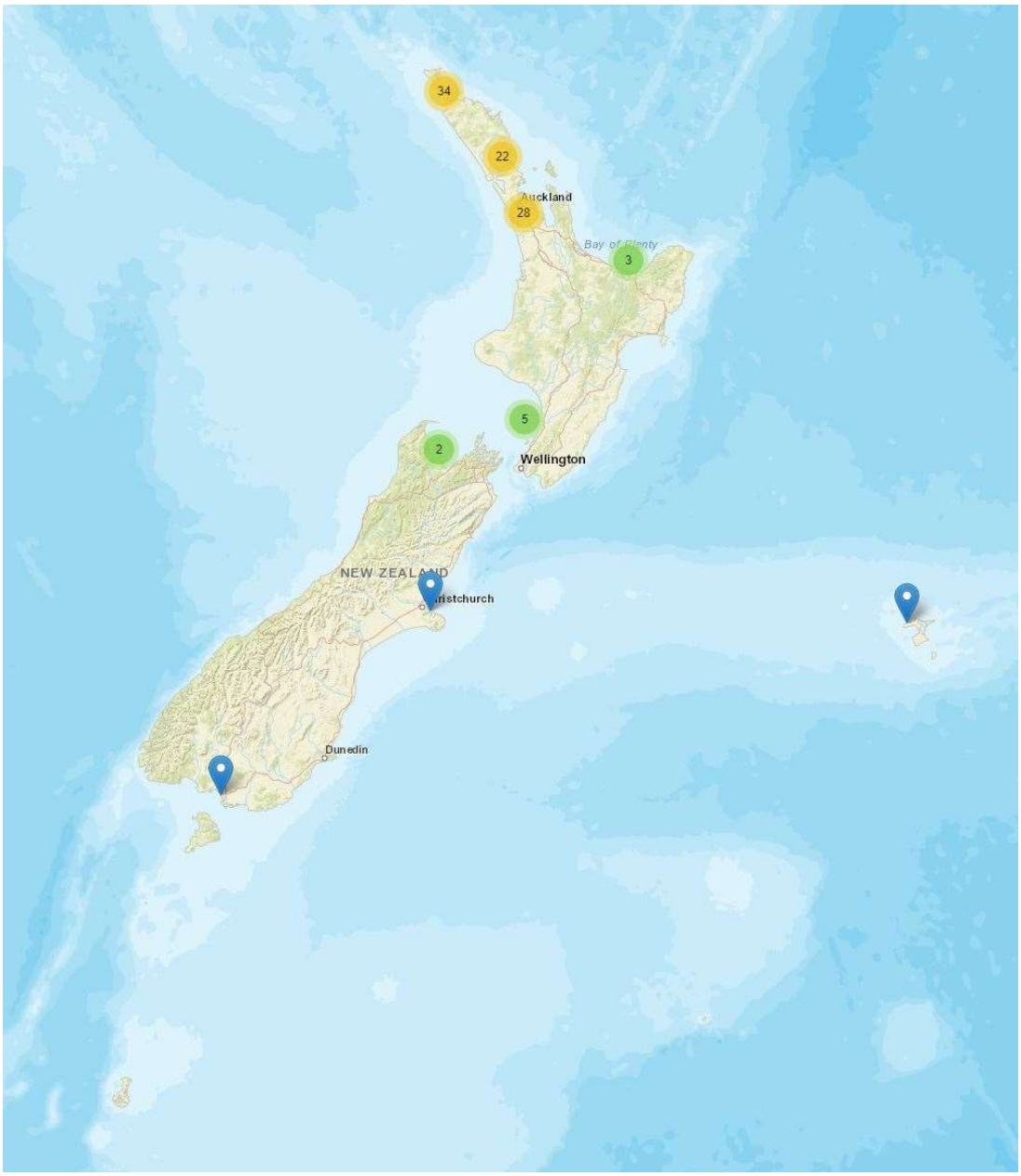

Figure 4. Map of protected turtle individuals with samples held in the Auckland Museum Tissue Archive, as viewed in the user interface of GEOME. The location is generalised to region with the number of individuals shown in the circle. Blue location points indicate a single sample.

2.4 Status and uses of tissues stored in the archive.

All tissues received have been housed in cryo-vials and are stored in absolute ethanol in a -20° Celsius freezer.

During this project two loan requests have been completed in consultation with the DOC Marine Species Manager. One of tissue samples from sharks and rays (3 subsamples) to The University of Otago and the second of leatherback turtles (4 subsamples) to the Australian Museum.

It is anticipated that loan requests will increase both over time and as the Tissue Archive grows with support from DOC. The intention of the archive is that tissues be available for use many decades into the future and not just to support currently known projects.

2.5 Cultural protocols and controls.

In the first two years of the project Dr Libby Liggins and Rebecca Bray engaged with the co-founders of Local Contexts (Prof. Maui Hudson and Prof. Jane Hudson; https://localcontexts.org/) and the scientific community both in NZ and internationally to set up a Technical Working Group with the purpose of guiding fit-for-purpose use of the Local Contexts system (Anderson and Christen, 2019) in biodiversity collections, including defining standard fields, and rules for field use, for Traditional Knowledge (TK) and Biocultural (BC) Labels (Anderson and Hudson, 2020) and Notices (Liggins et al. 2021).

In this project we have elected to use the Engagement Notice, “Open to Collaborate”, that affirms that we are committed to the development of new modes of collaboration, engagement, and partnership with Māori for the care and stewardship of past and future collections. We have also applied the Disclosure Notices (“Attribution Incomplete” and “Biocultural Notice”) to acknowledge that the tissue archive currently has incomplete, inaccurate, or missing attribution, and in recognition of the rights of Māori to define the use of these tissues associated with their rohe.

In the Local Contexts Hub, we have created a Project, Protected Species Tissue Archive – Auckland Museum that holds these Notices, and will record when/if a Māori community places a Label on any part of the collection. This Local Contexts Project interoperates with the project and data in GEOME ensuring that that the Disclosure Notices are visible within GEOME. Record of Notices and Labels can also be applied within the Vernon database using the four Permit fields in GGBN Data Standards. These fields are in a table and allow for the addition of permits and permissions applied directly by iwi in addition to those applied through the Local Contexts system of Notices and Labels.

The data use and loans process for the Threatened Species Tissue Archive involves an ongoing working relationship between the Marine Species Manager (DOC), Auckland Museum staff and the relevant iwi/whanau/hapu. These permissions around samples and data use can be communicated through the cultural permissions process and/or via Traditional Knowledge (TK)

and Biocultural (BC) Labels associated with samples. The latter will be automated in the future through the Local Contexts Hub.

Access to archived samples will be moderated by the Marine Species Manager (DOC), and any identifying iwi/whānau/hapū. Auckland Museum will therefore:

i) Record rights and permissions where applicable in the Vernon database (including those that hold the relevant Local Contexts project identifier and associated Notices and Labels).
ii) Liaise with and/or direct researchers to the Marine Species Manager (DOC) and relevant iwi/whānau/hapū regarding requests to loan research material.
iii) Define conditions of loan (if not stipulated by TK or BC Labels), and researcher reporting requirements (i.e. provision and sharing of data, retention and reporting of Notices/Labels alongside data, metadata, and publications).

Intended future use of the Notices and Labels

As the museum further consults with iwi on the use of cultural permissions and TK/BC Notices and Labels the following process (or adaptation of) will be put in place.

i) tissue samples within a geographic sampling point (scale yet to be determined) will be provided a unique TK Notice and BC Notice generated by the Local Contexts Hub. These Notices signal the indigenous provenance of samples, and the rights of indigenous communities to define the future use of samples and derived benefits. Through the Hub, Notices invite Māori communities to use Labels to define community expectations about appropriate use of biocultural collections and data (see Local Contexts).

ii) Applied Notices and Labels will be linked to physical samples using the Museum's Vernon database and form part of the metadata updates shared on GEOME.

iii) Annual reports will be provided to DOC on the application TK and BC Notices and Labels, and the Māori communities that have rights and interests in the samples housed in the Protected Species Tissue Archive.

