

Additional file 1.

The list of species and the three microarray probes for each of them. We have designed these probes such that at least one (and most commonly, two or three) of the probes in each set would light up. This variability in response is due to known haplotypes. For a handful of species in each table we were unable to design a unique probe set that was capable of distinguishing that species from closely-related neighbors. For example, *Canus lupus* (the wolf) is too closely related to *Canus familiaris* (dog) to reliably distinguish between them based on these very short sequences. The probes are contained within the first 150 bases of each gene, and are designed such that they will not cross-hybridize with any non-target part of any known mammalian mitochondrial genome. Probes have been chosen so that the theoretical probe-target melting temperatures fall within the range of 53.5C and 58C, and the GC content falls within the range of 37% and 54.2%, as recommended by Pfunder et al. (2004).

Pfunder, M., Holzgang, O. & Frey, J. E. 2004 Development of microarray-based diagnostics of voles and shrews for use in biodiversity monitoring studies, and evaluation of mitochondrial cytochrome oxidase I vs. cytochrome b as genetic markers. *Mol. Ecol.* **13**, 1277-86.

Additional file 1

Probe list for microarray analysis using 150 bp of 5' region of COI

Species name	Probe 1	Probe 2	Probe 3
<i>Acinonyx jubatus</i>	CTAGGTCAACCTGGCACACTACTAG	TAGGTCAACCTGGCACACTACTAGG	AGTAGGGACTGCTCTTAGTCTTCTA
<i>Arctocephalus forsteri</i>	ACCCTCTATTTACTATTTCGGTGCAT	GTTAGGCCAACCCAGGCACTCTACTA	TTGGCACCCCTCTATTTACTATTCCG
<i>Artibeus jamaicensis</i>	GAGCAGGTATAGTAGGCACTGCACT	CCTATTATTTGGTGCTTGAGCAGGT	GTCTCCTTATTCGTGCAGAACTTGG
<i>Balaena mysticetus</i>	ACCAACCACAAAGATATTGGCACCT	CAACCACAAAGATATTGGCACCTTA	
<i>Balaenoptera acutorostrata</i>	GCACCCTGTATTTACTATTTGGTGC	ATAGTAGGCACCCGGCCTAAGCTTAC	AAGCTTACTAATTCGCGCTGAGCTA
<i>Balaenoptera bonaerensis</i>	AATAGTAGGCACCCGGCCTAAGCTTA	ATAGTAGGCACCCGGCCTAAGCTTAC	AGCAGGAATAGTAGGCACTGGTCTA
<i>Balaenoptera borealis</i>	AACCACAAAGACATTGGTACCCTAT	ACTATTTGGTGCATGAGCAGGAATA	CAACCACAAAGACATTGGTACCCTA
<i>Balaenoptera brydei</i>	No sequences		
<i>Balaenoptera musculus</i>	No sequences		
<i>Balaenoptera physalus</i>	GCTAGGTCAACCTGGCACACTAATC	ACAAAGACATCGGCACCCTATACTT	AGCTAGGTCAACCTGGCACACTAAT
<i>Berardius bairdii</i>	GTCAACCAGGAACACTAATTGGGGA	AGGAATAGTGGGCACCCGGTTAAGT	AATCCGTACTGAATTAGGTCAACCA
<i>Bos grunniens</i>	No sequences		
<i>Bos indicus</i>	No sequences		
<i>Bos taurus</i>	No sequences		
<i>Bubalus bubalis</i>	CGGCACCCTATACTTACTATTTGGT	AAGATATCGGCACCCTGTACTTGCT	ATTAGGTCAACCTGGGACCCTACTC
<i>Canis familiaris</i>	ACTAGGTCAGCCCGGTACTTTACTA	ACTAGGTCAGCCCGGTACTTTACTA	TACTATTTGGAGCATGAGCCGGTAT
<i>Canis latrans</i>	No sequences		
<i>Canis lupus</i>	No sequences		
<i>Caperea marginata</i>	GAGCAGGAATAGTAGGACTGGCCT	CACCCTATACTTATTATTCGGCGCC	CCCTATACTTATTATTCGGCGCCTG
<i>Capra hircus</i>	CAACCGCTGACTATTTTCAACCAAC	CATAGTAGGGACCCGCTTGAGCTTA	GAGCTTACTAATTCGCGCCGAACCA
<i>Cavia porcellus</i>	GAGCTGGTATAGTAGGACTGCCCT	TAGTAGGACTGCCCTAAGCTTGTT	CCCTAAGCTTGTTAATTCGAGCAGA
<i>Cebus albifrons</i>	ACAGGAACAGCCTTAAGTCTTCTAA	GCCTTAAGTCTTCTAATTCGAGCTG	AACAGGAACAGCCTTAAGTCTTCTA
<i>Ceratotherium simum</i>	GTA CTCTCTACCTACTATTTGGCGC	TCGTTAACCCTGACTGTTTTCAAC	CAACCAACCACAAGGACATTGGTAC
<i>Chalinolobus tuberculatus</i>	GCACCCTGTATCTTCTATTTCGGTGC	ACAGCACTTAGCCTCTTAATTCGCG	GGTGGGTACAGCACTTAGCCTCTTA
<i>Chlorocebus aethiops</i>	TCTAAGTCTTCTCATTTCGAGCTGAG	GGCACAGCTCTAAGTCTTCTCATT	AGGCCAACCCAGGKAGTTTACTAGGT
<i>Chrysochloris asiatica</i>	GACAACCTGGTGCCTATTAGGTGA	CTAATTCGGGCTGAAGTACTAGACAAC	AACTAGGACAACCTGGTGCCTATT
<i>Colobus guereza</i>	GGGCCGGAATAATGGGTATAGCTAT	GTCTTCTAATCCGAGCTGAAGTAGG	CATGGGCCGGAATAATGGGTATAGC
<i>Crocodyrus russula</i>	CCTTAAGTATTTAATCCGCGCTGA	ACTAACCACAAAGACATTGGCACAT	TCATAACTCGCTGACTCTTTCCAC
<i>Cynocephalus variegatus</i>	AGTAGGAACAGCCTTAAGCCTTCTC	CAGCCTTAAGCCTTCTCATCCGAAC	GTAGGAACAGCCTTAAGCCTTCTCA
<i>Dasyurus novemcinctus</i>	AGTCTACTAATTCGTGCCGAGCTTG	GAATAGTAGGCACCCGCCCTAAGTCT	TATATTTACTATTTGGCGCCTGGGC
<i>Dromiciops gliroides</i>	GGCACCCCTTACTTACTATTTGGTGC	TGAGCAGGAATAGTTGGTACAGCTC	CTCTAAGCCTATTAATCCGAGCTGA
<i>Dugong dugon</i>	ACAAAGACATTGGAACCTGTACCT	ATCTTAATTCGAGCTGAGTTGGGCC	GTACCTACTATTTGGCGCTTGAGCC
<i>Echinops telfairi</i>	GGTACTGCTCTTAGCCTCCTAATCC	CACAGTAGGACTGCTCTTAGCCTC	CAGTAGGACTGCTCTTAGCCTCCT
<i>Echinosorex gymnura</i>	TAATTTTTGGTGCTTGAGCCGGTAT	TATAATTTTTGGTGCTTGAGCCGGT	ACGTCTCTCAGTCTGCTTATTCGAG

