

#NEXUS

BEGIN DATA;
DIMENSIONS NTAX=29 NCHAR=7187;
FORMAT MISSING=? GAP=- INTERLEAVE DATATYPE=DNA ;
OPTIONS MSTAXA=UNCERTAIN ;

MATRIX

[10 20 30 40 50]
[.]

Tonatia ???GCTCATT [50]
Myotis TCAAACCTGCATGTGGAGCCATGTGGCACAGATACTCATGCCAGCTCATT [50]
Tadarida TTTCACTTGCATGTGGAGCCATGTGGCACAGATACTCATGCCAGCTCATT [50]
Taphozous TTCAACTTGCATGTGGAGCCATGTGGCACAAAGTACTCATGCCAGCTCAGT [50]
Megaderma TTTCACTTGCATGTGGAGCCGTGTGGCACAAATACTCATGCCAGCTCATT [50]
Cynopterus TTCAACTTGCATGTGGAGCCATGTGGCACAAATACTCATGCCAACTCATT [50]
Pteropus ???AACTTGCATGTGGAGCCATGTGGCACAAATGCTCATGCCAGCTCTTT [50]
Hipposideros TTCAACTTGCATGTGGAGCCATGTGGCACAAATACTCATGCCAGCTCTTT [50]
Cat ???ATGTGGCACAAATACTCGTGCCAGCTCATT [50]
Human TCAAACCTGCATGTGGAGCCATGTGGCACAAATACTCATGCCAGCTCATT [50]
Mouse TCAAATGTGTGTGGAGCCATGTGGCACAGATGCTCATGCCAGCTCATT [50]
Flyinglemur TCAAACCTGCATGTGGAGCCATGTGGCACAAATACTCATGCCAGCTCATT [50]
NycterisG ??? [50]
Antrozous TTTAACTTGCATGTGGAGCCATGTGGCACAGATACTCATGCCAGCTCATT [50]
Rhoageessa TTTAACTTGCATGTGGAGCCATGTGGCACAGATACTCATGCCAGCTCATT [50]
Noctilio ??? [50]
Natalus TTCAACTTGCATGTGGAGCCATGTGGCACAAATACTCATGCCAGCTCATT [50]
Rhinolophus ??? [50]
Rousettus ??? [50]
NycterisT ??? [50]
Nyctimene ??? [50]
Mole ??? [50]
Horse ??? [50]
Desmodus TTTAACTTGCATGTGAAGCCACGTGGCACAGTACTCATGCCAACTCATT [50]
Rhinopoma ??? [50]
Emballonura ???AACTTGCATGTGGAGCCATGTAGCACAAATACTCATGCCGGCTCATT [50]
Cow ??? [50]
Pangolin ??? [50]
Whale ??? [50]

[60 70 80 90 100]
[.]

Tonatia A?AGC?TGAGAACAGCAGTTTACTGCTCACTGAGGACCAGATGAGTGTGG [100]
Myotis ACAGCATGAGAACAGCAGTTTACTACTCACCAGAGCAGAATGAATGTAG [100]
Tadarida ACAGCATGAGAACAGCAGTTTACTACTCACTAAAGACAGAATGAATGTAG [100]
Taphozous ACAGCATGAGAACAGCAGTTTACTACTCACTAAAGACAGAATGAATGTAG [100]
Megaderma ACAGCATGAGAACAGCAGTTTACTACTCACTAAAGACAGAATGAATGTAG [100]
Cynopterus ACAGCATGAGAACAGCAGTTTATTATACACTAAAGACAGAATGAATGTAG [100]
Pteropus ACAGCATGAGAAC--AGTTTATTATACACTAAAGACAGAATGAATGTAG [97]
Hipposideros ACATTATGAGCACAGCAGTTTATTACTCACTGAAGACAGAATGAATGTAG [100]
Cat ACAGCATGAGAACAGCAGTTTATTACTCACTAAAGACAGAATGAATGTAG [100]
Human ACAGCATGAGAACAGCAGTTTATTACTCACTAAAGACAGAATGAATGTAG [100]
Mouse ACAGCCTGAGACCAGCAGTTTATTGCTCATTGAAGACAGAATGAATGCAG [100]
Flyinglemur ACAGCATGAGAACAGCAGTTTATTACGCACTAAAGACAGAATAAATGTG [100]
NycterisG ??? [100]
Antrozous ACAGCATGAGAACAGCAGTTTACTACTCGCTAAAGACGGAACGGATGTAG [100]
Rhoageessa ACAGCCTGAGAACAGCAGTTTACTACTCGCTAAAGACGGAATGGATGTAG [100]
Noctilio ACAGCCTGAGAACAGCAGTTTACTACTCGCTAAAGACGGAATGGATGTAG [100]
Natalus ACAGCATGAGAACAGCAGTTTACTACTCACTAAAGACAGAATGAATGGAG [100]
Rhinolophus ACAGCATGAGAACAGCAGTTTATTACTCACTGAAGACAGAATGAATGTAG [100]
Rousettus ?????????ATGAGAACAGTATTATACACTAAAGACAGAATGAATGTAG [100]
NycterisT ACAGCATGAGAACAGCAGTTTACTACTCACTAAAGACAGAATGAATGTAG [100]
Nyctimene ACAGCATGAGAAC--AGTTTATTATACACTAAAGACAGAATGAATGTAG [97]
Mole ACAGCATGAAAACAGCAGTTTATTACTCACTGAAAACAGAATGAATGTAG [100]
Horse GCAGCATGAGAACAGCAGTTTATTACTCACTAAAGACAGAATGAATGTAG [100]
Desmodus ACAGCCTGAGAACAGCAGTTTACTGCTCACTAAAGACAGAATGAATGTAG [100]
Rhinopoma ??? [100]
Emballonura ACAGCATGAGAACAGCAGTTTACTACTCACTAAAGACAGACTGAATGTAG [100]
Cow ACAGCATGAGAACAGCAGTTTATTGCTCACTGAAAACAGACTGAATGTAG [100]