3. Summary of samples

A total of 699 samples from 166 individuals of protected fishes and reptiles were curated in the tissue archive during the project (December 2021 – June 2024; Table 1). Amongst the total include samples collected as part of the POP2021-05 project (Finucci & Maolagáin 2022) provided by NIWA and tissues from 85 turtle individuals donated by Massey University. Only 16 samples from six individuals were collected by the fisheries observer program.

A summary of samples currently held in the Tissue Archive is provided in Appendix A. Detailed locality information has not been included due to the protected status of the species concerned

but can be provided on request. Full data for the samples currently held in the Tissue Archive has been submitted to the DOC Marine Species Manager.

Table 1. Number of individuals for each species deposited in the Protected Species Tissue Archive during the INT2021-04 project. Source of the samples: MPI = Ministry of Primary Industries Observer Program, DOC = Department of Conservation Marine Species Manager, Other = Basking shark tissue from National Institute of Water & Atmospheric Research and Olive Ridley tissue from Auckland Zoo, MU = Massey University.

	Common Name	MPI	DOC	Other	MU	Total
Fishes						
Carcharodon carcharias	White pointer shark	0	60	0	0	60
Cetorhinus maximus	Basking shark	3	0	1	0	4
Mobula birostris	Giant oceanic manta ray	0	2	0	0	2
					Total fish individuals	66
Turtles						
Chelonia mydas	Green sea turtle	0	4	0	50	54
Dermochelys coriacea	Leatherback sea turtle	1	1	0	2	4
Eretmochelys imbricata	Hawksbill sea turtle	0	1	0	14	15
Lepidochelys olivacea	Olive Ridley sea turtle	2	4	2	19	27
					Total turtle individuals	100
	Total individuals	6	72	3	85	166

Turtle Samples – Massey University
Due to the closure of the School of Natural Sciences at Massey University, samples from a large number of turtles collected between (2003 and 2018) were at risk. With the low numbers of tissues received from the observer program a decision was made by the Museum to prioritise accessioning and curating the samples into the Tissue Archive.

Following checks of tissue quality and minimum data standards, samples were retained from 85 turtle individuals and added to the Threatened Species Tissue Archive. For the majority of individuals, samples from multiple tissue types were available (liver, heart, muscle, spleen). Up to three vials from each tissue type was retained to support future research opportunities. Turtle material for some specimens also included humeri, head or in limited cases whole specimens. Where possible these have also been retained and accessioned into the Auckland Museum collections.

4. Future recommendations

1) **Continue the Protected Species Tissue Archive.** The initial 3-years of the program has been a success over all resulting in 699 tissue vials from 166 individuals. The Archive acts as a central repository for samples and their data that is managed into the long-term. The Protected Species Tissue Archive is an essential tool for ongoing

protected species management in both NZ and Internationally. Museums are ideal places for tissue archives, providing greater stability in the long-term care and management of collections.

2) **Consolidate and submit tissue samples currently held by DOC to the Tissue Archive.** From personal communication with DOC staff, there are samples and specimens currently that exist in various DOC offices throughout the country. A dedicated approach from the DOC is required to collate these samples and submit for accessioning into the archive. This will better ensure the longevity of the samples, the curation of the collection data and broader awareness that the samples exist. This may also include specimens that could be offered to the museum

3) **Enhance the collection of protected species biological samples by fishers and fisheries observers.** The limited number of tissue samples (six individuals) collected by fishery observers represents a missed opportunity. Tissue samples from deceased bycatch species allow for ongoing genetic monitoring of populations, including estimation of population size, stock structure, inter- and intra-group relatedness, movements and connectivity of populations and identification of source populations (e.g. Pardini et al. 2001; Hoelzel et al. 2006; Gubili et al. 2012; Francis & Ritchie 2016; Corrigan et al. 2018; Hillary et al. 2018; Lieber et al. 2020; Jensen et al. 2022).

4) **Expand the Protected Species Tissue Archive (Marine Fauna).** With the establishment of the Protected Species tissue archive, storage data standards, and cultural controls, this project could be formally expanded to other marine species groups such as corals.

5. Acknowledgements

We would like to thank all those involved with the establishment and success of this project and the Protected Species Tissue Archive at Auckland Museum including Ricky-Lee Erickson (AM), Clinton Duffy (AM), Tom Trnski (AM), Libby Liggins (University of Auckland), Logan Gibb (MPI) and Karen Middlemiss (DOC). We would also like to that those researchers, observers, fishers and DOC staff who contributed samples to the archive.

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Appendix A: Summary of tissue samples (parent and duplicate) held in the Protected Species Tissue Archive; fishes and turtles.

Accession No	Field Coll Date	Taxonomic Classification	Long Name species level	Specimen Category	Storage Method	Other Id	Acquisition Source	Count	Parent/Duplicate
TA000570	12 October 2023	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	8239	Department of Conservation	1	parent
TA000571	12 October 2023	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	8239	Department of Conservation	1	duplicate sample
TA000572	12 October 2023	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	8239	Department of Conservation	1	duplicate sample
TA000577	18 December 2017	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	9769	Department of Conservation	1	parent
TA002005	1 April 2009	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	GWNZ06-003	Department of Conservation	1	parent
TA002000	29 December 2008	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	GWNZ06-013	Department of Conservation	1	parent
TA002001	29 December 2008	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	GWNZ06-013	Department of Conservation	1	duplicate sample
TA002002	29 December 2008	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	GWNZ06-013	Department of Conservation	1	duplicate sample
TA002003	24 March 2010	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	GWNZ06-017	Department of Conservation	1	parent
TA002004	24 March 2010	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	GWNZ06-018	Department of Conservation	1	parent
TA002006	24 March 2010	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	GWNZ06-019	Department of Conservation	1	parent
TA001999	5 February 2011	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	GWNZ06-020	Department of Conservation	1	parent
TA000040	27 September 2004	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 10	Department of Conservation	1	parent
TA000041	27 September 2004	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 11	Department of Conservation	1	duplicate sample
TA000045	27 December 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 13	Department of Conservation	1	parent
TA000046	27 December 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 14	Department of Conservation	1	duplicate sample
TA000047	27 December 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 15	Department of Conservation	1	duplicate sample
TA000048	27 December 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 16	Department of Conservation	1	duplicate sample
TA000033	30 March 2007	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 17	Department of Conservation	1	parent
TA000034	30 March 2007	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 18	Department of Conservation	1	duplicate sample
TA000035	30 March 2007	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 19	Department of Conservation	1	duplicate sample
TA000036	30 March 2007	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 20	Department of Conservation	1	duplicate sample
TA000037	31 August 2004	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 21	Department of Conservation	1	parent
TA000038	31 August 2004	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 22	Department of Conservation	1	duplicate sample
TA000039	31 August 2004	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 23	Department of Conservation	1	duplicate sample
TA000049	27 December 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 24, White shark #2	Department of Conservation	1	parent
TA000050	27 December 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 25, White shark #2	Department of Conservation	1	duplicate sample
TA000051	27 December 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 26, White shark #2	Department of Conservation	1	duplicate sample
TA000052	27 December 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 27, White shark #2	Department of Conservation	1	duplicate sample
TA000024	15 September 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 29	Department of Conservation	1	parent
TA000025	15 September 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 30	Department of Conservation	1	duplicate sample
TA000006	16 January 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 33	Department of Conservation	1	parent
TA000003	2 February 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 34	Department of Conservation	1	parent
TA000005	2 February 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 35	Department of Conservation	1	duplicate sample
TA000004	2 February 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 36	Department of Conservation	1	duplicate sample
TA000010	17 December 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 4	Department of Conservation	1	parent
TA000030	25 November 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 40	Department of Conservation	1	parent
TA000031	25 November 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 41	Department of Conservation	1	duplicate sample
TA000032	25 November 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 42	Department of Conservation	1	duplicate sample
TA000018	28 May 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 48	Department of Conservation	1	parent
TA000019	28 May 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 49	Department of Conservation	1	duplicate sample
TA000011	17 December 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 5	Department of Conservation	1	duplicate sample
TA000020	28 May 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 50	Department of Conservation	1	duplicate sample
TA000012	17 December 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 6	Department of Conservation	1	duplicate sample
TA000042	18 September 2005	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 8	Department of Conservation	1	parent
TA000043	18 September 2005	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 9	Department of Conservation	1	duplicate sample
TA000247	19 January 1993	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_1	NIWA	1	parent
TA000256	28 May 1998	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_10A	NIWA	1	parent
TA000257	28 May 1998	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_10B	NIWA	1	duplicate sample
TA000258	31 August 2004	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_11	NIWA	1	parent
TA000259	19 October 2005	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_12	NIWA	1	parent
TA000260	7 November 1997	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_13	NIWA	1	parent
TA000261	7 August 1998	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_14	NIWA	1	parent
TA000262	1 October 2005	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_15	NIWA	1	parent
TA000263	1 February 2009	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_16	NIWA	1	parent
TA000264	17 September 2017	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_17	NIWA	1	parent