Elephantulus sp	GGAATAGTGGGGACTGCCCTAAGTA	CCACAAAGACATCGGGACCCTATAC	CAAAGACATCGGGACCCTATACTTA
Elephas maximus	TACTATTTGGTGCTTGAGCTGGTAT	AATTAGGTCAACCAGGCTCTCTTCT	TCTACTATTTGGTGCTTGAGCTGGT
Equus asinus	GTGCTGAATTAGGTCAACCTGGGAC	CCTAATCCGTGCTGAATTAGGTCAA	AATAGTAGGAACCGCCCTAAGCCTC
Equus caballus	CTCCTAATCCGTGCTGAATTAGGCC	ATAGTAGGAACTGCCCTAAGCCTCC	CATCAACCGCTGACTATTTTCAACT
Erinaceus europaeus	CTTGCCCAACCAGGAGCTTTATTAG	GCTTGCCCAACCAGGAGCTTTATTA	GAGCTTGAGCAGGTATAGTAGGCAC
Eschrichtius robustus	No sequences		
Eubalaena australis	TTATTATTTGGCGCCTGAGCAGGAA	ATTATTTGGCGCCTGAGCAGGAATA	ACCACAAAGACATTGGCACCTTATA
Eubalaena japonica	ATTTATTATTTGGCGCCTGAGCAGG	TTTATTATTTGGCGCCTGAGCAGGA	ATTTATTATTTGGCGCCTGAGCAGG
Eumetopias jubatus	AGCCTATTGATCCGCGCAGAATTAG	GAATTAGGCCAACCAGGCACTCTAC	CCTCTATCTACTATTCGGTGCATGA
Felis catus	CTCTTTACCTTTTATTCGGTGCCTG	TACCTTTTATTCGGTGCCTGAGCTG	GGTGGGGACTGCTCTTAGTCTTCTA
Galemys pyrenaicus	GTCTGTTAATTCGAGCTGAGTGGGG	TGCCCTAAGTCTGTTAATTCGAGCT	TTTATTTGGTGCCTGAGCTGGTATG
Gorilla gorilla	AACACTATATCTACTATTCGGCGCA	TCACCGACCGCTGATTATTCTCTAC	AACACTATATCTACTATTCGGCGCA
Halichoerus grypus	No sequences		
Hemiechinus auritus	TCACTCAGCTTACTAATTCGAGCTG	AGCAGGCATAGTAGTACTTCACTC	GACAACCAGGAGCTCTAATGGGTGA
Herpestes javanicus	ACCACAAAGATATTGGCACCCCTATA	AGTCTTTAATTCGGGCCGAACCTG	CTGGTATAGTGGGAAGTCTCTTAG
Hippopotamus amphibius	TATATCTACTATTCGGCGCCTGAGC	ACTGGGTCAACCTGGCACACTATTA	ATATCTACTATTCGGCGCCTGAGCT
Homo sapiens	ACACTATACCTATTATTCGGCGCAT	ACCGTTGACTATTCTCTACAAACCA	CCGTTGACTATTCTCTACAAACCCAC
Hylobates lar	No sequences		
Hyperoodon ampullatus	CTAACCACAAAGACATTGGCACTCT	CGCTGACTATTCTCAACTAACCACA	TAACCACAAAGACATTGGCACTCTA
Inia geoffrensis	AACTTGGACAACCCGGTACACTAAT	CATAGACCGTTGACTGTTCTCAACA	AGGAATAGTGGTACTGGCTTAAGC
Isoodon macrourus	TAGGGACTGCTCTGAGCTTGTTAAT	CTATTTGGTGCCTGAGCAGGGATAG	GACTGCTCTGAGCTTGTTAATCCGA
Jaculus jaculus	CGGGATAATTGGTACTGCCTTGAGC	GTTTCGTACACGTTGACTTTTCTCA	GGATAATTGGTACTGCCTTGAGCAT
Kogia breviceps	CATAAAGACATCGGCACCTTGATC	TAAAGACATCGGCACCTTGATCTA	TAGTAGGCACTGGTTTGAGCCTACT
Lagenorhynchus albirostris	CACTGGCCTAAGCTTGTTGATTCTG	GCTGAATTAGGTCAACCTGGTACAC	ACTGGCCTAAGCTTGTTGATTCTG
Lama pacos	TACTAATTCGAGCCGAATTAGGACA	ACAGGGCTAAGTCTACTAATTCGAG	AACCACAAAGATATCGGTACCCTCT
Lemur catta	CAGAACTAGGTCAACCTGGGTCTCT	CTCTCAGCCTTTAATTCGAGCAGA	TGGTAGGAACAGCTCTCAGCCTTTT
Lepus europaeus	AATTAGGCCAACCCTGGGACTTTACT	CACAAAGACATTGGAAGTCTCTACC	TAGGAACAGCCCTAAGTCTGTTGAT
Loxodonta africana	ACCGCTGACTATATTCACGAACCA	TATCCTAATTCGGGCAGAAGTAGGC	TTCAACGAACCACAAAGATATCGGA
Macaca mulatta	CTATTTGGTGCATGAGCTGGAATCA	GCTCATTAAATCGCTGACTCTTTTCA	CGCTGACTCTTTTCAACAAATCACA
Macaca sylvanus	ACTATTTGGCGCATGAGCTGGAATC	TTACTATTTGGCGCATGAGCTGGAA	CTATTTGGCGCATGAGCTGGAATCA
Macropus robustus	CCTTAAGTCTGCTCATTCTGTCAGA	ATTTGGTGCCTGAGCAGGTATAGTA	ATATCTCTATTTGGTGCCTGAGCA
Macroscelides proboscideus	CATTCTTATCCGAGCCGAAGTAGGT	TAGGTCAACCAGGCGCTCTATTAGG	GAGCATTCTTATCCGAGCCGAAGT
Mammuthus primigenius	ATCCTAATTCGGGCAGAAGTAGGTC	CACAAAGACATTGGGACTGATC	TAATTCGGGCAGAAGTAGGTC
Megaptera novaeangliae	AAGCTTATTAATTCGCGCTGAGCTA	AGCTTATTAATTCGCGCTGAGCTAG	TTATTAATTCGCGCTGAGCTAGGTC
Mogera wogura	ATAGCTGGTACCGCTCTAAGTCTGC	GTGCTGAATTAGGACAACCAGGTAC	GCTAATTCGTGCTGAATTAGGACAA
Monodon monoceros	ATCACAAGGACATTGGCACCCCTATA	CGGCCTAAGCTTATTAATTCGTGCT	GAACCGGCCTAAGCTTATTAATTCG
Muntiacus crinifrons	AGCAGGCATAGTAGGAACAGCTCTA	GCATAGTAGGAACAGCTCTAAGCCT	TCATAAAGACATCGGCACCCTCTAC