Pangolin ACAGCATGAGAACAGCAGTTTATTACTCACTAAAGACAGAATAAATGTAG [100]
 Whale ACAAATGAAAACAGCAGTTTATTACTCACTAAAGACAGAATGAATGTAG [100]

[110 120 130 140 150]
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Tonatia GAAAGGCTGAATTCGGTCATGAAAGCAAGCAGCCCGGCTTAGCGAGGAGC [150]
 Myotis AAAAGGCTGAATTCGTGAATAAAAAGCAAGCAGCCTGGCTTAGCAAGGAGC [150]
 Tadarida AAAAGGCTGAATTCGTGAATAAAAAGCAAGCAGCCTGGCTTAGCAAGGAGC [150]
 Taphozous AAAAGCTTGACTTCTGTGAATAAAAAGCAAGCAGCCTGGCTTAGCAAGGAGC [150]
 Megaderma AAAAGGCTGAATTCGTGAATAAAAAGCAAAACAGCCTGTGTTAGCAAGGAGC [150]
 Cynopterus AAAAGACTGACTTCTGTGAATAAAAAGCAAAACAGCCTGGCTTAGCAAGGAGC [150]
 Pteropus AAAAGACTGACTTCTGTGAATAAAAAGCAAAACAGCCTGGCTTAGCAAGGAGC [147]
 Hipposideros AAAAGGCTGAATTCGTGAATAAAAAGCAAGCAGCCTGGCTTAGCAAGGAGC [150]
 Cat AAAAGGCTGAATTCGTGAATAAAAAGCAAAACAGCCTGGCTTAGCAAGGAGC [150]
 Human AAAAGGCTGAATTCGTGAATAAAAAGCAAAACAGCCTGGCTTAGCAAGGAGC [150]
 Mouse AAAAGGCTGAATTCGTGAATAAAAAGCAAAACAGCCTGGCTTAGCAAGGAGC [150]
 Flyinglemur AAAAGGCTGAATTCGTGAATAAAAAGCAAAACAGCCTGGCTTAGCAAGGAGC [150]
 NycterisG AAAAGGCTGAAGTCTGTGAATAAAAAGCCAGCAGCCTGGTTTAGCAATGAGT [150]
 Antrozous AAAAGGCTGAATTCGTGAATAAAAAGCAAGCAGCCTGGCTTAGCAAGGAGC [150]
 Rhogeessa AAAAGGCTGAATTCGTGAATAAAAAGCAAGCAGCCTAGCTTAGCAAGGAGC [150]
 Noctilio AAAAGGCTGAATTCGTGAATAAAAAGCAAGCAGCCTAGCTTAGCAAGGAGC [150]
 Natalus AAAAGGCTGAATTCGTGAATAAAAAGCAAAACAGCCTGGCTTAGCAAGGAGC [150]
 Rhinolophus AAAAGGCTGAATTCGTGAATAAAAAGCAAGCAGCCTGGCTTAGCAAGGAGC [150]
 Rousettus AAAAGACTGACTTCTGTGAATAAAAAGCAAAACAGCCTGGCTTAGCAAGGAGC [150]
 NycterisT AAAAGGCTGAAGTCTGTGAATAAAAAGCAAGCAGCCTGGCTTAGCAAGGAGC [150]
 Nyctimene AAAAGACTGACTTCTGTGAATAAAAAGCAAAACAGCCTGGCTTAGCAAGGAGC [147]
 Mole AAAAGGCTGAATTCGTGAATAAAAAGCAAAACAGCCTGACTTAGCAAGGAGC [150]
 Horse AAAAGGCTGAATTCGTGAATAAAAAGCAAAACAGCCTGGCTTAGCAAGGAGC [150]
 Desmodus AAAAGGCTGAATTCGTGAATAAAAAGCAAGCAGCCTGGCTTAGCAAGGAGC [150]
 Rhinopoma ??????????????????ATGAAAGCCAACAGCCTGGCTTAGCAAGGAGC [150]
 Emballonura AAAAGCCTGAATTCGTGAATAAAAAGCAAGCAGCCTGGCTTAGCAAGGAGC [150]
 Cow AAAAGGCTGAATTCGTGAATAAAAAGCAAAACAGCCTGTCTTAGTAAAGGAGC [150]
 Pangolin AAAAGACTGAATTCGTGAATAAAAAGCAAAACAGCCTGGCTTAGCAAGGAGC [150]
 Whale AAAAGGCTGAATTCGTGAATAAAAAGCAAAACAGCCTGTCTCAGCAAGGAGC [150]