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TA000265	25 August 1998	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_18	NIWA	1	parent
TA000266	1 May 1999	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_19	NIWA	1	parent
TA000248	21 February 1993	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_2	NIWA	1	parent
TA000267	1 May 1999	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_20	NIWA	1	duplicate sample
TA000268	16 November 2015	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_21	NIWA	1	parent
TA000269	22 July 2019	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_22	NIWA	1	parent
TA000270	1 August 2005	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_23	NIWA	1	parent
TA000271	18 August 2014	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_24	NIWA	1	parent
TA000272	28 May 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_25	NIWA	1	parent
TA000273	6 July 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_26	NIWA	1	parent
TA000274	29 December 2008	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_27	NIWA	1	parent
TA000275	29 January 2006	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_28	NIWA	1	parent
TA000276	5 February 2006	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_29	NIWA	1	parent
TA000249	23 February 1993	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_3	NIWA	1	parent
TA000277	3 October 1997	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_30	NIWA	1	parent
TA000278	20 December 1999	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_31	NIWA	1	parent
TA000279	9 February 2007	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_32	NIWA	1	parent
TA000280	25 November 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_33	NIWA	1	parent
TA000287	25 November 2021	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_33	NIWA	1	duplicate sample
TA000281	3 October 2000	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_34	NIWA	1	parent
TA000286	3 October 2000	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_34	NIWA	1	duplicate sample
TA000282	2 January 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_35	NIWA	1	parent
TA000283	3 March 2000	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_36	NIWA	1	parent
TA000284	28 September 2004	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_37	NIWA	1	parent
TA000285	28 September 2004	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_37	NIWA	1	duplicate sample
TA000250	8 October 1995	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_4	NIWA	1	parent
TA000251	3 March 2000	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_5	NIWA	1	parent
TA000252	18 September 2005	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_6	NIWA	1	parent
TA000253	20 March 2008	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_7	NIWA	1	parent
TA000254	19 August 1997	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_8	NIWA	1	parent
TA000255	19 October 2006	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen	ururoa_9	NIWA	1	parent
TA000108	19 October 2022	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	parent
TA000384	21 November 2022	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	parent
TA000573	7 March 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	parent
TA001997	15 March 2024	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	parent
TA000109	19 October 2022	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000110	19 October 2022	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000111	19 October 2022	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000112	19 October 2022	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000113	19 October 2022	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000385	21 November 2022	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000386	21 November 2022	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000387	21 November 2022	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000388	21 November 2022	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000389	21 November 2022	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000574	7 March 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000575	7 March 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000576	7 March 2020	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000578	18 December 2017	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000579	18 December 2017	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA001998	15 March 2024	*Carcharodon carcharias*	White Shark; Mangō Tuatini	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000503	17 October 2022	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen	6262, 6686/24, 9859	NIWA	1	parent
TA000504	17 October 2022	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen	6262, 6686/24, 9859	NIWA	1	duplicate sample
TA000505	17 October 2022	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen	6262, 6686/24, 9859	NIWA	1	duplicate sample
TA000506	17 October 2022	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen	6262, 6686/24, 9859	NIWA	1	duplicate sample
TA000507	17 October 2022	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen	6262, 6686/24, 9859	NIWA	1	duplicate sample
TA000508	17 October 2022	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen	6262, 6686/24, 9859	NIWA	1	duplicate sample
TA000516	8 February 2023	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen	6756/7, KOSB	Ministry for Primary Industries	1	parent

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TA000517	8 February 2023	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen	6756/7, KOSB	Ministry for Primary Industries	1	duplicate sample
TA000518	8 February 2023	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen	6756/7, KOSB	Ministry for Primary Industries	1	duplicate sample
TA000523	8 February 2023	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen	6756/7, KOSB	Ministry for Primary Industries	1	duplicate sample
TA000565	27 December 2023	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen	6923, HBAL, 61	Ministry for Primary Industries	1	parent
TA000566	13 December 2023	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen		Ministry for Primary Industries	1	parent
TA000567	13 December 2023	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen		Ministry for Primary Industries	1	duplicate sample
TA000568	13 December 2023	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen		Ministry for Primary Industries	1	duplicate sample
TA000569	13 December 2023	*Cetorhinus maximus*	Basking Shark; Reremai	tissue	cryovial 1.5ml/-20° celcius/frozen		Ministry for Primary Industries	1	duplicate sample
TA000604	1 July 2005	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	chunk 3	Massey University	1	parent
TA000605	1 July 2005	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	chunk 3	Massey University	1	duplicate sample
TA000606	1 July 2005	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	chunk 3	Massey University	1	duplicate sample
TA001762	10 January 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0110/140	Massey University	1	parent
TA001759	10 January 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0110/140	Massey University	1	duplicate sample
TA001760	10 January 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0110/140	Massey University	1	duplicate sample
TA001761	10 January 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0110/140	Massey University	1	duplicate sample
TA001763	10 January 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0110/140	Massey University	1	duplicate sample
TA001764	10 January 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0110/140	Massey University	1	duplicate sample
TA001786	13 January 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0112/217	Massey University	1	parent
TA001783	13 January 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0112/217	Massey University	1	duplicate sample
TA001784	13 January 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0112/217	Massey University	1	duplicate sample
TA001785	13 January 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0112/217	Massey University	1	duplicate sample
TA001787	13 January 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0112/217	Massey University	1	duplicate sample
TA001788	13 January 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0112/217	Massey University	1	duplicate sample
TA001792	14 January 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0112/218	Massey University	1	parent
TA001789	14 January 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0112/218	Massey University	1	duplicate sample
TA001790	14 January 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0112/218	Massey University	1	duplicate sample
TA001791	14 January 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0112/218	Massey University	1	duplicate sample
TA001793	14 January 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0112/218	Massey University	1	duplicate sample
TA001794	14 January 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0112/218	Massey University	1	duplicate sample
TA001810	30 January 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0115/512	Massey University	1	parent
TA001015	30 January 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0115/512	Massey University	1	duplicate sample
TA001016	30 January 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0115/512	Massey University	1	duplicate sample
TA001017	30 January 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0115/512	Massey University	1	duplicate sample
TA001811	30 January 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0115/512	Massey University	1	duplicate sample
TA001812	30 January 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0115/512	Massey University	1	duplicate sample
TA001813	30 January 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0115/512	Massey University	1	duplicate sample
TA001814	30 January 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0115/512	Massey University	1	duplicate sample
TA001815	30 January 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0115/512	Massey University	1	duplicate sample
TA001009	7 January 2016	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0116/612	Massey University	1	parent
TA001010	7 January 2016	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0116/612	Massey University	1	duplicate sample
TA001011	7 January 2016	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0116/612	Massey University	1	duplicate sample
TA001012	7 January 2016	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0116/612	Massey University	1	duplicate sample
TA001013	7 January 2016	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0116/612	Massey University	1	duplicate sample
TA001014	7 January 2016	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0116/612	Massey University	1	duplicate sample
TA001417	18 January 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0117/648	Massey University	1	parent
TA001418	18 January 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0117/648	Massey University	1	duplicate sample
TA001419	18 January 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0117/648	Massey University	1	duplicate sample
TA001420	18 January 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0117/648	Massey University	1	duplicate sample
TA001421	18 January 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0117/648	Massey University	1	duplicate sample
TA001422	18 January 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0117/648	Massey University	1	duplicate sample
TA001483	27 January 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0117/665	Massey University	1	parent
TA001484	27 January 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0117/665	Massey University	1	duplicate sample
TA001485	27 January 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0117/665	Massey University	1	duplicate sample
TA001486	27 January 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0117/665	Massey University	1	duplicate sample
TA001487	27 January 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0117/665	Massey University	1	duplicate sample
TA001488	27 January 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0117/665	Massey University	1	duplicate sample
TA001843	9 February 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0212/266	Massey University	1	parent
TA001844	9 February 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0212/266	Massey University	1	duplicate sample