<i>Muntiacus muntjak</i>	CATAGTAGGGACAGCCCTAAGCCTA	CCCTAAGCCTATTAATTCGTGCTGA	CCATAAAGACATCGGCACCCTGTAC
<i>Muntiacus reevesi</i>	CAGGCATAGTAGGAACAGCCCTAAG	CCGCTGATTATTTTCAACCAATCAC	AGCCTGTTAATTCGTGCTGAACTGG
<i>Mus musculus molossinus</i>	TAGTAGGCACCCGACTAAGTATTTT	ATTTGGAGCCTGAGCGGGAATAGTA	ACTATTTGGAGCCTGAGCGGGAATA
<i>Mus musculus</i>	ACCCTCTATCTACTATTCGGAGCCT	CTATCTACTATTCGGAGCCTGAGCG	GGGAATAGTGGGTACTGCTACTAAGT
<i>Myoxus glis</i>	CTACTATTTGGTGCTTGAGCCGGAA	ACAGCCTTAAGTCTCTTAATCCGTG	AAATCACAAAGACATTGGCAGCCTA
<i>Nannospalax ehrenbergi</i>	ACCAACCATAAGGATATCGGAACAC	CTTAATCCGAGCAGAACTTGGACAA	ATCTTAATCCGAGCAGAACTTGGAC
<i>Nasalis larvatus</i>	GGAACCGCAGGTATAGCTATAAGCC	CGCTGGCTATTCTCCACAAATCATA	CCGCTGGCTATTCTCCACAAATCAT
<i>Nycticebus coucang</i>	TTTGCTAATCCGAGCAGAGCTAGGT	GTTTCATTAACCGCTGGCTCTATTCT	CGCTGGCTCTATTCTACCAATCACA
<i>Ochotona princeps</i>	CGGCACCCTATACATACTATTCGGC	TATACATACTATTCGGCGCTTGGGC	ATCAACCGTTGATTGTTCTCCACAA
<i>Odobenus rosmarus rosmarus</i>	ACAAATCACAAGGACATCGGCACTC	GCACTCTCTATTTATTATTCGGCGC	ACTAGGTCAACCTGGCACTCTATTA
<i>Ornithorhynchus anatinus</i>	TGAATTAGGTCAACCCGGTTCATTA	ATCTTCTATTTGGTGCATGAGCTGG	CCGGCACAGCCCTTAGTATCCTAAT
<i>Orycteropus afer</i>	CCCTAAGCTTATTAATCCGAGCTGA	ACAGCCCTAAGCTTATTAATCCGAG	ACTAGGTCAGCCTGGTGTCTACTA
<i>Oryctolagus cuniculus</i>	AAGACATCGGCACTCTTATCTCCT	TGTTTCGTCATCGTTGACTTTTCTC	TCCTATTTGGAGCTTGAGCTGGGAT
<i>Ovis aries</i>	CAACCAACCACAAAGATATCGGCAC	TATCGGCACCCTTACCTTCTATTT	GGAACCGCCTAAGCCTACTAATTC
<i>Pan paniscus</i>	AGCCCTAAGTCTCCTTATTCGAGCT	AGCCCTAAGTCTCCTTATTCGAGCT	AGCCCTAAGTCTCCTTATTCGAGCT
<i>Papio hamadryas</i>	AGGCATGGCCCTAAGTCTTCTCATT	AGTTACAGGCATGGCCCTAAGTCTT	ATACCTGTTATTTGGTGCATGAGCC
<i>Phoca vitulina</i>	No sequences		
<i>Physeter catodon</i>	AACCATAAGGACATCGGCACTCTAT	AGGACATCGGCACTCTATATCTACT	TATCTACTATTCGGTGCCTGAGCGG
<i>Pipistrellus abramus</i>	ATTAGGTCAACCAGGAGCTTTGCTT	CCTTTACTTACTATTTGGCGCCTGG	TGCACTAAGTCTATTAATTCGTGCC
<i>Platanista minor</i>	TTTGGTGCTTGAGCAGGGATAGTAG	GTAGGTACCGGCCTAAGCTTACTAA	GGATAGTAGGTACCGGCCTAAGCTT
<i>Pongo pygmaeus abelii</i>	ATCGGGACACTATACCTGTTATTCCG	GCTATTCTCCACGAACCACAAAGAC	ACCACAAAGACATCGGGACACTATA
<i>Pongo pygmaeus</i>	CTCCACGAACCACAAAGATATTGGA	CTAAGCCTCCTCATTCTGTGCTGAAC	TCTCCACGAACCACAAAGATATTGG
<i>Pontoporia blainvillei</i>	ACCGCTGATTATTCTCAACAAACCA	GGCACCGGCCTAAGTCTATTAATCC	ACTATTCGGTGCTTGAGCAGGAATA
<i>Presbytis melalophos</i>	TGGCTATAAGCCTCCTTATTCGAGC	AAGCCTCCTTATTCGAGCTGAGCTA	TATAAGCCTCCTTATTCGAGCTGAG
<i>Procavia capensis</i>	CCGTTGATTGTTTTCAACCAACCAT	TGGAGCTTGAGCTGGAATAGTAGGA	CATCAACCGTTGATTGTTTTCAACC
<i>Procolobus badius</i>	ATTTATTATTCGGAGCATGGGCTGG	CCTTCTAATCCGAGCCGAAGTAGGT	ATAAGCCTTCTAATCCGAGCCGAAC
<i>Pteropus scapulatus</i>	GTTGACTCTTTTCAACCAACCACAA	CGTTGACTCTTTTCAACCAACCACA	TGACTCTTTTCAACCAACCACAAAG
<i>Pygathrix nemaeus</i>	CCTTATTCGAGCTGAACTAGGCCAG	AGCTGGAACCACAGGTATAGCTATA	ATGAGCTGGAACCACAGGTATAGCT
<i>Pygathrix roxellana</i>	CTTATTCGAGCTGAACTAGGTCAAC	AACCATGGGTATGGCTATAAGTCTC	CTAGGTCAACCTGGCAACCTGTTAG
<i>Rattus norvegicus</i>	ACCGTTGACTCTTTTCAACTAACCA	TTTGGAGCCTGAGCAGGAATAGTAG	ACTAACCACAAAGATATCGGAACCC
<i>Rhinoceros unicornis</i>	AATAGTAGGAACCGCCCTAAGCCTT	CACTCTATACCTGTTATTTGGCGCC	TCTAATTCGCGCCGAATTAGGTCAG
<i>Rhinolophus monoceros</i>	GGCACCCCTCTATTTACTATTTGGTG	ACCGCTCTAAGCCTACTCATTGAG	CACCCTCTATTTACTATTTGGTGCC
<i>Rhinolophus pumilus</i>	GCACCCTCTACTTACTATTTGGTGC	AAGCCTGCTCATTGAGCTGAATTA	CAAAGACATCGGCACCCTCTACTTA
<i>Sciurus vulgaris</i>	TACTAATTCGAGCTGAACTGGGTCA	ATATCTCTTATTTGGTGCCTGAGCT	TCTCTTATTTGGTGCCTGAGCTGGA
<i>Semnopithecus entellus</i>	AGCTGGAAGTGCAGGCATAGCTATA	ATAAGTCTTCTCATCCGAGCCGAAT	AACTGCAGGCATAGCTATAAGTCTT
<i>Sus scrofa</i>	TCAACAAACCACAAAGACATCGGCA	CCTACTAATTCGCGCTGAACTAGGT	TACTAATTCGCGCTGAACTAGGTCA
<i>Tachyglossus aculeatus</i>	TCTCATTGATCCGAATTAGGCCAA	TCATTGATCCGAATTAGGCCAAC	ACAGCCCTCAGTATTCTCATTGAT

Talpa europaea	TGAACTAGGACAACCAGGACTCTA	TCAACAAACCACAAAGATATCGGCA	GTGCTGAACTAGGACAACCAGGTAC
Tamandua tetradactyla	ACAAATCATAAAGATATCGGCACCC	GTACAGGCCTAAGCATCCTTATCCG	TTGGTACAGGCCTAAGCATCCTTAT
Tarsius bancanus	TGAGCTGGAATAGTAGGAACAGCCC	GAGCTGGAATAGTAGGAACAGCCCT	CTGAGCTGGAATAGTAGGAACAGCC
Thryonomys swinderianus	AGGAATAGTAGGAAGCTCTAAGC	GAAGTGTCTAAGCCTTTTAAATCCG	TTAGGACAACCGGGTACCCTACTAG
Thylamys elegans	AAGTCTTCTAATCCGAGCCGAACTT	TACCTAATTTTTGGGGCTTGAGCAG	ATTTTTGGGGCTTGAGCAGGTATAG
Trachypithecus obscurus	ATGAGCTGGAACCGTAGGTATAGCT	ATAAGTCTCCTTATTCGAGCCGAAC	AACCGCTGGTTATTCTCTACAAACC
Trichosurus vulpecula	CCGCTCTAAGTCTATTAATTCGCGC	ATAACAGGCACCGCTCTAAGTCTAT	TGGTCAACCAGGAACTCTTATTGGC
Tupaia belangeri	AGCCTTAAGTCTTCTTATTTCGCGCC	ATAGTCGGAACAGCCTTAAGTCTTC	CCGGAATAGTCGGAACAGCCTTAAG
Urotrichus talpoides	GAGCCTACTAATTCGTGCCGAAGCTC	CTGAGCCTACTAATTCGTGCCGAAC	CTACTAATTCGTGCCGAAGCTCGTC
Ursus americanus	ATGAGCCGGAATAGTAGGACTGCT	GGTGCATGAGCCGGAATAGTAGGTA	GAGCCGGAATAGTAGGACTGCTCT
Ursus arctos	ACATTGGCACTCTTACCTTCTGTT	AAGCCGGTGATTATCTCTACGAAC	AAAGACATTGGCACTCTTACCTTC
Ursus maritimus	CTTTATCTTCTGTTCCGGTGCATGAG	TTATCTTCTGTTCCGGTGCATGAGCC	CCCTTTATCTTCTGTTCCGGTGCATG
Vombatus ursinus	CTGTACCTCTTATTCGGTGCCTGAG	GCAGGAATAGTAGGGACAGCCCTAA	ACAGCCCTAAGCCTATTAATTCGAG