[160 170 180 190 200]
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Tonatia CAGCAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTGACGATAGGCAGGC [200]
 Myotis CAGCAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Tadarida CAGCAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Taphozous CAGCAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Megaderma CAGCAGAGCAGATGGGCTAACAGTAAAGAAAATATGTAATGATAGGCAGAC [200]
 Cynopterus CAGCAGAACAGATGGGTTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Pteropus CAACAGAACAGATGGGTTGAAAAGTAAAGAAAACATGTAACGATATGCAGAC [197]
 Hipposideros CAACAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Cat CAACAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Human CAACATAACAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Mouse CAGCAGAGCAGATGGGCTGCAAGTAAAGGAAACATGTAACGACAGGCAGGT [200]
 Flyinglemur CAGGAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 NycterisG CAGCAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Antrozous CAGCAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATGGGCGGGC [200]
 Rhogeessa CAGCAGAGCAGATGGGCTGAAAAGTAAAGAAAATATGTAATGATGGGCAAAC [200]
 Noctilio CAGCAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATGGGCAAAC [200]
 Natalus CAGCAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Rhinolophus CAACAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Rousettus CAACAGAACAGATGGGTTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 NycterisT CAACATAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGC?GGC [200]
 Nyctimene CAACAGAACAGATGGGTTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [197]
 Mole CAGCAGAACAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Horse CAACAGAGCAGACGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGGC [200]
 Desmodus CAGCAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Rhinopoma CCACAGACATATGGGCTGAAAAGTAAAGGAAACATGTAATGATAGGCAGAT [200]
 Emballonura CAGCAGAGCAGATGGGCTGAAAAGTAAAGAAAACATGTAATGATAGGCAGAC [200]
 Cow CAGCAGAGCAGATGGGCTGAAAAGTAAAGGACATGTAAGGATAGGCAGAT [200]
 Pangolin CTGCAAGCAGATGGGCTGAATGTAAGAAAACATGTAACGATAGGCAGGC [200]
 Whale CAACAGAGCAGATGGGCTGAAAAGTAAAGGACACATGTAATGATAGGCAGAC [200]

[210 220 230 240 250]
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Tonatia TCCAGCGCAGAGGAAAAGGGCAGTTCTGAATGCTGATCCCCAGAATGGGA [250]

Myotis TCCAGCACAGAGAAAAGGGTAACTTCTGGATGCTGATCCTCTGAATGGG [250]
 Tadarida TCTCAGCACAGAGAAAAGGGTAGTTCTGAATGCTGATCCTCTGAATAGGA [250]
 Taphozous TCCCAGCACAGAGAAAAGGGTAGTTGGAATGCTGATACCCCTGGATGGGA [250]
 Megaderma TCCCAACACAGAGAAAAGGGTAGTTCTGAATGCTGATCCCTTGAATGAGA [250]
 Cynopterus TTCCAGCA?AGAGAAAAGGTAGTTCTGAATGCTGATCCCTTGAATGGAA [250]
 Pteropus TTCCAGCACAGAGAAAAGGGTAGTTCTGAATGCTGATCCCTTGAATGGGA [247]
 Hipposideros TCCCAGCACAGAGAAAAGGTAGTTCTGAATGCTGATCCCTTGAATGGGA [250]
 Cat TCCCAGCACAGAGAAAAGGGTAGTTCTGAATGCTGATCCCTGTGTAGGA [250]
 Human TCCCAGCACAGAGAAAAGGTAGATCTGAATGCTGATCCCTGTGTGAGA [250]
 Mouse TCCCAGCACTGGGGAAAAGGTAGTCCAAACGCTGACTCCCTTAGTGATA [250]
 Flyinglemur GCCCAGCACAGAGAAAAGATAGATCTAAATGCTGATCCCAGCATGGGA [250]
 NycterisG TCCTGCACAGAGAAAAGGGTAGTCTGAATGCTGATCCCTTGAATGGGA [250]
 Antrozous TCCCAGCACAGAGAAAAGGGCAATTTCTGAATGCTGATCCTCTGATTGGGG [250]
 Rhogeessa GCCCAGCACAGAGAAAAGGGTAATTTCTGAATGCTGATCCTTGAATGGGA [250]
 Noctilio GCCCAGCACAGAGAAAAGGGTAGTTCTGAATGCTGATCCTCTGAATGGGA [250]
 Natalus ACCCAGCACAGAGAAAAGGGTAGTTCTGAATGTTGATCCTCTGAATGGGA [250]
 Rhinolophus TCCCAGCACAGAGATAAAGTAATTTCTGAATGCTGATCCTCTGAATGGGA [250]
 Rousettus TCCCAGCACAGAGAAAAGGTAGTTCTGAATGCTGATCCCTTGAATGGGA [250]
 NycterisT TCCTGCACAGAGAAAAGGGTAGTCTGAATGCTGATCCCTTGAATCAGGA [250]
 Nyctimene TTCCAACACAGAGAAAAGGTAGTTCTGAATGCTGATCCCTTGAATGAGA [247]
 Mole TTCCAGCCACAGAGAAAAGGGTAGACCCGAATGCTGATCCCATGTATGGGA [250]
 Horse CCCCAACTCAGAGAAAAGCTAGTTCTGAATGCTGATCCCGTGTATGGGA [250]
 Desmodus TCCCAGCACAGAGAAAAGGGTAGTTCTGAATGCTGATCCTCTGAGTGGGA [250]
 Rhinopoma TCCCAGCACAGAGAAAAGGGTAGTTCTGAATGCTGATCCCTTGAATGGGA [250]
 Emballonura TCCCAGCACAGAGAAAAGGGTAGTTGTGAAAGCTGATACCCCTGAATGGGA [250]
 Cow TCCCAGCACTGAGAAAAGATAAGTTCTGAATGCTGATCCCTTGTACAGAA [250]
 Pangolin TCTCAGCACAGGAAAAGGTAGTTCTGAATGCTGATCCCTGTGTGGGA [250]
 Whale TCCCAGTACAGAGAAAAGGTAGTTCTGAATGCTGATCCCTGTATGGGA [250]