Accession No	Field Coll Date	Taxonomic Classification	Long Name species level	Specimen Category	Storage Method	Other Id	Acquisition Source	Count	Parent/Duplicate
TA001845	9 February 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0212/266	Massey University	1	duplicate sample
TA001540	2 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/467	Massey University	1	parent
TA001541	2 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/467	Massey University	1	duplicate sample
TA001542	2 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/467	Massey University	1	duplicate sample
TA001825	2 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/467	Massey University	1	duplicate sample
TA001826	2 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/467	Massey University	1	duplicate sample
TA001827	2 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/467	Massey University	1	duplicate sample
TA001828	2 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/467	Massey University	1	duplicate sample
TA001829	2 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/467	Massey University	1	duplicate sample
TA001830	2 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/467	Massey University	1	duplicate sample
TA001492	6 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/469	Massey University	1	parent
TA001493	6 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/469	Massey University	1	duplicate sample
TA001494	6 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/469	Massey University	1	duplicate sample
TA001744	6 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/469	Massey University	1	duplicate sample
TA001745	6 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/469	Massey University	1	duplicate sample
TA001746	6 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/469	Massey University	1	duplicate sample
TA001747	6 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/469	Massey University	1	duplicate sample
TA001748	6 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/469	Massey University	1	duplicate sample
TA001749	6 February 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0214/469	Massey University	1	duplicate sample
TA001507	16 March 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0312/365	Massey University	1	parent
TA001508	16 March 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0312/365	Massey University	1	duplicate sample
TA001509	16 March 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0312/365	Massey University	1	duplicate sample
TA001510	16 March 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0312/365	Massey University	1	duplicate sample
TA001511	16 March 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0312/365	Massey University	1	duplicate sample
TA001512	16 March 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0312/365	Massey University	1	duplicate sample
TA001462	30 March 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0314/475	Massey University	1	parent
TA001096	30 March 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0314/475	Massey University	1	duplicate sample
TA001105	30 March 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0314/475	Massey University	1	duplicate sample
TA001137	30 March 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0314/475	Massey University	1	duplicate sample
TA001160	30 March 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0314/475	Massey University	1	duplicate sample
TA001169	30 March 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0314/475	Massey University	1	duplicate sample
TA001185	30 March 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0314/475	Massey University	1	duplicate sample
TA001463	30 March 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0314/475	Massey University	1	duplicate sample
TA001464	30 March 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0314/475	Massey University	1	duplicate sample
TA001018	15 April 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0411/124	Massey University	1	parent
TA000583	15 April 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0411/124	Massey University	1	duplicate sample
TA000584	15 April 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0411/124	Massey University	1	duplicate sample
TA000585	15 April 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0411/124	Massey University	1	duplicate sample
TA001019	15 April 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0411/124	Massey University	1	duplicate sample
TA001020	15 April 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0411/124	Massey University	1	duplicate sample
TA001128	15 April 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0411/363	Massey University	1	parent
TA001144	15 April 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0411/363	Massey University	1	duplicate sample
TA001154	15 April 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0411/363	Massey University	1	duplicate sample
TA001156	15 April 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0411/363	Massey University	1	duplicate sample
TA001164	15 April 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0411/363	Massey University	1	duplicate sample
TA001166	15 April 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0411/363	Massey University	1	duplicate sample
TA001522	14 April 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0417/659	Massey University	1	parent
TA001523	14 April 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0417/659	Massey University	1	duplicate sample
TA001524	14 April 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0417/659	Massey University	1	duplicate sample
TA001525	14 April 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0417/659	Massey University	1	duplicate sample
TA001526	14 April 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0417/659	Massey University	1	duplicate sample
TA001527	14 April 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0417/659	Massey University	1	duplicate sample
TA001432	10 May 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0509/051	Massey University	1	parent
TA001433	10 May 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0509/051	Massey University	1	duplicate sample
TA001434	10 May 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0509/051	Massey University	1	duplicate sample
TA001435	10 May 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0509/051	Massey University	1	duplicate sample
TA001436	10 May 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0509/051	Massey University	1	duplicate sample
TA001437	10 May 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0509/051	Massey University	1	duplicate sample

Accession No	Field Coll Date	Taxonomic Classification	Long Name species level	Specimen Category	Storage Method	Other Id	Acquisition Source	Count	Parent/Duplicate
TA001378	28 May 2018	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0518/700	Massey University	1	parent
TA001366	28 May 2018	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0518/700	Massey University	1	duplicate sample
TA001367	28 May 2018	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0518/700	Massey University	1	duplicate sample
TA001368	28 May 2018	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0518/700	Massey University	1	duplicate sample
TA001369	28 May 2018	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0518/700	Massey University	1	duplicate sample
TA001370	28 May 2018	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0518/700	Massey University	1	duplicate sample
TA001371	28 May 2018	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0518/700	Massey University	1	duplicate sample
TA001379	28 May 2018	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0518/700	Massey University	1	duplicate sample
TA001380	28 May 2018	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0518/700	Massey University	1	duplicate sample
TA001186	14 June 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0610/076	Massey University	1	parent
TA001123	14 June 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0610/076	Massey University	1	duplicate sample
TA001172	14 June 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0610/076	Massey University	1	duplicate sample
TA001173	14 June 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0610/076	Massey University	1	duplicate sample
TA001174	14 June 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0610/076	Massey University	1	duplicate sample
TA001187	14 June 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0610/076	Massey University	1	duplicate sample
TA001168	22 June 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0617/691	Massey University	1	parent
TA001098	22 June 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0617/691	Massey University	1	duplicate sample
TA001136	22 June 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0617/691	Massey University	1	duplicate sample
TA001157	22 June 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0617/691	Massey University	1	duplicate sample
TA001183	22 June 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0617/691	Massey University	1	duplicate sample
TA001189	22 June 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0617/691	Massey University	1	duplicate sample
TA001429	22 June 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0617/691	Massey University	1	duplicate sample
TA001430	22 June 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0617/691	Massey University	1	duplicate sample
TA001431	22 June 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0617/691	Massey University	1	duplicate sample
TA001855	29 July 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0712/283	Massey University	1	parent
TA001852	29 July 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0712/283	Massey University	1	duplicate sample
TA001853	29 July 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0712/283	Massey University	1	duplicate sample
TA001854	29 July 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0712/283	Massey University	1	duplicate sample
TA001856	29 July 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0712/283	Massey University	1	duplicate sample
TA001857	29 July 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0712/283	Massey University	1	duplicate sample
TA001513	14 July 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0714/480	Massey University	1	parent
TA001514	14 July 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0714/480	Massey University	1	duplicate sample
TA001515	14 July 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0714/480	Massey University	1	duplicate sample
TA001190	11 July 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0715/576	Massey University	1	parent
TA000586	11 July 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0715/576	Massey University	1	duplicate sample
TA000587	11 July 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0715/576	Massey University	1	duplicate sample
TA000983	11 July 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0715/576	Massey University	1	duplicate sample
TA001340	11 July 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0715/576	Massey University	1	duplicate sample
TA001341	11 July 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0715/576	Massey University	1	duplicate sample
TA001140	29 January 2003	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0812/288	Massey University	1	parent
TA001117	29 January 2003	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0812/288	Massey University	1	duplicate sample
TA001125	29 January 2003	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0812/288	Massey University	1	duplicate sample
TA001145	29 January 2003	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0812/288	Massey University	1	duplicate sample
TA001163	29 January 2003	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0812/288	Massey University	1	duplicate sample
TA001165	29 January 2003	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0812/288	Massey University	1	duplicate sample
TA001795	30 August 2013	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0813/448	Massey University	1	parent
TA001796	30 August 2013	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0813/448	Massey University	1	duplicate sample
TA001797	30 August 2013	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0813/448	Massey University	1	duplicate sample
TA001798	30 August 2013	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0813/448	Massey University	1	duplicate sample
TA001799	30 August 2013	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0813/448	Massey University	1	duplicate sample
TA001800	30 August 2013	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0813/448	Massey University	1	duplicate sample
TA001348	19 September 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0915/588	Massey University	1	parent
TA001003	19 September 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0915/588	Massey University	1	duplicate sample
TA001004	19 September 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0915/588	Massey University	1	duplicate sample
TA001005	19 September 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0915/588	Massey University	1	duplicate sample
TA001006	19 September 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0915/588	Massey University	1	duplicate sample
TA001007	19 September 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0915/588	Massey University	1	duplicate sample
TA001008	19 September 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0915/588	Massey University	1	duplicate sample