Probe list for microarray analysis using 150 bp of 5' region of cytb			
Species name	Probe 1	Probe 2	Probe 3
Acinonyx jubatus	GTCTGCCTAGTCTACAGATCCTAA	CTACTAGGAGTCTGCCTAGTCTAC	TAGTCCTACAGATCCTAACCGGCCT
Arctocepalus forsteri	TCCGAAAAATACATCCACTGGCCAA	TAGCCTTACAAATCCTAACAGGCCT	CATCCACTGGCCAAAATTATCAACA
Artibeus jamaicensis	GAGTTTGTGGGGCGTACAAATTCT	GCTCCCTCAAGCCTTTCATCATGAT	CAATAGCTCATTTCGTAGACCTTCT
Balaena mysticetus	GGCCTTTCCTGATTATACAAATCC	TCCCTACTTGGCCTTTCCTGATTA	TGGCCTTTCCTGATTATACAAATC
Balaenoptera acutorostrata	ATGAAACTTTGGCTCTCTACTCGGC	CGATCTACCCACCCCATCAAACATC	ATGAAACTTTGGCTCTCTACTCGGC
Balaenoptera bonaerensis	GATGAAACTTTGGCTCTCTACTCGG	TCTACCCACCCCATCAAACATCTCC	ACCCACACCATCAAACATCTCCTCA
Balaenoptera borealis	GATTGTCAACGATGCATTTCGTTGAT	TCAACGATGCATTTCGTTGATCTCC	AGATTGTCAACGATGCATTTCGTTGA
Balaenoptera brydei	AACGATGTATTTCGTTGATCTCCCA	GTCAACGATGTATTTCGTTGATCTCC	TGTCAACGATGTATTTCGTTGATCTC
Balaenoptera musculus	CATTGATCTCCCTACCCCATCAAAC	GCATTTCATTGATCTCCCTACCCCAT	CCCTACCCCATCAAACATCTCCTCA
Balaenoptera physalus	CCTACTCGGCCTCTGCTTAATTATA	TTCATGATGGAAGTTCGGCTCCCTA	AAAAATCGTCAACGACGCATTTCGTC
Berardius bairdii	GCCTTTCCTAATCATGCAAATTCT	CGGCCTTTCCTAATCATGCAAATT	CCTAATCATGCAAATTCTCACAGGC
Bos grunniens	CATTGACCTTCCAGCTCCATCAAAC	CCCTCCTAGGAGTATGCTTAATCCT	CATTTCATTGACCTTCCAGCTCCATC
Bos indicus	TCATGATGGAATTTTCGGTTCCTCC	CATGATGGAATTTTCGGTTCCTCCT	CATGATGGAATTTTCGGTTCCTCCT
Bos taurus	TCGAAAGTCCCACCCACTAATAAAA	TCGAAAGTCCCACCCACTAATAAAA	GCCTAATCCTACAAATCCTCACAGG
Bubalus bubalis	CCTGCTCCATCAAACATCTCATCAT	CTCTCTCCTAGGCATCTGCCTAATC	GCATCTGCCTAATCCTGCAAATCCT
Canis familiaris	CCACCCACTAGCCAAAATTGTTAAT	AACATCTCTGCTTGTAGGAACTTCG	TGGATCCTTACTAGGAGTATGCTT
Canis latrans	AACATTCGAAAACTACCCACTAG	TTCGGATCCTTGTAGGAGTATGCC	CACCCACTAGCCAAAATTGTCAATA
Canis lupus	No sequences		
Caperea marginata	GCATTTCATTGATCTTCCACCCAT	TTCCACCCCATCAAATATCTCCTC	TGGCCTTTCCTAATCATACAAATC
Capra hircus	ATTTATTGACCTCCCAACCCCATCA	TCCGAAAGACCCACCCATTAATAAAA	CCAACCCCATCAAACATCTCATCAT
Cavia porcellus	TAACCACTCCCTAATTGACCTCCCA	GATGAAACTTCGGCTCCCTCTTAGG	CTAGGCCTGCAAATTATTACAGGAC

<i>Cebus albifrons</i>	TTATTGATCTGCCACACCATCCAA	CCCGCAAACACACCCATTAATAAA	CATCTCCTCCTGATGAAACTTCGGA
<i>Ceratotherium simum</i>	AACATCCGTAAATCCCACCCACTAA	CCGTAAATCCCACCCACTAATCAAA	CAAACATCTCAGCCTGGTGAATTT
<i>Chalinolobus tuberculatus</i>	TGTTTAGCGTTACAAATCCTGACAG	TTCATTGATTTACCCACCCCATCTA	AATTTTGGATCCCTTCTAGGCACCT
<i>Chlorocebus aethiops</i>	TAATCAACCACTCCCTCATTGACCT	TCCATATGATGAAACTTCGGCTCAC	ACCCCAATACGTAAATCCAACCCAA
<i>Chrysochloris asiatica</i>	GCTCACTACTAGGCCTTTGCTTAAT	CCAGCACCATCTAACATTTCCGCAT	CATTTCCGCATGATGAAACTTCGGC
<i>Colobus guereza</i>	TTAACCATGCTTTCATCGACTTACC	ACCTCAACACGTAAGTCTAACCCAA	CCTCAACACGTAAGTCTAACCCAAT
<i>Crociodura russula</i>	CAGCACCTCAAACATTTTCATCATG	ACTCGGAATCTGCTTAATCGCACAA	CTCGGAATCTGCTTAATCGCACAAA
<i>Cynocephalus variegatus</i>	AAATCCCACCTCTCCTAAAAATCA	TCATTATTGACCTTCCCACACCAT	AAATTTTCGGCTCACTACTAGGTACA
<i>Dasyus novemcinctus</i>	AACCACCACTCCTAAAAATCGTAA	AACATCCGTAAAAACCACCCACTCC	ACCAACATCCGTAAAAACCACCCAC
<i>Dromiciops gliroides</i>	ACCTGCCTTGTAATCCAAATCCTAA	GACTTACCAGCACCTCCAATATCT	TGACTTACCAGCACCTCCAATATC
<i>Dugong dugon</i>	GGGCATGCCTGATTATTCAAATTCT	CCTAAACAACCTCCTTATTGACCTC	CCTCCCTACCCCGTAAATATCTCA
<i>Echinops telfairi</i>	ACTAGCCAAGATCATCAACAGTTCC	AGCCAAGATCATCAACAGTTCTTC	CTAGCCAAGATCATCAACAGTTCT
<i>Echinorex gymnura</i>	TTATTGACCTACCAACCCCATCAAA	AAATTTTCGGCTCACTACTAGGCCTA	ACTAACATACGAAAAACCCACCCGT
<i>Elephantulus sp</i>	CTCCTCATGATGAAACTTCGGCTCA	ACTCCTGGGCTTATGCCTAATGATC	ACTCCTGGGCTTATGCCTAATGATC
<i>Elephas maximus</i>	CTCACTACTAGGAGCGTGCCTAATT	ACTAGGAGCGTGCCTAATTACCCAA	CACCCCTGTTTAAATCATCAACA
<i>Equus asinus</i>	TCCTCAAATCCTAACAGGCCTATT	GAAACTTTGGCTCCCTCCTAGGAAT	ATCACTTTTTATCGACCTGCCAAC
<i>Equus caballus</i>	CTAATCCTCAAATCTAACAGGCC	TCCGGAAATCTCACCCACTAATTAA	AAACATCCGGAAATCTCACCCACTA
<i>Erinaceus europaeus</i>	CTAGGCCTATGCCTAATTACCCAGA	TGGTTCACTACTAGGCCTATGCCTA	TACTAGGCCTATGCCTAATTACCCA
<i>Eschrichtius robustus</i>	TCCCTACTTGGCCTCTGCTTAATTA	CCCTACTTGGCCTCTGCTTAATTAT	AAATCATCAACGACGCATTTCGTCGA
<i>Eubalaena australis</i>	No sequences		
<i>Eubalaena japonica</i>	TATTAACGACGCCTTCATCGATCTC	TCCCCACTCCATCAAATATCTCTTC	TCTCCCCACTCCATCAAATATCTCT
<i>Eumetopias jubatus</i>	TGAAACTTTGGATCCCTCCTTGACAG	CAGCATGCTTAGCCTTACAAATCTT	ATGACCAACATTCGAAAAGCACATC
<i>Felis catus</i>	CTAGGAGTCTGCCTAACCTTACAAA	AGTCTGCCTAACCTTACAAATCCTC	TGCCTAACCTTACAAATCCTCACCG
<i>Galemys pyrenaicus</i>	TCGGTTCCTACTAGGAATTTGCCT	CCCTACTAGGAATTTGCCTAGTGCT	TTCCGGTTCCTACTAGGAATTTGCC
<i>Gorilla gorilla</i>	GTGCCTGCTTAATCCTTCAAATCAC	CTCACTCCTTGGTGCCTGCTTAATC	TCCTTCAAATCACACAGGGCTATT
<i>Halichoerus grypus</i>	TCGACCTACCCACACCGTCAAATAT	AACAACCTATTATCGACCTACCCA	TTCTCGGAATCTGCCTAATCCTACA
<i>Hemiechinus auritus</i>	TCTTTCATTGACCTCCCTACCCCAT	GACCTCCCTACCCCATCAAATATTT	ATTCTTTCATTGACCTCCCTACCCC
<i>Herpestes javanicus</i>	CACACCACTCATTAAATCGTCAA	AAACTTTGGCTCCCTTTTAGGAGTG	ACTTTGGCTCCCTTTTAGGAGTGTG
<i>Hippopotamus amphibius</i>	CTTGGCGTCTGCCTAATCCTACAAA	CAGCTCCATCAAACATCTCATCGTG	AACATCCGAAAATCTCACCCCTTAA
<i>Homo sapiens</i>	CAACATCTCCGCATGATGAAACTTC	CCTGATCCTCAAATCACACAGGA	TGATCCTCAAATCACACAGGACT
<i>Hylobates lar</i>	TCCAGCCCCATCCAACATTTCTATA	CCCTGCGCAAAACTAACCCACTAAT	ATCAACCACTCACTTATCGACCTTC
<i>Hyperoodon ampullatus</i>	ATCACACAAATTCTCACAGGCCTAT	TCGGCCTCTGTCTAATCACACAAAT	CTCGGCCTCTGTCTAATCACACAAA
<i>Inia geoffrensis</i>	CCTACTCGGTCTCTGCCTAATTATT	ATAATGCACTATTGACCTCCCCAC	TTCCCTACTCGGTCTCTGCCTAATT
<i>Isodon macrourus</i>	ATCAAACATCTCAGCATGATGGAAC	TTATCGATTACCTGCCCATCAAA	GCCCCATCAAACATCTCAGCATGAT
<i>Jaculus jaculus</i>	CAACATCCGTAAGACTCACCCACTC	TTCAGCATGATGAAACTTTGGCTCT	ATGACCAACATCCGTAAGACTCACC
<i>Kogia breviceps</i>	CTTGGCCTGTGTCTCATCACACAAA	AATCGTCAACAACGCATTTCATCGAC	TGGCCTGTGTCTCATCACACAAATC
<i>Lagenorhynchus albirostris</i>	GACGCATTTCATTGACCTACCCACTC	GAAATTTTGGCTCCCTACTAGGCCT	TGACCTACCCACTCCATCTAGTATC