[260 270 280 290 300]
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Tonatia GGGAAGAA-----TCTCCATCCTCTGACCACCTTAGAGAT [285]
 Myotis AAAAAGAA-----CTTCCACGCTCTGACCATCCCAGAGAT [285]
 Tadarida GAAAAGAA-----CCTCCAGGCTCTAATCTATCCTAGAGAT [285]
 Taphozous GAAAAGAA-----CCTCCATACTCTGACTGTCTAATGAT [285]
 Megaderma GAAAAGAACTGAATAATCAGAAAACCTCTATGCTCTGACAGTCTTAGAGAT [300]
 Cynopterus GAATAAACTGAATAAGCAGAAAACCTCCATGCTCTGACAGTCTTAGAGAT [300]
 Pteropus GAATAGAACTGAATAAGCAGAAAACCTCCATGCTCTGACAGTCTTAGAGAT [297]
 Hipposideros GAAAAGAACTGAATAAGCAGAAAACCTCCATGCTCTGACAGTCTTAGGGAT [300]
 Cat GAAAA--CTGAGTAAGCAGAAAATCTCCATGCTCTGACAGTCTTAGAGAT [297]
 Human GAAAAGAACTGGAATAAGCAGAAAACCTGCCATGCTCAGAGAATCCTAGAGAT [300]
 Mouse GAGAGAAGTGGACTCACCCGCAAAGTCTGTGCCCTGAGAATCTGGAGCT [300]
 Flyinglemur GAAAAGAACTGGAATAATGAGAAAACCTCCATACCCTGAGAGTCTTAGAGAT [300]
 NycterisG GAAAAGAA-----CTGCCATGCTCTGACCATCCTAGAGAT [285]
 Antrozous GAAAAGAA-----CTTCCACGCTCTGACCATCCTAGAGAT [285]
 Rhogeessa GAAAAGAA-----CCTCCACGCTCTGACCATCCTAGAGAT [285]
 Noctilio GAAAAGAA-----CTTCCACGCTCTGACCATCCTAGAGAT [285]
 Natalus GAAAAGAA-----CCTCCATGCTCTGACCGTCTGGAGAT [285]
 Rhinolophus GAAAAGAACTGAATAAGCAGAAAACCTCCATGCTCTGACAATCCTAGACAT [300]
 Rousettus GAATAGAACTAAATAAGCAGAAAACCTCCATGCTCTGACAGTCTTAGAGAT [300]
 NycterisT GACAAGAA-----CTGCC?TGCTCTGACCATCCTAGAGAT [285]
 Nyctimene GAATAGAACTGAATAAGCAGAAAACCTCCATGCTCTGACAGTCTTAGAGAT [297]
 Mole GAAAAGAACTGAATAAGCAGAAAACCTCCATGCTCTGACAGCCTTAGAGAT [300]
 Horse GAGAAGAACTGAATAAGCAGAAAACCTCCACGCTCTGACAGTCTTAGAGAC [300]
 Desmodus GAAGAGAA-----TCTCCATCCTCTGACCGTCTTAGAGAT [285]
 Rhinopoma GAAAAGAACTGAGTAAGCATAAACCTGCATGCTCTGAC?GTCTTAGAGAT [300]
 Emballonura GAAGAGAA-----CCTCCATGCTCTGACTATCCTAGAGAT [285]
 Cow GAAAAGAACTGCGTAAGCAGAAAACCTGCATGCCCTGACAGTCTTAGAGAT [300]
 Pangolin GAAAAGAACTGAATAAGCAGAAAACCTTCATGCTCTGACAGTCTTAGAGAT [300]
 Whale GAAAAGAACTGAATAAGCAGAAAACCTGCATGCTCTGACAGTCTTAGAGAT [300]