Accession No	Field Coll Date	Taxonomic Classification	Long Name species level	Specimen Category	Storage Method	Other Id	Acquisition Source	Count	Parent/Duplicate
TA001349	19 September 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0915/588	Massey University	1	duplicate sample
TA001350	19 September 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0915/588	Massey University	1	duplicate sample
TA001342	7 September 2016	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0916/639	Massey University	1	parent
TA001343	7 September 2016	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0916/639	Massey University	1	duplicate sample
TA001344	7 September 2016	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0916/639	Massey University	1	duplicate sample
TA001345	7 September 2016	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0916/639	Massey University	1	duplicate sample
TA001346	7 September 2016	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0916/639	Massey University	1	duplicate sample
TA001347	7 September 2016	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0916/639	Massey University	1	duplicate sample
TA001438	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/673	Massey University	1	parent
TA001439	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/673	Massey University	1	duplicate sample
TA001440	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/673	Massey University	1	duplicate sample
TA001441	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/673	Massey University	1	duplicate sample
TA001442	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/673	Massey University	1	duplicate sample
TA001443	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/673	Massey University	1	duplicate sample
TA001351	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/674	Massey University	1	parent
TA000985	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/674	Massey University	1	duplicate sample
TA000986	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/674	Massey University	1	duplicate sample
TA000987	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/674	Massey University	1	duplicate sample
TA000988	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/674	Massey University	1	duplicate sample
TA000989	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/674	Massey University	1	duplicate sample
TA000990	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/674	Massey University	1	duplicate sample
TA001352	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/674	Massey University	1	duplicate sample
TA001353	24 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/674	Massey University	1	duplicate sample
TA001153	23 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/675	Massey University	1	parent
TA001100	23 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/675	Massey University	1	duplicate sample
TA001108	23 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/675	Massey University	1	duplicate sample
TA001113	23 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/675	Massey University	1	duplicate sample
TA001130	23 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/675	Massey University	1	duplicate sample
TA001155	23 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/675	Massey University	1	duplicate sample
TA001582	23 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/675	Massey University	1	duplicate sample
TA001665	23 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/675	Massey University	1	duplicate sample
TA001666	23 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/675	Massey University	1	duplicate sample
TA001558	28 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/676	Massey University	1	parent
TA001555	28 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/676	Massey University	1	duplicate sample
TA001556	28 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/676	Massey University	1	duplicate sample
TA001557	28 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/676	Massey University	1	duplicate sample
TA001559	28 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/676	Massey University	1	duplicate sample
TA001560	28 September 2017	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM0917/676	Massey University	1	duplicate sample
TA001579	8 October 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1009/063	Massey University	1	parent
TA001580	8 October 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1009/063	Massey University	1	duplicate sample
TA001581	8 October 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1009/063	Massey University	1	duplicate sample
TA001167	11 October 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1009/064	Massey University	1	parent
TA001097	11 October 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1009/064	Massey University	1	duplicate sample
TA001124	11 October 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1009/064	Massey University	1	duplicate sample
TA001148	11 October 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1009/064	Massey University	1	duplicate sample
TA001175	11 October 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1009/064	Massey University	1	duplicate sample
TA001176	11 October 2009	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1009/064	Massey University	1	duplicate sample
TA001372	4 October 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1011/137	Massey University	1	parent
TA001373	4 October 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1011/137	Massey University	1	duplicate sample
TA001374	4 October 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1011/137	Massey University	1	duplicate sample
TA001375	4 October 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1011/137	Massey University	1	duplicate sample
TA001376	4 October 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1011/137	Massey University	1	duplicate sample
TA001377	4 October 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1011/137	Massey University	1	duplicate sample
TA001393	10 September 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/314	Massey University	1	parent
TA001394	10 September 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/314	Massey University	1	duplicate sample
TA001395	10 September 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/314	Massey University	1	duplicate sample
TA001396	10 September 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/314	Massey University	1	duplicate sample
TA001397	10 September 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/314	Massey University	1	duplicate sample

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TA001398	10 September 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/314	Massey University	1	duplicate sample
TA001411	16 October 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/315	Massey University	1	parent
TA001412	16 October 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/315	Massey University	1	duplicate sample
TA001413	16 October 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/315	Massey University	1	duplicate sample
TA001414	16 October 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/315	Massey University	1	duplicate sample
TA001415	16 October 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/315	Massey University	1	duplicate sample
TA001416	16 October 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/315	Massey University	1	duplicate sample
TA001471	15 October 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/447	Massey University	1	parent
TA001472	15 October 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/447	Massey University	1	duplicate sample
TA001473	15 October 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/447	Massey University	1	duplicate sample
TA001474	15 October 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/447	Massey University	1	duplicate sample
TA001475	15 October 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/447	Massey University	1	duplicate sample
TA001476	15 October 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1012/447	Massey University	1	duplicate sample
TA001354	24 October 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1014/493	Massey University	1	parent
TA001355	24 October 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1014/493	Massey University	1	duplicate sample
TA001356	24 October 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1014/493	Massey University	1	duplicate sample
TA001390	24 October 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1014/493	Massey University	1	duplicate sample
TA001391	24 October 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1014/493	Massey University	1	duplicate sample
TA001392	24 October 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1014/493	Massey University	1	duplicate sample
TA001489	25 October 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1014/494	Massey University	1	parent
TA001490	25 October 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1014/494	Massey University	1	duplicate sample
TA001491	25 October 2014	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1014/494	Massey University	1	duplicate sample
TA001147	2 October 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1015/613	Massey University	1	parent
TA001110	2 October 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1015/613	Massey University	1	duplicate sample
TA001133	2 October 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1015/613	Massey University	1	duplicate sample
TA001158	2 October 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1015/613	Massey University	1	duplicate sample
TA001159	2 October 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1015/613	Massey University	1	duplicate sample
TA001180	2 October 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1015/613	Massey University	1	duplicate sample
TA001801	2 October 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1015/613	Massey University	1	duplicate sample
TA001802	2 October 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1015/613	Massey University	1	duplicate sample
TA001803	2 October 2015	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1015/613	Massey University	1	duplicate sample
TA001450	6 November 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1110/108	Massey University	1	parent
TA001451	6 November 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1110/108	Massey University	1	duplicate sample
TA001452	6 November 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1110/108	Massey University	1	duplicate sample
TA001453	6 November 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1110/108	Massey University	1	duplicate sample
TA001454	6 November 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1110/108	Massey University	1	duplicate sample
TA001455	6 November 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1110/108	Massey University	1	duplicate sample
TA001357	28 November 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1110/109	Massey University	1	parent
TA001358	28 November 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1110/109	Massey University	1	duplicate sample
TA001359	28 November 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1110/109	Massey University	1	duplicate sample
TA001360	28 November 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1110/109	Massey University	1	duplicate sample
TA001361	28 November 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1110/109	Massey University	1	duplicate sample
TA001362	28 November 2010	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1110/109	Massey University	1	duplicate sample
TA001387	10 November 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1112/317	Massey University	1	parent
TA001384	10 November 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1112/317	Massey University	1	duplicate sample
TA001385	10 November 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1112/317	Massey University	1	duplicate sample
TA001386	10 November 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1112/317	Massey University	1	duplicate sample
TA001388	10 November 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1112/317	Massey University	1	duplicate sample
TA001389	10 November 2012	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1112/317	Massey University	1	duplicate sample
TA001447	26 November 2013	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1113/461	Massey University	1	parent
TA001444	26 November 2013	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1113/461	Massey University	1	duplicate sample
TA001445	26 November 2013	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1113/461	Massey University	1	duplicate sample
TA001446	26 November 2013	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1113/461	Massey University	1	duplicate sample
TA001448	26 November 2013	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1113/461	Massey University	1	duplicate sample
TA001449	26 November 2013	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1113/461	Massey University	1	duplicate sample
TA001768	30 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/145	Massey University	1	parent
TA001765	30 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/145	Massey University	1	duplicate sample
TA001766	30 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/145	Massey University	1	duplicate sample