Lama pacos	ATGACCAATATCCGAAAGTCCCACC	ATCTTCCAGCCCCTTCTAACATCTC	TCCAGCCCCTTCTAACATCTCATCA
Lemur catta	CCCTACAATATCACAGGGCTATT	CATTGATTGACCTCCCAACACCATC	AATTTGGGTTCCCTTCTAGGAGCCT
Lepus europaeus	AAACTTCGGCTCTCTATTGGGATTA	AACCACTCTCTAATCGACCTTCCCG	GTAAAACGCACCCCCTACTAAAAAT
Loxodonta africana	ATCCTTCATTGATCTACCTACCCCA	GATCTACCTACCCCATCCAACATCT	ATTGATCTACCTACCCCATCCAACA
Macaca mulatta	AATACGCAAATCCAACCCAATCCTA	CCCAACCTCTCCATATGGTGAACCT	ATACGCAAATCCAACCCAATCCTAA
Macaca sylvanus	ACTTCGGTTACACTTCTACAGCTTG	TGCCAATCCTGCAAATCATCACAG	CTAATCCTGCAAATCATCACAGGCC
Macropus robustus	ACCTACGTAAATCCCACCCCTAAT	ATTTACAGCCTGATGAAACTTCGGCT	GGAGCCTGCCTAATTATCCAATCC
Macroscelides proboscideus	ACACCCATTACTCAAATCCTCAAC	TGCTCCATCTAACATTTGATCCTGA	CACACCCATTACTCAAATCCTCAA
Mammuthus primigenius	TTCGAAAATCTCACCCCTACTTAA	ACATTCGAAAATCTCACCCCTACT	TCGAAAATCTCACCCCTACTTAAA
Megaptera novaeangliae	CATTGATCTACCCACCCCATCAAAT	ACGACACATTGATGATCTACCCAC	TGATCTACCCACCCCATCAAATATC
Mogera wogura	TCGAAAGACCCACCCACTAATAAAA	TCGGATCATTACTTGAATCTGCCT	ACATTCGAAAGACCCACCCACTAAT
Monodon monoceros	TTCATGATGAAACTTTGGCTCCCTA	TAACAGCACATTCATCGATCTCCCT	ACAGCACATTCATCGATCTCCCTAC
Muntiacus crinifrons	GAAACTTCGGCTCCCTACTAGGAAT	GCCCATCAAACATCTCATCCTGAT	AACTTCGGCTCCCTACTAGGAATTT
Muntiacus muntjak	GTAACAACGCATTGATGACCTCC	CAGCCCATCAAACATTTGATCTTG	TGTAACAACGCATTGATGACCTC
Muntiacus reevesi	TGACAAAATCCGAAAAACCCACCC	ACAAATATCCGAAAAACCCACCCAC	CAAATATCCGAAAAACCCACCCACT
Mus musculus molossinus	AACCACTCATTGATGACCTACCCG	CTTTGGGTCCTTCTAGGAATCTGC	GGGTCCCTTCTAGGAATCTGCCTAA
Mus musculus	TTCTAGGAGTCTGCCTAATAGTCCA	TCTAGGAGTCTGCCTAATAGTCCAA	TCCCTTCTAGGAGTCTGCCTAATAG
Myoxus glis	TACCAACCCCTTCAAATATTTGAGC	AGCCTGCTTAGGAATCAAATCCTA	TCGAAAATCCACCCCTCTCATAAA
Nannospalax ehrenbergi	GCAAATCACACCCCTAATCAAAT	CTTCGGATCCCTACTAGGAGTATGT	CACTCATCGACTTACCAACACCATC
Nasalis larvatus	ACATTTCCATGTGATGAAACTTCGG	TTGATTTACCCACCCCATCAAACAT	GATGAAACTTCGGCTCTCTTCTAGC
Nycticebus coucang	CCCTGCACCATCTAACATCTCATCT	TCTCCCTGCACCATCTAACATCTCA	GGTTCATTACTGGGACTATGTCTGA
Ochotona princeps	TGATGAAACTTCGGATCCCTCCTAG	CCACTCTTTTATCGACCTGCCAAC	GCATCCAAATCATCACCGGCCTATT
Odobenus rosmarus rosmarus	TAATTCTACAAATCCTAACGGGCCT	TTTATCGACTTACCCACACCATCAA	ACATTTATCGACTTACCCACACCAT
Ornithorhynchus anatinus	TTTTGGCTCTCTTTTAGGCCTCTGC	GCCTAATTATCAAATCCTCACAGG	GGCCTCTGCCTAATTATCCAATCC
Orycteropus afer	CTTGGAATCTGCCTCATCATCCAAA	TGACCTTCCAACCTCTTCTAACATC	AATCTGCCTCATCATCCAAATTGTC
Oryctolagus cuniculus	TTCTGCTCCATCAAACATCTCTGC	CACTCCCTAATTGACCTTCTGCTC	AATTGACCTTCTGCTCCATCAAAC
Ovis aries	TGGCTCTCTCCTAGGCATTTGCTTA	TGATCTCCAGCTCCATCAAATATT	TCTCCAGCTCCATCAAATATTTCA
Pan paniscus	ACCCCATCCAATATTTCCACATGAT	CCCACCCCATCCAATATTTCCACAT	ACCCCATCCAATATTTCCACATGAT
Papio hamadryas	CATCCAACATCTCCATCTGATGGAA	CACTCCTTTATCGACCTACCTACCC	AATTTGGGCTCACTTCTTGCAACCT
Phoca vitulina	CCCACACCATCAAATATCTCGGCAT	TCTCGGCATGATGAAACTTTGGATC	TACCCACACCATCAAATATCTCGGC
Physeter catodon	TGGACTCTGCCTGATCATACAAATC	TGATCATACAAATCCTAACAGGCCT	ATTTCTCATGATGAAACTTCGGCT
Pipistrellus abramus	CATCCGAAAATCCCACCCATTAATT	TCCCTTTTAGGCATTTGTTTAGCAC	AACAGCTCATTGATGACCTACCAA
Platanista minor	ATCTCCTCTTGATGAAACTTTGGCT	CATTGATCTCCCAACCCCATCAAAC	TGATCTCCCAACCCCATCAAACATC
Pongo pygmaeus abelii	TCAACCACTCACTTATCGACCTCCC	TGCTTAATCATCAAATCACCCTG	ATCATCAAATCACCCTGACTAT
Pongo pygmaeus	GCCTGCTTAATCATCAAACCATCA	TAATCATCAAACCATCACTGGACT	ATCAAACATCTCTGCATGATGGAAC
Pontoporia blainvillei	CTCTTCATGATGAAACTTCGGCTCA	CAATAACGCATTGATGACCTTCTCT	CCTACCCCATCAAACATCTCTTCAT
Presbytis melalophos	TCCCTACTAGCAACCTGCTTAATT	ACTCCCTTATTGATTTACCTACCCC	CTCCCTACTAGCAACCTGCTTAATT