[310 320 330 340 350]
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Tonatia TCCCAAGATGTTCTTGGATAACACGGAATAGCAGCATAACAGAAAGTTAA [335]
 Myotis TCCCAAGATGTGCCTTGGATAACACGGAGCAGTAGCATAACAGAAAGTTAA [335]
 Tadarida TCCCAAGATGTTCTTGGATAACACGGAGTAGTAGCATAACAGAAAGTTAA [335]
 Taphozous TCCCAAGATGTCCCTTGGATAACAGGGAATAGTAGCATAACAGAAAGTTAG [335]
 Megaderma TCCCAAGACGTTCTTGGATAACACGTAATAGTAGCATAACAGAAAGTTAA [350]
 Cynopterus TCCCAAGATATTCTTGGATAACACGGAATAGTAGCATAACAGAAAGTTAA [350]
 Pteropus TCTCAAGATATTCTTGGATAACACGGAATAGTAGCATAACAGAAAGTTAA [347]
 Hipposideros TCCCAAGTTGTTGCATGGATAACACAGAATAGTAGCATAACAGAAAGTTAA [350]

Cat	TCCAAGATGTACCTTGGATAAACTGAATAGTAGCATACAGAAAGTTAA	[347]
Human	ACTGAAGATGTTCCCTTGGATAAACTAAATAGCAGCATTTCAGAAAGTTAA	[350]
Mouse	ACCACCGATGTTCCCTTGGATAAACTAAATAGCAGCGTTTCAGAAAGTTAA	[350]
Flyinglemur	ACCCAAGATGTTCCCTTGGATAAACTAAACAGCAGCATTTCAGAAAGTTAA	[350]
NycterisG	TCCAAGATGTTCCCTTGGATAGCAAAGAATAGTAGCATACAGAAAGTTAA	[335]
Antrozous	TCCAAGATGTGCCTTGGATAACACGAGCAGTAGCATACAGAAAGTTAA	[335]
Rhogeessa	TCCAAGATGTGCCTTGGATAACACGAGCAGTAGCATACAGAAAGTTAA	[335]
Noctilio	TCCAAGATGTGCCTTGGATAACACGAGCAGTAGCATACAGAAAGTTAA	[335]
Natalus	TCCAAGATGTTCCCTTGGATAACACGGAATAGTAGCATACAGAAAGTTAA	[335]
Rhinolophus	TCCAAGATGTTCCGTTGGATAGCACAGAATAGTAGCATACAGAAAGTTAA	[350]
Rousettus	TCTCAAGATATTTCTTGGATAACACGGAATAGTAGCATACAGAAAGTTAA	[350]
NycterisT	TCCAAGATGTTCCCTTGGATAGCAAAGAATAGTAGCATTTCAGAAAGTTAA	[335]
Nyctimene	TCCCAAAATATTTCTTGGATAACACGGAATAGTAGCATACAGAAAGTTAA	[347]
Mole	TCCAAGTGTGCCTTGGATAAACTGAACAGTAGCATTTCGAAAGTTAA	[350]
Horse	TCCAAGATGTTCCCTTGGATAAACTGAATAGTAGCATACAGAAAGTTAA	[350]
Desmodus	TCCAAGATGTTCCCTTGGATAGCACGGAATAGCAGCATACAGAAAGTTAA	[335]
Rhinopoma	TCCAAGATGTTTCTTGGATAACACGGAATAGTAGCATACAGAAAGTTAA	[350]
Emballonura	TCCAAGATGTTCCCTTGGATAACAAAGAATAGTAGCATACAAAGTTAA	[335]
Cow	TCCAAGATGTTCCCTTGGATAACCTTGAATAATAGCATACAGAAAGTTAA	[350]
Pangolin	TCTCAAGACGTTCCCTTGGATAAACTAAATAGTAGCATACAGAAAGTTAA	[350]
Whale	TCCAAGATGTTCCCTTGGATAACAGTGAATAGTCGCATACAGAAAGTTAA	[350]

[360 370 380 390 400]
[.]