Accession No	Field Coll Date	Taxonomic Classification	Long Name species level	Specimen Category	Storage Method	Other Id	Acquisition Source	Count	Parent/Duplicate
TA001767	30 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/145	Massey University	1	duplicate sample
TA001769	30 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/145	Massey University	1	duplicate sample
TA001770	30 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/145	Massey University	1	duplicate sample
TA001477	17 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/146	Massey University	1	parent
TA001478	17 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/146	Massey University	1	duplicate sample
TA001479	17 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/146	Massey University	1	duplicate sample
TA001480	17 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/146	Massey University	1	duplicate sample
TA001481	17 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/146	Massey University	1	duplicate sample
TA001482	17 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/146	Massey University	1	duplicate sample
TA001498	31 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/265	Massey University	1	parent
TA001495	31 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/265	Massey University	1	duplicate sample
TA001496	31 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/265	Massey University	1	duplicate sample
TA001497	31 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/265	Massey University	1	duplicate sample
TA001499	31 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/265	Massey University	1	duplicate sample
TA001500	31 December 2011	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZCM1211/265	Massey University	1	duplicate sample
TA000592	1 July 2005	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	UT05-04, chunk 1	Massey University	1	parent
TA000593	1 July 2005	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	UT05-04, chunk 1	Massey University	1	duplicate sample
TA000594	1 July 2005	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	UT05-04, chunk 1	Massey University	1	duplicate sample
TA000595	1 July 2005	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	UT05-05, chunk 2	Massey University	1	parent
TA000596	1 July 2005	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	UT05-05, chunk 2	Massey University	1	duplicate sample
TA000598	1 July 2005	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	UT05-05, chunk 2	Massey University	1	duplicate sample
TA000599	3 April 2007	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Massey University	1	parent
TA000777	18 October 2023	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	parent
TA001573	11 November 2023	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	parent
TA001576	9 February 2024	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	parent
TA002278	30 May 2022	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	parent
TA000600	3 April 2007	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Massey University	1	duplicate sample
TA000778	18 October 2023	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000786	18 October 2023	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000787	18 October 2023	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA001574	11 November 2023	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA001575	11 November 2023	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA001577	9 February 2024	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA001578	9 February 2024	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA002279	30 May 2022	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA002280	30 May 2022	*Chelonia mydas*	Green turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000580	14 January 2022	*Dermochelys coriacea*	Leatherback turtle; Leathery Turtle; Honu Hiwihiwi	tissue	cryovial 1.5ml/-20° celcius/frozen	6478, 10377	Ministry for Primary Industries	1	parent
TA000581	14 January 2022	*Dermochelys coriacea*	Leatherback turtle; Leathery Turtle; Honu Hiwihiwi	tissue	cryovial 1.5ml/-20° celcius/frozen	6478, 10377	Ministry for Primary Industries	1	duplicate sample
TA000582	14 January 2022	*Dermochelys coriacea*	Leatherback turtle; Leathery Turtle; Honu Hiwihiwi	tissue	cryovial 1.5ml/-20° celcius/frozen	6478, 10377	Ministry for Primary Industries	1	duplicate sample
TA000028	8 April 2021	*Dermochelys coriacea*	Leatherback turtle; Leathery Turtle; Honu Hiwihiwi	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 28	Department of Conservation	1	parent
TA000589	12 January 2006	*Dermochelys coriacea*	Leatherback turtle; Leathery Turtle; Honu Hiwihiwi	tissue	cryovial 1.5ml/-20° celcius/frozen	UT06-01	Massey University	1	parent
TA000590	12 January 2006	*Dermochelys coriacea*	Leatherback turtle; Leathery Turtle; Honu Hiwihiwi	tissue	cryovial 1.5ml/-20° celcius/frozen	UT06-01	Massey University	1	duplicate sample
TA000591	12 January 2006	*Dermochelys coriacea*	Leatherback turtle; Leathery Turtle; Honu Hiwihiwi	tissue	cryovial 1.5ml/-20° celcius/frozen	UT06-01	Massey University	1	duplicate sample
TA000601	21 May 2005	*Dermochelys coriacea*	Leatherback turtle; Leathery Turtle; Honu Hiwihiwi	tissue	cryovial 1.5ml/-20° celcius/frozen		Massey University	1	parent
TA000602	21 May 2005	*Dermochelys coriacea*	Leatherback turtle; Leathery Turtle; Honu Hiwihiwi	tissue	cryovial 1.5ml/-20° celcius/frozen		Massey University	1	duplicate sample
TA000603	21 May 2005	*Dermochelys coriacea*	Leatherback turtle; Leathery Turtle; Honu Hiwihiwi	tissue	cryovial 1.5ml/-20° celcius/frozen		Massey University	1	duplicate sample
TA001139	21 June 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0617/662	Massey University	1	duplicate sample
TA001150	21 June 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0617/662, B70147	Massey University	1	parent
TA001143	21 June 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0617/662, B70147	Massey University	1	duplicate sample
TA001118	12 July 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0711/127	Massey University	1	parent
TA001104	12 July 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0711/127	Massey University	1	duplicate sample
TA001115	12 July 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0711/127	Massey University	1	duplicate sample
TA001804	21 July 2016	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0716/634	Massey University	1	parent
TA001805	21 July 2016	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0716/634	Massey University	1	duplicate sample
TA001806	21 July 2016	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0716/634	Massey University	1	duplicate sample
TA001807	21 July 2016	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0716/634	Massey University	1	duplicate sample
TA001808	21 July 2016	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0716/634	Massey University	1	duplicate sample
TA001809	21 July 2016	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0716/634	Massey University	1	duplicate sample

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TA001726	15 August 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0811/129	Massey University	1	parent
TA001727	15 August 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0811/129	Massey University	1	duplicate sample
TA001728	15 August 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0811/129	Massey University	1	duplicate sample
TA001729	15 August 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0811/129	Massey University	1	duplicate sample
TA001730	15 August 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0811/129	Massey University	1	duplicate sample
TA001731	15 August 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0811/129	Massey University	1	duplicate sample
TA001738	7 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/666	Massey University	1	parent
TA001093	7 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/666	Massey University	1	duplicate sample
TA001095	7 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/666	Massey University	1	duplicate sample
TA001170	7 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/666	Massey University	1	duplicate sample
TA001739	7 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/666	Massey University	1	duplicate sample
TA001740	7 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/666	Massey University	1	duplicate sample
TA001741	7 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/666	Massey University	1	duplicate sample
TA001742	7 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/666	Massey University	1	duplicate sample
TA001743	7 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/666	Massey University	1	duplicate sample
TA001753	17 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/667	Massey University	1	parent
TA001750	17 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/667	Massey University	1	duplicate sample
TA001751	17 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/667	Massey University	1	duplicate sample
TA001752	17 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/667	Massey University	1	duplicate sample
TA001754	17 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/667	Massey University	1	duplicate sample
TA001755	17 August 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0817/667	Massey University	1	duplicate sample
TA001831	14 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/132	Massey University	1	parent
TA001771	14 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/132	Massey University	1	duplicate sample
TA001772	14 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/132	Massey University	1	duplicate sample
TA001773	14 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/132	Massey University	1	duplicate sample
TA001774	14 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/132	Massey University	1	duplicate sample
TA001775	14 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/132	Massey University	1	duplicate sample
TA001776	14 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/132	Massey University	1	duplicate sample
TA001832	14 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/132	Massey University	1	duplicate sample
TA001833	14 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/132	Massey University	1	duplicate sample
TA000997	20 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/134	Massey University	1	parent
TA000998	20 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/134	Massey University	1	duplicate sample
TA000999	20 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/134	Massey University	1	duplicate sample
TA001000	20 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/134	Massey University	1	duplicate sample
TA001001	20 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/134	Massey University	1	duplicate sample
TA001002	20 September 2011	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0911/134	Massey University	1	duplicate sample
TA001735	18 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/313	Massey University	1	parent
TA001732	18 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/313	Massey University	1	duplicate sample
TA001733	18 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/313	Massey University	1	duplicate sample
TA001734	18 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/313	Massey University	1	duplicate sample
TA001736	18 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/313	Massey University	1	duplicate sample
TA001737	18 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/313	Massey University	1	duplicate sample
TA001127	29 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/520	Massey University	1	parent
TA001094	29 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/520	Massey University	1	duplicate sample
TA001099	29 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/520	Massey University	1	duplicate sample
TA001103	29 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/520	Massey University	1	duplicate sample
TA001109	29 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/520	Massey University	1	duplicate sample
TA001114	29 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/520	Massey University	1	duplicate sample
TA001120	29 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/520	Massey University	1	duplicate sample
TA001134	29 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/520	Massey University	1	duplicate sample
TA001138	29 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/520	Massey University	1	duplicate sample
TA001146	29 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/520	Massey University	1	duplicate sample
TA001149	29 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/520	Massey University	1	duplicate sample
TA001188	29 September 2012	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0912/520	Massey University	1	duplicate sample
TA001849	13 September 2013	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0913/454	Massey University	1	parent
TA001846	13 September 2013	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0913/454	Massey University	1	duplicate sample
TA001847	13 September 2013	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0913/454	Massey University	1	duplicate sample
TA001848	13 September 2013	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0913/454	Massey University	1	duplicate sample