<i>Procapra capensis</i>	CCACTACTTAAAACCATCAACGACG	ATTGATCTACCAACGCCATCCAACA	CTTAAAACCATCAACGACGCCTTCA
<i>Procolobus badius</i>	AACCTGCCTGCTCCTACAAATTATT	CACGCTCTTATTGATTTACCTACCC	CTACCCCTCCCAATATCTCTACATG
<i>Pteropus scapulatus</i>	ATCAACGACTCGCTAATCGACTTAC	AAACTTCGGCTCACTATTAGGCATC	CTGCCTAGCCATCCAAATTTAACA
<i>Pygathrix nemaeus</i>	TTGATCTACCAACCCCATCAAACAT	TCCCATACGCAAATCTAATCCAAT	CTACCAACCCCATCAAACATCTCAG
<i>Pygathrix roxellana</i>	TCTGCATGATGAAACTTCGGTTCCC	CATGATGAAACTTCGGTTCCCTTTT	TCGGTTCCCTTTTAGCAACTTGTTT
<i>Rattus norvegicus</i>	GCCTCATAGTACAAATCCTCACAGG	CTTCGGTTCTCTACTAGGAGTATGC	CATCCGAAAATCTCACCCCTATTC
<i>Rhinoceros unicornis</i>	TTCATCGACCTACCTACCCCATCAA	CTACCCCATCAAACATCTCATCTTG	CTCATTTCATCGACCTACCTACCCCA
<i>Rhinolophus monoceros</i>	AACATTTCGTAAATCCCACCCACTAT	AGATCATCAACGACTCGTTCATCGA	CAACATTTCGTAAATCCCACCCACTA
<i>Rhinolophus pumilus</i>	CCAACATTTCGTAAATCCCACCCATT	TTCATCGACTTACCAGCCCATCAA	GACTCATTTCATCGACTTACCAGCCC
<i>Sciurus vulgaris</i>	TTTTATTGACCTCCAGCTCCCTCA	TATCCGCAAAAACCCACCTCTAATC	CTCAAACATCTCAGCCTGATGAAAC
<i>Semnopithecus entellus</i>	TGAAACTTCGGTTCTCTACTAGCAA	ACCATTCCCTTACTGACTTACCCAC	GTTCTCTACTAGCAACCTGCTTGAT
<i>Sus scrofa</i>	GCCTAATCTTGCAAATCCTAACAGG	CCCTCTTAGGCATCTGCCTAATCTT	TAATCTTGCAAATCCTAACAGGCCT
<i>Tachyglossus aculeatus</i>	GGCATATGCCTTATCGTCCAAATCC	AACTTTGGCTCCCTACTAGGCATAT	CTTATCGTCCAAATCCTCACAGGCC
<i>Talpa europaea</i>	CAACAGCTCATTTCATTGACCTACCA	ATGACAAACATCCGAAAAACACACC	AGCTCATTTCATTGACCTACCAGCAC
<i>Tamandua tetradactyla</i>	CATCAACCAATCATTTCATCGACCTC	CGACCTCCCTACACCATCAAACATT	TCTGCCTAGTAATCCAAACCCTAAC
<i>Tarsius bancanus</i>	CTGCTTAGGACTTCAAATCGTCACA	CAAATTTACGAAAACTCACCCCT	TGAAACTTTGGCTCTCTCTTAGGGG
<i>Thryonomys swinderianus</i>	TCATTGATTTACCCACACCACCAA	GCGCTTGCTTAGCTTTACAAATCCT	CCGAAAAGCCCACCCACTACTAAAA
<i>Thylamys elegans</i>	ATTTTGGGTCTCTCCTAGGAATCTG	CAGCTTGATGGAATTTTGGGTCTCT	CATTTACAGCTTGATGGAATTTTGGG
<i>Trachypithecus obscurus</i>	TGACCCCTACGTAAATCTAATCC	ACTTACCCACCCCATCAAACATTTT	CCCATCAAACATTTCCACATGATGA
<i>Trichosurus vulpecula</i>	CCAACATCTCTGCCTGATGAAACTT	CGCAAAAACCCACCCCATCAAAAA	ACTTCGGATCACTACTAGGCATCTG
<i>Tupaia belangeri</i>	AACTTTGGATCCTTGCTAGGAATGT	CTTTGGATCCTTGCTAGGAATGTGC	TCATGGTGAAACTTTGGATCCTTGC
<i>Urotrichus talpoides</i>	TTCGGTTCATATTAGGAATCTGCT	ACAAACCTACGAAAAACCCATCCCC	TCGATTTACCAGCACCCCTCAAATAT
<i>Ursus americanus</i>	AACTTCGGATCTCTCCTCGGAGTAT	TATCTCAGCATGATGAAACTTCGGA	TCGGATCTCTCCTCGGAGTATGTTT
<i>Ursus arctos</i>	AATCCTACAGATTCTAACAGGCCTG	TCCTACAGATTCTAACAGGCCTGTT	CCTTCCAACACCATCAAACATCTCA
<i>Ursus maritimus</i>	GGATCCCTCCTTGAGTGTGTTTAA	TTGGATCCCTCCTTGAGTGTGTTT	GATCTTCCAACACCATCAAACATCT
<i>Vombatus ursinus</i>	CTCCAATATCTCCGCCTGATGAAAT	CGCCTGATGAAATTTTGGATCACTA	GACCTACCCACACCCTCCAATATCT

Probe list for microarray analysis using 150 bp of 5' region of COI in bats dataset