Tonatia	TGAGTGGTTTTCCAGACGTGATGAAACACGGACTTCCAACGGCTCCCACG	[385]
Myotis	TGAGTGGTTTTCCAGGCGTGATGAAATACTAATTCTGATGGCTCACATA	[385]
Tadarida	TGAGTGGTTCTCCAGACGTGATGAAATACTAATTCTGGTGGCTCACATA	[385]
Taphozous	TGAGTGGTTTTCCAGGCGTGATGAAATATTAATTCTGATGGATCACATG	[385]
Megaderma	TGAGTGGTTTTCCAGACGTGATGAAATACTAATTCTCATGGTTCACATG	[400]
Cynopterus	TGAGTGGTTTTCCAGACGTGATGAAACATTAATTCTGATGTCTTACTTG	[400]
Pteropus	TGAGTGGTTTTCCAGACGTGATGAAATATTAATTCTGATGTCTCACCTG	[397]
Hipposideros	TGAGTGGTTTTCCAGACGTGATGAAATATTAATTCTCATAGCTCATGTT	[400]
Cat	TGAGTGGTTTTCCAGAAGTGATGAAATGTTAATTCTGATGACTCACATG	[397]
Human	TGAGTGGTTTTCCAGAAGTGATGAACGTGTTAGTTCGATGACTCACATG	[400]
Mouse	TGAGTGGTTTTCCAGAAGTGGTGAATGTTAATTCTGACAGCGCATCTG	[400]
Flyinglemur	TGAGTGGTTTTCCAGAAGTGATGAAATTTAGCTTCTGATGACTCACGTG	[400]
NycterisG	TGAGTGGTTTTCCAGGAGTGATGAAATATTAATTCTGATGGCTCACACG	[385]
Antrozous	TGAGTGGTTTTCCAGACGTGATGAAATACCAACTACTGATGGCTCACATG	[385]
Rhogeessa	TGAGTGGTTTTCCAGACGTGATGAAATACCAACTACTGAGGGCTCACATG	[385]
Noctilio	TGAGTGGTTTTCCAGACGTGATGAAATACCAACTACTGAGGGCTCACATG	[385]
Natalus	TGAGTGGTTTTCCAGACGTGATGAAATATTAATTCTGATGGCTCACATA	[385]
Rhinolophus	TGAGTGGTTTTCCAGACATGATGAAATAGTAACGTCTCATGGCTCACGTG	[400]
Rousettus	TGAGTGGTTTTCCAGACGTGATGAAATATTAATTCTGATGTCTCACCTG	[400]
NycterisT	TGAGTGGTTTTCCAGGAGTGATGAAATATTAATTCTGATGGCTCACACG	[385]
Nyctimene	TGAGTGGTTTTCCAGACGTGATGAAATATTAATTCTGATGTCTCACCTG	[397]
Mole	TGAGTGGTTTTCCAGAAGTGATGAAATATTAATTCTGATGAATCTCGTG	[400]
Horse	TGAGTGGTTTTCCAGAAGTGAGGAAATGTTAATTCTGATGACTCATGTG	[400]
Desmodus	TGAGTGGTTTTCCAGGCGTGATGAAATGTTTCACTTCTGAGGGCTCACATG	[385]
Rhinopoma	TGAGTGGTTTTCCAGACGTGATGGTTTTCCAATTCTCTGGCTCATATG	[400]
Emballonura	TGAGTGGTTTTCCAGACATGATGAAACATTAATTCTGATGGATCACATG	[385]
Cow	TGAGTGGTTTTCCAGAAGTGATGAAATATTAATTCTGATGACTCGTGGC	[400]
Pangolin	TGAGTGGTTTTCCAGAAGTGATGAAATGTTAATTCTGATGATCCATGTG	[400]
Whale	TGAATGGTTTTCCAGAAGTGATGAAATGTTAATTCTAACGACTCACGTG	[400]

[410 420 430 440 450]
[.]

Tonatia	GTGGGAGGCTGAGTCAGACACGGAAGGAGCCGACACGGTAGAAGCTCCG	[435]
Myotis	ATGGCAAGTCTGAGTCAAATGCTGAAGTAGCTGGTGCAGTGAAGTTGCA	[435]
Tadarida	ACGGTAGATTTGAATCAAATGTTGAAGTAGCTGGTGCAGTAGAAGTTCCA	[435]
Taphozous	ATGGGAGATCTGAATCAAATATGGAAGTAGCTGGTGCAGTAGAAGTTCCA	[435]
Megaderma	ATGGGACAGGTGGATCAAATACAGAAGAAGCTGGTGCAGCAGAAATCTA	[450]
Cynopterus	ATGAGAGTCTGAATCAAATGTG-----GTAGAAGTTCCA	[435]
Pteropus	ATGGGAGTCTGAATCAAATGTG-----GTAGAAGTTCCA	[432]
Hipposideros	ATGGGAGAGCTGAATCAAATACAGAAGTATCTGGTGCAGTAGAAGTTCCA	[450]
Cat	ATGAGGGATCTGAATCGAATCCTGGAGTAGCTGGTGC---GAAGTTCCA	[444]
Human	ATGGGAGTCTGAATCAAATGCCAAAGTAGCTGATGTATTGGACGTTCTA	[450]
Mouse	CCAGGAGGCACGAGTCAAATGCTGAAGCAGCTGTTGTGTTGAAGTTTCA	[450]
Flyinglemur	ACAGGGTGTCTGAATCAAATGCCAAAGTAGCTGGTGCATTAGAAGTTCCA	[450]
NycterisG	ATAGGAGTCTGAGTCAAATATGGAAGCAGCTGGTGCAGTAGAAGTTCCA	[435]
Antrozous	ATGGGAAGTCTGAGTCAAATGTGGACGTAGCTGGTGCAGTGAAGTTCCA	[435]
Rhogeessa	ATGGGAAGTCTGAGTCAGATGTTGATGTAGCTGGTGCAGTGAAGTTCCA	[435]

