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| **Sample ID** | **Sampling location** | **Tissue type** | **Collection date** | **Molecular sex identification**  | **Genes/regions amplified** | **Specific test** |
| **Lab** | **GenBank** |
| Ttr\_1\* | Ttr\_GI1 | Galápagos Islands | Skin | 2005 | F | 7-mtDNA regions | b, c, d, e |
| Ttr\_2 | Ttr\_SA1 | Salinas, Punta Carnero | Skin | 2006 | - | 7-mtDNA regions | All |
| Ttr\_3 | Ttr\_SA2 | Salinas, Mar Bravo | Skin | 2006 | M | 7-mtDNA regions | All |
| Ttr\_4 | Ttr\_SA3 | Salinas, Mar Bravo | Skin | 2007 | - | 7-mtDNA regions | All |
| Ttr\_5 | Ttr\_SA4 | Salinas, Mar Bravo | Skin | 2007 | F | 7-mtDNA regions | All |
| Ttr\_6 | Ttr\_SA5 | Salinas, Mar Bravo | Skin | 2008 | F | 7-mtDNA regions | All |
| Ttr\_7 | Ttr\_SA6 | Salinas, Mar Bravo | Skin | 2009 | - | 7-mtDNA regions | All |
| Ttr\_8 | Ttr\_SA7 | Salinas, Mar Bravo | Skin | 2010 | F | 7-mtDNA regions | All |
| Ttr\_9 | Ttr\_GG32 | Puná Island | Right mandible | 1992 | - | mtDNA CR: KU992117 | b |
| Ttr\_10 | Ttr\_GG33 | Jambelí Island | Occipital condyle | 1990 | - | mtDNA CR: KU992120+ | a, b, c, d  |
| Ttr\_11 | Ttr\_GG34 | Puná Island | Right mandible | 1991 | - | - |  |
| Ttr\_12 | Ttr\_GG35 | Puná Island | Right mandible | 1994 | - | *Cytb*: KU992261+ |  |
| Ttr\_13 | Ttr\_UN1 | NA | Occipital condyle | 1995 | - | - |  |
| Ttr\_14 | Ttr\_UN2 | NA | Right mandible | 1994 | - | - |  |
| Ttr\_15 | Ttr\_GG36 | Puná Island | Occipital condyle | 1991 | - | - |  |
| Ttr\_16 | Ttr\_GG37 | Puná Island | Right mandible | 1993 | - | *16S*: KU992038+ *Cytb*: KU992262+ mtDNA CR: KU992136 | a, b, c, d |
| Ttr\_17 | Ttr\_GV1 | General Villamil, Playas | Right mandible | 1995 | - | *16S*: KU992039+*Cytb*: KU992263+ mtDNA CR: KU992121 | a, b, c, d |
| Ttr\_18 | Ttr\_ SA8 | Salinas, Punta Carnero | Occipital condyle | 2005 | - | - |  |
| Ttr\_19 | Ttr\_GG38 | Puná Island | Right mandible | 1994 | - | mtDNA CR: KU992118 | b |
| Ttr\_20 | Ttr\_GG39 | Puná Island | Occipital condyle | 1990 | - | mtDNA CR: KU992137 | a, b, c, d |
| Ttr\_21 | Ttr\_GG40 | Puná Island | Occipital condyle | 1991 | - | mtDNA CR: KU992122 | a, b, c, d |