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TA001850	13 September 2013	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0913/454	Massey University	1	duplicate sample
TA001851	13 September 2013	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0913/454	Massey University	1	duplicate sample
TA001720	7 September 2015	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0915/586	Massey University	1	parent
TA001721	7 September 2015	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0915/586	Massey University	1	duplicate sample
TA001722	7 September 2015	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0915/586	Massey University	1	duplicate sample
TA001723	7 September 2015	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0915/586	Massey University	1	duplicate sample
TA001724	7 September 2015	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0915/586	Massey University	1	duplicate sample
TA001725	7 September 2015	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0915/586	Massey University	1	duplicate sample
TA001756	11 September 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0917/669	Massey University	1	parent
TA001757	11 September 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0917/669	Massey University	1	duplicate sample
TA001758	11 September 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI0917/669	Massey University	1	duplicate sample
TA001408	5 October 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI1017/681	Massey University	1	parent
TA001405	5 October 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI1017/681	Massey University	1	duplicate sample
TA001406	5 October 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI1017/681	Massey University	1	duplicate sample
TA001407	5 October 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI1017/681	Massey University	1	duplicate sample
TA001409	5 October 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI1017/681	Massey University	1	duplicate sample
TA001410	5 October 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI1017/681	Massey University	1	duplicate sample
TA001858	5 October 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI1017/681	Massey University	1	duplicate sample
TA001859	5 October 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI1017/681	Massey University	1	duplicate sample
TA001860	5 October 2017	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	NZEI1017/681	Massey University	1	duplicate sample
TA000029	2 July 2021	*Eretmochelys imbricata*	Hawksbill turtle; Honu	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 7	Department of Conservation	1	parent
TA000527	6 December 2022	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	61490	Ministry for Primary Industries	1	parent
TA000059	4 August 2020	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	6027-ORT-1-1, 6027, MPI 1	Ministry for Primary Industries	1	parent
TA000060	4 August 2020	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	6027-ORT-1-1, 6027, MPI 2	Ministry for Primary Industries	1	duplicate sample
TA000061	4 August 2020	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	6027-ORT-1-1, 6027, MPI 2	Ministry for Primary Industries	1	duplicate sample
TA001780	20 January 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0112/248	Massey University	1	parent
TA001777	20 January 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0112/248	Massey University	1	duplicate sample
TA001778	20 January 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0112/248	Massey University	1	duplicate sample
TA001779	20 January 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0112/248	Massey University	1	duplicate sample
TA001781	20 January 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0112/248	Massey University	1	duplicate sample
TA001782	20 January 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0112/248	Massey University	1	duplicate sample
TA001570	29 May 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0517/661	Massey University	1	parent
TA001567	29 May 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0517/661	Massey University	1	duplicate sample
TA001568	29 May 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0517/661	Massey University	1	duplicate sample
TA001569	29 May 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0517/661	Massey University	1	duplicate sample
TA001571	29 May 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0517/661	Massey University	1	duplicate sample
TA001572	29 May 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0517/661	Massey University	1	duplicate sample
TA001546	17 July 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0712/281	Massey University	1	parent
TA001543	17 July 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0712/281	Massey University	1	duplicate sample
TA001544	17 July 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0712/281	Massey University	1	duplicate sample
TA001545	17 July 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0712/281	Massey University	1	duplicate sample
TA001547	17 July 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0712/281	Massey University	1	duplicate sample
TA001548	17 July 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0712/281	Massey University	1	duplicate sample
TA001135	21 July 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0712/282	Massey University	1	parent
TA001107	21 July 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0712/282	Massey University	1	duplicate sample
TA001116	21 July 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0712/282	Massey University	1	duplicate sample
TA001126	21 July 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0712/282	Massey University	1	duplicate sample
TA001129	21 July 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0712/282	Massey University	1	duplicate sample
TA001182	21 July 2012	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0712/282	Massey University	1	duplicate sample
TA001501	14 July 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0717/663	Massey University	1	parent
TA001502	14 July 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0717/663	Massey University	1	duplicate sample
TA001503	14 July 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0717/663	Massey University	1	duplicate sample
TA001504	14 July 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0717/663	Massey University	1	duplicate sample
TA001505	14 July 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0717/663	Massey University	1	duplicate sample
TA001506	14 July 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0717/663	Massey University	1	duplicate sample
TA001561	29 August 2010	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0810/093	Massey University	1	parent
TA001562	29 August 2010	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0810/093	Massey University	1	duplicate sample
TA001563	29 August 2010	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0810/093	Massey University	1	duplicate sample

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TA001564	29 August 2010	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0810/093	Massey University	1	duplicate sample
TA001565	29 August 2010	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0810/093	Massey University	1	duplicate sample
TA001566	29 August 2010	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0810/093	Massey University	1	duplicate sample
TA001816	15 August 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0811/130	Massey University	1	parent
TA001817	15 August 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0811/130	Massey University	1	duplicate sample
TA001818	15 August 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0811/130	Massey University	1	duplicate sample
TA001819	15 August 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0811/130	Massey University	1	duplicate sample
TA001820	15 August 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0811/130	Massey University	1	duplicate sample
TA001821	15 August 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0811/130	Massey University	1	duplicate sample
TA001537	26 August 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0811/131	Massey University	1	parent
TA001534	26 August 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0811/131	Massey University	1	duplicate sample
TA001535	26 August 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0811/131	Massey University	1	duplicate sample
TA001536	26 August 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0811/131	Massey University	1	duplicate sample
TA001538	26 August 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0811/131	Massey University	1	duplicate sample
TA001539	26 August 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0811/131	Massey University	1	duplicate sample
TA001399	12 August 2013	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0813/444	Massey University	1	parent
TA001400	12 August 2013	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0813/444	Massey University	1	duplicate sample
TA001401	12 August 2013	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0813/444	Massey University	1	duplicate sample
TA001402	12 August 2013	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0813/444	Massey University	1	duplicate sample
TA001403	12 August 2013	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0813/444	Massey University	1	duplicate sample
TA001404	12 August 2013	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0813/444	Massey University	1	duplicate sample
TA001822	21 August 2015	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0815/584	Massey University	1	parent
TA001823	21 August 2015	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0815/584	Massey University	1	duplicate sample
TA001824	21 August 2015	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0815/584	Massey University	1	duplicate sample
TA001552	20 September 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0911/133	Massey University	1	parent
TA001549	20 September 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0911/133	Massey University	1	duplicate sample
TA001550	20 September 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0911/133	Massey University	1	duplicate sample
TA001551	20 September 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0911/133	Massey University	1	duplicate sample
TA001553	20 September 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0911/133	Massey University	1	duplicate sample
TA001554	20 September 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0911/133	Massey University	1	duplicate sample
TA001516	26 September 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0911/135	Massey University	1	parent
TA001517	26 September 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0911/135	Massey University	1	duplicate sample
TA001518	26 September 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0911/135	Massey University	1	duplicate sample
TA001519	26 September 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0911/135	Massey University	1	duplicate sample
TA001520	26 September 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0911/135	Massey University	1	duplicate sample
TA001521	26 September 2011	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0911/135	Massey University	1	duplicate sample
TA001381	24 September 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0914/488	Massey University	1	parent
TA001106	24 September 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0914/488	Massey University	1	duplicate sample
TA001119	24 September 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0914/488	Massey University	1	duplicate sample
TA001177	24 September 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0914/488	Massey University	1	duplicate sample
TA001178	24 September 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0914/488	Massey University	1	duplicate sample
TA001179	24 September 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0914/488	Massey University	1	duplicate sample
TA001184	24 September 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0914/488	Massey University	1	duplicate sample
TA001382	24 September 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0914/488	Massey University	1	duplicate sample
TA001383	24 September 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0914/488	Massey University	1	duplicate sample
TA001528	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/670	Massey University	1	parent
TA001363	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/670	Massey University	1	duplicate sample
TA001364	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/670	Massey University	1	duplicate sample
TA001365	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/670	Massey University	1	duplicate sample
TA001529	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/670	Massey University	1	duplicate sample
TA001530	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/670	Massey University	1	duplicate sample
TA001531	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/670	Massey University	1	duplicate sample
TA001532	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/670	Massey University	1	duplicate sample
TA001533	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/670	Massey University	1	duplicate sample
TA001426	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/671	Massey University	1	parent
TA001423	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/671	Massey University	1	duplicate sample
TA001424	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/671	Massey University	1	duplicate sample
TA001425	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/671	Massey University	1	duplicate sample