Species name	Probe 1	Probe 2	Probe 3
<i>Ametrida centurio</i>	TTATTCGTGCAGAACTTGGACAACC	ACTTGGACAACCTGGGGCTCTATTA	ATTCGTGCAGAACTTGGACAACCTG
<i>Anoura caudifer</i>	CAATGTAATCGTAACAGCCCATGCC	TACAATGTAATCGTAACAGCCCATG	ACAATGTAATCGTAACAGCCCATGC
<i>Anoura geoffroyi</i>	GTAACAGCTCATGCATTTCGTGATAA	CGGTATAGTAGGCACTGCACTTAGC	GTATAGTAGGCACTGCACTTAGCCT
<i>Anoura latidens</i>	TATTATTTGGTGCCTGAGCTGGTAT	GGTATAGTAGGCACTGCACTTAGTC	GAGCTGGTATAGTAGGCACTGCACT
<i>Artibeus amplus</i>	No sequences		
<i>Artibeus bogotensis</i>	CACTGCATTAAGCCTTCTTATTCGT	AAGCCTTCTTATTCGTGCAGAACTT	AGTAGGCACTGCATTAAGCCTTCTT
<i>Artibeus cinereus</i>	TGCATTAAGCCTCCTTATTCGTGCA	GCATTAAGCCTCCTTATTCGTGCAG	CTCCTTATTCGTGCAGAACTTGGTC
<i>Artibeus concolor</i>	TATTATTCGGTGCTTGAGCAGGTAT	ATTATTCGGTGCTTGAGCAGGTATA	GTCTACTTATTCGTGCAGAACTTGG
<i>Artibeus gnomus</i>	GCCCTATTGGGTGACGACCAAATTT	TGTAATCGTAACAGCTCATGCTTTC	CCCTATTGGGTGACGACCAAATTTA
<i>Artibeus lituratus</i>	No sequences		
<i>Artibeus obscurus</i>	No sequences		
<i>Artibeus planirostris</i>	No sequences		
<i>Carollia brevicauda PS1</i>	No sequences		
<i>Carollia brevicauda PS2</i>	No sequences		
<i>Carollia perspicillata</i>	No sequences		
<i>Chiroderma trinitatum</i>	CCTAAGTCTCCTTATCCGTGCCGAA	ACCCTGTACTTATTTGGTGCCT	CTAAGTCTCCTTATCCGTGCCGAA
<i>Chiroderma villosum</i>	ACTATTTGGTGCCTGAGCTGGTATA	TACTATTTGGTGCCTGAGCTGGTAT	CTATTTGGTGCCTGAGCTGGTATAG
<i>Choleoniscus minor</i>	GTAACAGCACATGCCTTCGTAATAA	CGGTATAGTAGGTACCGCACTTAGT	TCGTAACAGCACATGCCTTCGTAAT
<i>Chrotopterus auritus</i>	GCTTTACTGGGCGACGATCAAATCT	TGCTTTACTGGGCGACGATCAAATC	CATCGTAACAGCTCATGCCTTCGTA
<i>Cormura brevirostris</i>	CATTATACCTGCTATTCGGTGCTTG	ATTATACCTGCTATTCGGTGCTTGA	AATGTTATCGTTACTGCCATGCAT
<i>Cynomops paranus</i>	TTCTCATTGAGCTGAGTTAGGTCA	TTTACAACGTAATTGTACCGCCCA	CCCTAAGTCTTCTCATTGAGCTGA
<i>Cynomops planirostris</i>	CCAAATCTACAACGATGTTGTCACC	CCTTACCGGGCTGAATTAGGTCAAC	GGTCAACCAGGAGCTCTTTAGGAG
<i>Cyttarops alecto</i>	TGGAGACGACCAGATCTACAATGTA	GTAGTAGTCACTGCTCATGCAATTG	CTGCTTGGAGACGACCAGATCTACA
<i>Desmodus rotundus</i>	No sequences		
<i>Diaemus youngi</i>	CTACAACGTAGTAGTAACAGCCAC	GACCCTTCTAGGTGATGACCAAATC	TATATCCTATTTGGAGCCTGAGCAG
<i>Diclidurus isabellus</i>	AGTCACAGCCCATGCTTTCGTAATA	ATAACGTAGTAGTCACAGCCCATGC	CTTGGGCAGGAATAGTAGGAACAGC
<i>Eptesicus chiroquinus</i>	GGAGCATTACTTGGGGATGATCAGA	TAATCCGTGCAGAAATTAGGCCAAC	TACTAATCCGTGCAGAAATTAGGCCA
<i>Eptesicus furinalis</i>	ATTCGTGCAGAAATTAGGCCAACAG	CTAATTCGTGCAGAAATTAGGCCAAC	ACTAATTCGTGCAGAAATTAGGCCAA
<i>Eumops auripendulus</i>	CCCTGAGTCTTTAATCCGAGCTGA	TTAATCCGAGCTGAACTAGGACAGC	AATGTAATCGTCACAGCTCATGCCT
<i>Eumops hansae</i>	ATTTACAACGTAATCGTAACAGCCC	AATCGTAACAGCCCATGCTTTTGT	TTTACAACGTAATCGTAACAGCCCA
<i>Furipterus horrens</i>	CTTTACATAATCTTCGGCGCTTGGG	GAGCCCTTATAGGCGACGATCAAAT	AGCCCTTATAGGCGACGATCAAATT
<i>Glossophaga longirostris</i>	GAGCTGGTATAGTAGGAACTGCATT	TGAGCTGGTATAGTAGGAACTGCAT	GCTCTATTGGGTGATGACCAGATTT
<i>Glossophaga soricina</i>	ATTAAGCCTACTTATCCGTGCCGAG	GAACCGCATTAAAGCCTACTTATCCG	GGAACCGCATTAAAGCCTACTTATCC
<i>Glyphonycteris daviesi</i>	ATTAAGTCTCCTTATTCGTGCCGAA	AAGTCTCCTTATTCGTGCCGAACTA	CTTATTCGTGCCGAACTAGGTACGC
<i>Glyphonycteris sylvestris</i>	CTGTTGGGCGACGATCAAATCTATA	TCTATAACGTCGTCGTAACGGCTCA	GTATAGCAGGCACAGCTCTTAGTCT
<i>Lamproncycteris brachyotis</i>	CCTTACTGGGGACGATCAGATCTATA	GGGACGATCAGATCTACAACGTTGT	TACTGGGGACGATCAGATCTACAA
<i>Lasiurus atratus</i>	GTCACCGCTCATGCATTTGTAATGA	TTAGGCCAACAGGTGCTCTTTTAG	GAGCCTACTTATTCGGGCTGAATTA
<i>Lionycteris spurrelli</i>	TATTATTTGGGCTTGAGCAGGTAT	TTATTTGGGCTTGAGCAGGTATAG	ATGTAATTGTGACAGCTCATGCCTT
<i>Lonchophylla thomasi</i>	GGTATAGTGGGACTGCCCTTAGTC	ACTCTTACTTACTGTTCCGGAGCTT	TTTACTTACTGTTCCGGAGCTTGAGC
<i>Lonchorhina inusitata</i>	GGGGCTTACTAGGTGATGATCAAAA	TAACCGCACACGCTTTGTAATAAT	TGTAACCGCACACGCTTTGTAATA
<i>Lophostoma brasiliense</i>	GAGCTTCTCGGTGATGACCAAAT	TAGTAACAGTCTATGCTTCGTAAT	ACTAAGTCTTCTCATTGCTGCTGAG
<i>Lophostoma carrikeri</i>	ATGTTGTAGTAACAGCCCATGCCTT	TCTTCTTATTCGTGCTGAACTTGGGA	TGTTGTAGTAACAGCCCATGCCTTC
<i>Lophostoma schulzi</i>	ATAACGTTGTAGTGACAGCACATGC	CATGGTAGGAACAGCATTAAAGCCTT	GGCGATGACCAAATCTATAACGTTG
<i>Lophostoma silvicolium</i>	ATTTACAACGTTGTAGTAACAGCCC	GAGCTCTACTAGGCGATGACCAGAT	ACTAAGCCTCCTTATTCGTGCTGAA
<i>Macrophyllum macrophyllum</i>	AGCACTAAGTCTTCTCATTTCGTGCC	ACTAAGTCTTCTCATTTCGTGCCGAA	CTATACCTTATTTGGCGCTTGGG
<i>Mesophylla macconnelli</i>	TATAGTGGGCATCCCTAAGTCTT	TGTAGTAGTAACAGCTCACGCCTTC	AATGTAGTAGTAACAGCTCACGCCT
<i>Microncycteris hirsuta</i>	TTTATATACTACTTCGGCGCATGAGC	CATGACGAGGTATAGTAGGAACGTC	CTGCTAGGGGATGACCAGATCTACA
<i>Mimon crenulatum</i>	GTTACAGCTCACGCTTTCGTAATAA	TTGTTACAGCTCACGCTTTCGTAAT	GTTATTGTTACAGCTCACGCTTTCG