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| **Sample ID** | **Sampling location** | **Tissue type** | **Collection date** | **Molecular sex identification** | **Genes/regions amplified** | **Specific test** |
| **Lab** | **GenBank** |
| Ttr\_22 | Ttr\_UN3 | NA | Right mandible | 1993 | - | 16S: KU992040+ *Cytb*: KU992264+ mtDNA CR: KU992123 | b, c |
| Ttr\_23 | Ttr\_GG41 | Puná Island | Occipital condyle | 1991 | - | mtDNA CR: KU992124 | a, b, c, d |
| Ttr\_24 | Ttr\_GG42 | NA | Occipital condyle | 1992 | - | - |  |
| Ttr\_25 | Ttr\_GG43 | Puná Island | Occipital condyle | 1994 | - | - |  |
| Ttr\_26 | Ttr\_UN4 | NA | Right mandible | 1995 | - | 16S: KU992041+ *Cytb*: KU992265+ mtDNA CR: KU992125 | b, c |
| Ttr\_27 | Ttr\_GI2 | Galápagos Islands | Right mandible | 2001 | - | - |  |
| Ttr\_28 | Ttr\_UN5 | NA | Right mandible | 1992 | - | *Cytb*: KU992266+mtDNA CR: KU992126 | b, c |
| Ttr\_29 | Ttr\_UN6 | NA | Occipital condyle | 1994 | - | *16S*: KU992042+mtDNA CR: KU992119+ |  |
| Ttr\_30 | Ttr\_UN7 | NA | Occipital condyle | 1992 | - | - |  |
| Ttr\_31 | Ttr\_GG44 | Puná Island | Left mandible | 1992 | - | - |  |
| Ttr\_32 | Ttr\_SA9 | Salinas, Mar Bravo | Right mandible | 1995 | - | - |  |
| Ttr\_33 | Ttr\_GG45 | Jambelí Island | Occipital condyle | 1990 | - | mtDNA CR: KU992138 | a, b, c, d |
| Ttr\_34 | Ttr\_SA10 | Salinas, Mar Bravo | Right mandible | 1997 | - | *16S*: KU992043+ *Cytb*: KU992267+mtDNA CR: KU992127 | a, b, c, d |
| Ttr\_35 | Ttr\_SA11 | Salinas, Mar Bravo | Right mandible | 1995 | - | mtDNA CR: KU992139 | a, b, c, d |
| Ttr\_36 | Ttr\_SA12 | Salinas, Mar Bravo | Right mandible | 1993 | - | mtDNA CR: KU992140 | a, b, c, d |

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| **Sample ID** | **Sampling location** | **Tissue type** | **Collection date** | **Molecular sex identification** | **Genes/regions amplified** | **Specific test** |
| **Lab** | **GenBank** |
| Ttr\_37 | Ttr\_SA13 | Salinas, Mar Bravo | Right mandible | 2009 | - | *16S*: KU992039+ *Cytb*: KU992263+ mtDNA CR: KU992121 | a, b, c, d |
| Ttr\_38 | Ttr\_GG1 | Posorja  | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_39 | Ttr\_GG2 | Posorja  | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_40 | Ttr\_GG3 | Posorja  | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_41 | Ttr\_GG4 | Posorja  | Skin | 2013 | F | 7-mtDNA regions | All |
| Ttr\_42 | Ttr\_GG5 | Posorja  | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_43 | Ttr\_GG6 | Posorja  | Skin | 2013 | F | 7-mtDNA regions | All |
| Ttr\_44 | Ttr\_GG7 | Posorja  | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_45 | Ttr\_GG8 | Posorja  | Skin | 2013 | F | 7-mtDNA regions | All |
| Ttr\_46 | Ttr\_GG9 | Posorja  | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_47 | Ttr\_GG10 | El Morro  | Skin | 2013 | F | 7-mtDNA regions | All |
| Ttr\_48 | Ttr\_GG11 | El Morro  | Skin | 2013 | F | 7-mtDNA regions | All |
| Ttr\_49 | Ttr\_GG12 | Posorja | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_50 | Ttr\_GG13 | Posorja | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_51 | Ttr\_GG14 | Posorja | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_52 | Ttr\_GG15 | Posorja | Skin | 2013 | F | 7-mtDNA regions | All |
| Ttr\_53 | Ttr\_GG16 | Puná Island | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_54 | Ttr\_GG17 | Puná Island | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_55 | Ttr\_GG18 | Posorja | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_56 | Ttr\_GG19 | Posorja | Skin | 2013 | F | 7-mtDNA regions | All |
| Ttr\_57 | Ttr\_GG20 | Posorja | Skin | 2013 | F | 7-mtDNA regions | All |
| Ttr\_58 | Ttr\_GG21 | El Morro  | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_59 | Ttr\_GG22 | El Morro  | Skin | 2013 | M | 7-mtDNA regions | All |

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| **Sample ID** | **Sampling location** | **Tissue type** | **Collection date** | **Molecular sex identification** | **Genes/regions amplified** | **Specific test** |
| **Lab** | **GenBank** |
| Ttr\_60 | Ttr\_GG23 | El Morro  | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_61 | Ttr\_GG24 | El Morro  | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_62 | Ttr\_GG25 | El Morro | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_63 | Ttr\_GG26 | Posorja | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_64 | Ttr\_GG27 | Posorja | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_65 | Ttr\_GG28 | Posorja | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_66 | Ttr\_GG29 | Posorja | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_67 | Ttr\_GG30 | Posorja | Skin | 2013 | F | 7-mtDNA regions | All |
| Ttr\_68 | Ttr\_GG31 | Posorja | Skin | 2013 | M | 7-mtDNA regions | All |
| Ttr\_69 | Ttr\_PE1 | Peru: Santa Rosa | Skin | 2013 | NA | 7-mtDNA regions | b, c, d, e |