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TA001427	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/671	Massey University	1	duplicate sample
TA001428	11 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/671	Massey University	1	duplicate sample
TA001465	23 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/672	Massey University	1	parent
TA001466	23 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/672	Massey University	1	duplicate sample
TA001467	23 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/672	Massey University	1	duplicate sample
TA001468	23 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/672	Massey University	1	duplicate sample
TA001469	23 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/672	Massey University	1	duplicate sample
TA001470	23 September 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO0917/672	Massey University	1	duplicate sample
TA001459	4 October 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1017/678	Massey University	1	parent
TA001456	4 October 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1017/678	Massey University	1	duplicate sample
TA001457	4 October 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1017/678	Massey University	1	duplicate sample
TA001458	4 October 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1017/678	Massey University	1	duplicate sample
TA001460	4 October 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1017/678	Massey University	1	duplicate sample
TA001461	4 October 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1017/678	Massey University	1	duplicate sample
TA001834	4 October 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1017/678	Massey University	1	duplicate sample
TA001835	4 October 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1017/678	Massey University	1	duplicate sample
TA001836	4 October 2017	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1017/678	Massey University	1	duplicate sample
TA000991	9 November 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1114/498	Massey University	1	parent
TA000992	9 November 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1114/498	Massey University	1	duplicate sample
TA000993	9 November 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1114/498	Massey University	1	duplicate sample
TA000994	9 November 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1114/498	Massey University	1	duplicate sample
TA000995	9 November 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1114/498	Massey University	1	duplicate sample
TA000996	9 November 2014	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1114/498	Massey University	1	duplicate sample
TA001840	9 November 2016	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1116/646	Massey University	1	parent
TA001837	9 November 2016	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1116/646	Massey University	1	duplicate sample
TA001838	9 November 2016	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1116/646	Massey University	1	duplicate sample
TA001839	9 November 2016	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1116/646	Massey University	1	duplicate sample
TA001841	9 November 2016	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1116/646	Massey University	1	duplicate sample
TA001842	9 November 2016	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	NZLO1116/646	Massey University	1	duplicate sample
TA001037	17 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23012, C30162	Auckland Zoo	1	parent
TA001038	17 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23012, C30162	Auckland Zoo	1	duplicate sample
TA001039	17 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23012, C30162	Auckland Zoo	1	duplicate sample
TA001040	17 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23012, C30162	Auckland Zoo	1	duplicate sample
TA001041	17 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23012, C30162	Auckland Zoo	1	duplicate sample
TA001042	17 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23012, C30162	Auckland Zoo	1	duplicate sample
TA001043	17 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23012, C30162	Auckland Zoo	1	duplicate sample
TA001044	17 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23012, C30162	Auckland Zoo	1	duplicate sample
TA001045	17 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23012, C30162	Auckland Zoo	1	duplicate sample
TA001046	17 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23012, C30162	Auckland Zoo	1	duplicate sample
TA001047	17 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23012, C30162	Auckland Zoo	1	duplicate sample
TA001048	17 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23012, C30162	Auckland Zoo	1	duplicate sample
TA000804	10 October 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23017, C30184	Auckland Zoo	1	parent
TA000805	10 October 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23017, C30184	Auckland Zoo	1	duplicate sample
TA000806	10 October 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23017, C30184	Auckland Zoo	1	duplicate sample
TA000807	10 October 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23017, C30184	Auckland Zoo	1	duplicate sample
TA000808	10 October 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23017, C30184	Auckland Zoo	1	duplicate sample
TA000809	10 October 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23017, C30184	Auckland Zoo	1	duplicate sample
TA000810	10 October 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23017, C30184	Auckland Zoo	1	duplicate sample
TA000811	10 October 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23017, C30184	Auckland Zoo	1	duplicate sample
TA000812	10 October 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	RA23017, C30184	Auckland Zoo	1	duplicate sample
TA000026	17 January 2021	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 31	Department of Conservation	1	parent
TA000027	17 January 2021	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 32	Department of Conservation	1	duplicate sample
TA000021	26 May 2021	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 37	Department of Conservation	1	parent
TA000022	26 May 2021	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 38	Department of Conservation	1	duplicate sample
TA000023	26 May 2021	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 39	Department of Conservation	1	duplicate sample
TA000053	17 November 2021	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 51	Department of Conservation	1	parent
TA000054	17 November 2021	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 52	Department of Conservation	1	duplicate sample
TA000055	17 November 2021	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 53	Department of Conservation	1	duplicate sample

Accession No	Field Coll Date	Taxonomic Classification	Long Name species level	Specimen Category	Storage Method	Other Id	Acquisition Source	Count	Parent/Duplicate
TA000611	16 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	parent
TA000612	16 August 2023	*Lepidochelys olivacea*	Olive ridley sea turtle; Pacific ridley sea turtle	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample
TA000044	6 March 2019	*Mobula birostris*	Giant oceanic manta ray	tissue	cryovial 1.5ml/-20° celcius/frozen	Tissue 12	Department of Conservation	1	parent
TA000210	13 November 2019	*Mobula birostris*	Giant oceanic manta ray	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	parent
TA000241	13 November 2019	*Mobula birostris*	Giant oceanic manta ray	tissue	cryovial 1.5ml/-20° celcius/frozen		Department of Conservation	1	duplicate sample

Appendix B: Example tissue archive data submission sheet

Unique Identifier	Other ID	Other ID description	Taxonomic Classification	Identified By	Tissue type	Stage / Age	Sex	Specimen Retained	Preservative	Storage Method
	Duplicate Other ID columns if more than one ID for sample		e.g. Genus species subspecies	First and Last Name and Institution/Employer if applicable	e.g. toepad, muscle, liver, blood	see Stage / Age table on Tables Tab	e.g. male, female, Indeterminate, Uncertain	yes or no. Refers to the animal tissue taken from.	e.g. 100% ethanol etc.	e.g. frozen, in 100% ethanol etc.

Comments / Remarks	New Zealand Ecological Region	Locality Description	Latitude	Precision	Longitude	Precision	Field Collector	Date Collected	Time Collected From
	If applicable, leave blank if unsure	In as much detail as possible	In decimal degrees, if not recorded put an approximation with an appropriate precision	see Precision table on Tables Tab	In decimal degrees, if not recorded put an approximation with an appropriate precision	see Precision table on Tables Tab	First and Last Name and Institution/Employer if applicable		

Time Collected To	Collection Method	Bycatch or Intentional	Permit Number	Permit Issuer	Permit Description	Trip code or identifier	Site Notes	Measurement type	Measurement	Unit
	e.g. trap/net/by hand, add as much detail as possible			Who issued the permit?	E.g. Collection permit for trapping and collecting tissue samples at x locality			e.g. wing length, SVL, weight Duplicate Measurement columns if multiple measurements taken.		e.g. mm