Species name	Probe 1	Probe 2	Probe 3
Molossops neglectus	TTGGGAGACGACCAAATCTACAATG	GCTTTGAGTCTTCTTATCCGAGCCG	TCTTCTTATCCGAGCCGAATTAGGA
Molossus molossus	No sequences		
Molossus rufus	GTAATTGTAACCGCCCATGCCTTTG	TTGTAACCGCCCATGCCTTTGTAAT	TGTAATTGTAACCGCCCATGCCTTT
Molossus sp	CCTTCTTATCCGAGCTGAGCTAGGT	CTTCTTATCCGAGCTGAGCTAGGTC	TCTTATCCGAGCTGAGCTAGGTCAG
Myotis albescens	CACTGCATTAAGCTTACTAATCCGC	TAAGCTTACTAATCCGCGCCGAATT	AAGCTTACTAATCCGCGCCGAATTA
Myotis nigricans	TGCTTGAGCTGGAATAGTAGGCACT	ACCAGGAGCTCTACTAGGGGATGAT	ATAGTAGGCACTGCATTAAGCCTAC
Myotis riparius PS1	ATAGTAGGCACTGCATTGAGCTTAC	GTTACTGCTCACGCTTTTGTAAATGA	TGTTACTGCTCACGCTTTTGTAAATG
Myotis riparius PS2	GTAATTGTTACTGCTCACGCTTTG	TTAAGCTTACTAATCCGCGCCGAAC	GTTACTGCTCACGCTTTTGTAAATGA
Myotis riparius PS3	TAGGTCAACCAGGAGCTCTATTAGG	TCAACCAGGAGCTCTATTAGGGGAT	GTAGGTACTGCACTCAGCTTACTAA
Noctilio albiventris PS1	TTAGGTCAACCAGGCACTTTACTTG	CACCTTACTTGGCGATGACCAAATT	TAGGTCAACCAGGCACTTTACTTG
Noctilio albiventris PS2	ATGTCGTAGTAACAGCCCATGCTTT	TTAGGTCAACCAGGCACTTTGCTTG	AGCAGAATTAGGTCAACCAGGCACT
Noctilio leporinus	GCATTTGCTTGGTGTAGACCAAAT	CCTAAGCCTAATCCGAGCAGAA	AATAGTAGGAACCGCCCTAAGCCTA
Nyctinomops macrotis	GTTACCGCTCACGCTTTTGTAAATA	CATCCGAGCTGAATTAGGTAACCA	GCCTTCTCATCCGAGCTGAATTAGG
Peropteryx kappleri	GGTTACCGCCACGCATTTGTAATA	GCCCTGCTAGGGGATGATCAAATTT	TATAATGTAGTGGTTACCGCCACG
Peropteryx leucoptera	GTCACTGCCCATGCATTTGTAATA	TACAATGTAGTGGTCACTGCCCATG	TGGTCACTGCCCATGCATTTGTAAT
Phyloderma stenops PS1	CTAGGAGACGACCAAATTTACAACG	TAGGAGACGACCAAATTTACAACGT	GACCAAATTTACAACGTCGTTGTCA
Phyloderma stenops PS2	TGAGCAGGACTAGTAGTACTGCAC	TATACTTACTATTCGGTGCCTGAGC	GGCCCTACTAGGAGATGATCAAATT
Phyllostomus discolor	CGTTACGGCTCATGCTTTTCGTAATG	TAGGAACTGCACTAAGCCTCCTCAT	TTACGGCTCATGCTTTTCGTAATGAT
Phyllostomus elongatus	TCTATACCTCCTATTTGGTGCCTGA	GTATAGTGGGTACCGCACTTAGCCT	ACTCTATACCTCCTATTTGGTGCCT
Phyllostomus hastatus	TTATAATGTTGTCGTCACAGCCAC	TTTATAATGTTGTCGTCACAGCCCA	CCCTCTTAGGGGATGACCAGATTTA
Platyrrhinus aurarius	GGCGATGACCAGATCTACAATGTAG	AGGCGATGACCAGATCTACAATGTA	GCGATGACCAGATCTACAATGTAGT
Platyrrhinus brachycephalus	GCCTTACTAGGCGATGATCAGATCT	TAGTAGTTACAGCTCATGCTTTCGT	CCCTATACTTGTCTATTTGGTGCCTG
Platyrrhinus helleri PS1	GCTCTACTAGGTGATGACCAGATCT	TAAGCCTTCTTATCCGAGCTGAAC	GCTTACTAGGTGATGATTTGGCACTG
Platyrrhinus helleri PS2	AATGTCGTAGTAACAGCTCATGCTT	ATGTCGTAGTAACAGCTCATGCTTT	CAATGTCGTAGTAACAGCTCATGCT
Platyrrhinus helleri PS3	GTCTCCTTATCCGAGCTGAACCTTGG	CTCTAAGTCTCCTTATCCGAGCTGA	CACCGCTCTAAGTCTCCTTATCCGA
Pteronotus gymnonotus	TAGGGGATGACCAGATCTATAACGT	TCTACTTATCCGAGCAGACTAGGG	TATTTGGGGCCTGAGCAGGAATAGT
Pteronotus parnellii	ATAATGTTGTGGTTACAGCCCATGC	TGGTTACAGCCCATGCTTTCGTAAT	ATATCTACTATTCGGCGCCTGAGCA
Pteronotus personatus	ACAATGTAGTAGTCACAGCCCATGC	CTAGGTCACCTGGAGCTCTGTTAG	TTTACAATGTAGTAGTCACAGCCCA
Rhinophylla pumilio	AATTAGGACAGCCAGGAGCATTACT	CTGAATTAGGACAGCCAGGAGCATT	TTATTCGTGCTGAATTAGGACAGCC
Rhynchonycteris naso	AGTTACAGCCACGCATTTGTAATA	CGTAGTAGTTACAGCCACGCATTT	AGCCGGAATAGTTGGTACAGCTCTA
Saccopteryx bilineata	ACAGCCCTAAGTCTCTTAATCCGTG	GCTTGAGCCGGAATAGTAGGTACAG	TTTATCTTCTATTTGGCGCTTGAGC
Saccopteryx canescens	TTTACCTCCTATTTGGTGCCTGAGC	GTAGTAGTCACTGCCCATGCTTTCG	TACCTCCTATTTGGTGCCTGAGCAG
Saccopteryx gymnura	CTATAACGTAGTAGTTACCGCCCAT	TACAGCCCTAAGTCTCTTAATCCGC	TTACCTCCTATTCGGTGCCTGAGCA
Saccopteryx leptura	AGTCACCGCTCATGCATTCGTAATA	CACAGCCCTAAGCCTGTTAATTCGT	TTATCTTCTATTTGGTGCCTGAGCC
Sturnira lilium	TGAGCAGGAATAGTAGGAACTGCAC	AGCAGGAATAGTAGGAACTGCACTG	TTGAGCAGGAATAGTAGGAACTGCA
Sturnira tildae	ACGTTATCGTAACAGCCCATGCTTT	CAACGTTATCGTAACAGCCCATGCT	CGTTATCGTAACAGCCCATGCTTTC
Thyroptera tricolor	CTCATTATTCGTGCTGAACTCGGTC	ATTATTCGTGCTGAACTCGGTC AAC	TAAGCCTCATTATTCGTGCTGAACT
Tonatia saurophila	TAGGCACAGCACTAAGCCTCCTTAT	TCTATAATGTCATCGTTACAGCCCA	TAGGCCAACCAGGAGCACTATTAGG
Trachops cirrhosus PS1	CTGCACCTAAGTCTCCTTATCCGTGC	CTATAATGTTGTTGTGACAGCCCAT	TATAATGTTGTTGTGACAGCCCATG
Trachops cirrhosus PS2	CTAAGTCTCCTCATTGCGGCTGAAC	GATCTATAACGTTGTTGTGACAGCT	TAACGTTGTTGTGACAGCTCATGCT
Trachops cirrhosus PS3	TTTACCTCTTATTTGGAGCCTGAGC	CCCTGCTAGGGGATGATCAGATCTA	TGTTGTAACAGCTCATGCTTTCGTA
Trinycteris nicefori	AGCAGGCATAGTAGGTACAGCATT	GAGCAGGCATAGTAGGTACAGCATT	CTTTATCTACTGTTCCGGTGCCTGAG
Uroderma bilobatum	No sequences		
Vampyressa bidens	TATCTACTATTCGGAGCTTGGGCTG	TACTATTCCGAGCTTGGGCTGGTAT	ACTATTCCGAGCTTGGGCTGGTATA
Vampyressa brocki	GTAACAGCCCATGCCTTCGTTATAA	AGCTTACTTATTCGCGCCGAAGTAG	AAGCTTACTTATTCGCGCCGAAGTAG
Vampyressa thylene	CTTAAGCCTCCTCATTGAGCTGAG	GAGCTGGTATAGTAGGCACTGCCTT	AGCTGGTATAGTAGGCACTGCCTTA
Vampyrodes caraccioli	ATAGTAGGTAAGTCTTTCGAGCCTCC	GCTCTACTAGGTGATGACCAAATCT	AGTAACAGCACAGCCTTTCGTAATA
Vampyrum spectrum	AGGCGATGACCAGATCTACAATGTC	TACCGCATTGAGCCTTCTTATTCGC	CCCTATACCTATTGTTGGGGCCTG