Noctilio	ATGGGAAGTCTGAGT	CAGATGTTGATGTAGCTGGTGCAGTGAAGTTCCA	[435]
Natalus	GTGGGAGGGCTGAATCAAATGTTGAAGTAGCTGGTGCAGTACAAGTTCCA	[435]	
Rhinolophus	ATGGAAGAGCTGAATCAGATACAGAAGTAGCTGGTGCA---GAAGTTCCA	[447]	
Rousettus	ATGGGAGGTCTGAATCAAATGTG-----GTAGAAGTTCCA	[435]	
NycterisT	ATAGGAGGTCTGAGTCAAATATGGAAGTAGCTGGTGCAGTAGAAGTTCCA	[435]	
Nyctimene	ATGAGAAGTCTGAATCAAATGTG-----GTAGAAGTTCCA	[432]	
Mole	ATGGGAGTCCCCATCAAATATGAAATGACTGGTGAAGTAGAAGTTCCA	[450]	
Horse	ACGGAGGGCCTGAATCAAATACAGAAGTAGCTGGTGCAGTAGAAGTTCCA	[450]	
Desmodus	ATGGGAGGCCTGAATCAAATATGGAAGTAGCTGATCGGTTAGAAGTTCCG	[435]	
Rhinopoma	ATGGGAGGGCTGAATCAAATACAGACATAGCTGGTGCAGTAGAAGTTCCA	[450]	
Emballonura	TTGGGAGTCTTACTCAAATATGGAAGTAGCTGCTGCAGTAGAAGTTCCA	[435]	
Cow	ATGGGGGGTYTGAATCAAATAATGAAGTAGCTGGTGCAGTGAAGTTCCA	[450]	
Pangolin	ATGGGAGGTCTGAATCAAATACTGAAGTAGCTGGTGCAGTAGAAGTTCCA	[450]	
Whale	ATGGGGGATTTGAATCAAACACTGAAGTAGCTTGTGCAGTGAAGTTCCA	[450]	

[460 470 480 490 500]
[.]

Tonatia	GACGAAGTGCCTGGATGCCCTGGCTCTCCAGAGAACACAGCCTCGCCGGC	[485]
Myotis	AATGAAGTAGATGGGTATTCTGGTCTCCAGGAAAATAACCTTAATGGC	[485]
Tadarida	AATGAAGTAGATGGATATTCTGGTCTCCAGAGAAAATAGCCTTAATGGC	[485]
Taphozous	TATGAAGTAGATGGATATTCTGATTCTCCAGAGAAAATAGCCTTAATGGC	[485]
Megaderma	AATGAAGTAGATGGATATTCTGGTCTTCCAGAGAAAATAGCTTTAATGGC	[500]
Cynopterus	AATGAAGTAGATGGATACTCTGGTGTCTCAGAGGAAAATAGCCTTAAGGC	[485]
Pteropus	AATGAAGTAGATGGATACTCTGGTGTCTCAGAGAAAATAGCTTTAAGGC	[482]
Hipposideros	CTTGAAGTAGATGGATTCTGGCTCTACAGAGAAAATAACCTTAATGAC	[500]
Cat	AATGTAGTGGATGGATATTCTGGTCTTCTGAGAAAATAGACTTAATGGC	[494]
Human	AATGAGGTAGATGAATATTCTGGTCTTCCAGAGAAAATAGACTTACTGGC	[500]
Mouse	AACGAAGTGGATGGGGTTTTGTAGTCTTCAAGGAAAACAGACTTAGTAAC	[500]
Flyinglemur	AATGATGTAGATGGATATTCTGATTCTTCCAGAGAAAATAGCTTTAATGGC	[500]
NycterisG	AACAAAGTAGATAAATATTCTGGTCTTCCAGAGAAAACAACCTTAATGGC	[485]
Antrozous	AATGAAGTAGATGGGTATGCTGGTCTCCAGGAAAATAAACTTAAGGGC	[485]
Rhogeessa	AACGAAGTAGATGGGTATTCTGGTCTTCCAGAGAAAATAAACTTAATGGC	[485]
Noctilio	AACGAAGTAGATGGGTATTCTGGTCTTCCAGAGAAAATAAACTTAATGGC	[485]
Natalus	AATGAAATAGATGGATATCCAGTCTCCAGAGAAAATAGCCTTAATAGC	[485]
Rhinolophus	AATGAAGTAGTGGATATTCTGCTTCTTCCAGAGAAAATAGCCTTAATGAC	[497]
Rousettus	AATGAAGTAGATGGATACTCTGGTGTCTCAGAGAAAATAGCTTTAAGGC	[485]
NycterisT	AACAAAGTAGATGAATATTCTGGTCTTCCAGAGAAAACAACCTTAATCCC	[485]
Nyctimene	AATGAAGTAGATGGATACTCTGATGTCTCAGAGAAAATAGCTTTAAGGC	[482]
Mole	AACACAGTAGATGGATTTTCTGGTCTTCCAGAGAAAATAGACTTAATGGC	[500]
Horse	AATGAAGTAGATGGATACTCTGGTCTTCCAGAGAAAATAGACTTAATGGC	[500]
Desmodus	AACGAAGGAGGTGTATATCCTGGTCTTCCAGAGAAAATAGCCTCACTGTC	[485]
Rhinopoma	AATGAAATAGATGGATATTCTGGTCTTCCAGAGAAAATAGCCTTAATGTC	[500]
Emballonura	AATGA---AGATGGATATTCTGGTCTTCCAGATAAAAATAGCCTTAATGGC	[482]
Cow	AATGAAGTAGATGGATATTCTGGTCTTCCAGAGAAAATCAACTTAATGGC	[500]
Pangolin	AATGAAGTAGATGAAAATTTGGTCTTCCAGAGAAAAAGACTTAATGGC	[500]
Whale	AAGGAAGTTGATGGATATTTGGGTTCTTCCAGAGAAAATAGACTTAATGGC	[500]

[510 520 530 540 550]
[.]

Tonatia	CGGCGAGCCTCATGGCGCTTTAATGTGCGGAAGTGAAGCGTCCACTCCA	[535]
Myotis	CCATGATCCTCATGGTGTCTTAACTGTGAAAGTGAAGAGTTCACTCCA	[535]
Tadarida	CTGTGATCCTCCTGATGCTTTAATATGTGAA-----AGAGTCTCCTCTA	[529]
Taphozous	CAGTGATCCTCTTGGTGTCTTACTATGTGAAAGTGAAGAAATCCACTCCA	[535]
Megaderma	CAGTGATCCTCCTGGTGTCTTCAATTTGTGAAAGTGAAGAGTCTACTCCA	[550]
Cynopterus	CAGTGATCCTCATGGTGTCTTAAATATGTGAA-----AGAGTCTACTCCA	[529]
Pteropus	CAATGATCCTCATGGTGTCTTAAATGTGCGAA-----AGAGTCTACTCCA	[526]
Hipposideros	CAGTGATCCTCATGATGCTGTAATATGTGAAAGTGAAGAGTCCACTCCA	[550]
Cat	CAGTGATCCTCATGATGCTTTGATATGTGAAAGTGAAGAGTTCACACCA	[544]
Human	CAGTGATCCTCATGAGGCTTTAATATGTAAAAGTGAAGAGTTCACTCCA	[550]
Mouse	CCCCGACCCCATCATACTTTAATGTGTAAGTGAAGAGACTTCTCCA	[550]
Flyinglemur	CAGTGATCCTCATGATGCTTTAATATGTAAAAGTGAAGAAATCCACTCCA	[550]
NycterisG	CAGTGATCCTCATGGTATTTTAAATATGTGAAAGTGAAGAGTCCACTCCA	[535]
Antrozous	CCCTGATCCTCGTGGTGTCTTAAATGTGTGAAAGTGAAGAGTTCACTCCA	[535]
Rhogeessa	CCCTGATCCTCATGGTGTCTTAAATGTGTGAGAGTGAAGAGTTCACTCCA	[535]
Noctilio	CCCTGATCCTCATGGTGTCTTAAATGTGTGAGAGTGAAGAGTTCACTCCA	[535]
Natalus	CCATGACCTCATGGTAGTTAATATGTAAAAGTGAAGAGTTTACTCCA	[535]
Rhinolophus	CAGTGACCTTCTATGATGTGTTGCTATGTGAAAGTGAAGAGTCCACTCCA	[547]
Rousettus	CAATGATCCTCATGGTGTCTTAAATATGTGAA-----AGAGTCCACTACA	[529]
NycterisT	CAGTGATCCTGATGGTACTTTAATATGTGAAAGTGAAGAGTCTACTCCA	[535]
Nyctimene	CAGTGATCCTCATGGTGCATTAACATGTGAA-----AGAGTCTACTCCA	[526]
Mole	CAGCGATCCTCCC---GCTTTAATGTGTAAAAGTGAAGAGTCCGCACCA	[547]

Horse	CGGTGATCCTTCTAGTGCTTTAATATGTGAAAGTGAAGAGTCCGCTCCA	[550]
Desmodus	CAGTGAGCCTCATGGTACTGTAATATGTGAAAGCGAAAGAGTCCACTCCA	[535]
Rhinopoma	CAGTGATCCTCATCATGCTTTAATATGTGAAAATGAAAGAGTCCGCTCCA	[550]
Emballonura	CAGTGATCCTCACAGTGCTTTAATATGTGAAAGTGAAGAGTCCACTCCA	[532]
Cow	CAGTGATCCTCATGGTACTTTAATACACGAA-----AGAGTCCACTCCA	[544]
Pangolin	CAGTGATCCTCATGATGCTTTAATACGTGAAAGTAAAAGAGGCCACTCCA	[550]
Whale	CAGTGATCCTCATGGTGTCTTTAATACGTGAAAGTGAAGAGTCCACTCCA	[550]

[	560	570	580	590	600]
[.]

Tonatia	AACCAGTGGAGAGTAATATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[585]
Myotis	AACCAGTAGAAAGTAATATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[585]
Tadarida	AACCAGTAGAAAGTAATATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[579]
Taphozous	AACCAGTAGAAAGTAATATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[585]
Megaderma	AACCAGTAGAAAGTAATATTGAAGATAAAAATATTTGGGAAAACCTACAGG	[600]
Cynopterus	AATTTGATAGAAAGTAATATTGAAGATAAAAATATTTGGGAAAACATATCGG	[579]
Pteropus	AACTGGTAGAAAGTAATATTGAAGATAAAAATATTTGGGAAAACATATCGG	[576]
Hipposideros	AACCATTGGAAAGTACTATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[600]
Cat	AACCAGTAGAGAGTAATATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[594]
Human	AATCAGTAGAGAGTAATATTGAAGACAAAATATTTGGGAAAACCTATCGG	[600]
Mouse	AACCAGTAGAGGATAATATCAGTGATAAAAATATTTGGGAAAATCCTATCAG	[600]
Flyinglemur	GACCAGTAGAGAGTAATATCAAAGATAAAAATATTTGGGAAAACCTATCAG	[600]
NycterisG	AACCAGTAGAAAGCAATATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[585]
Antrozous	AACCATTGCAAGTAATATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[585]
Rhogeessa	AACCAGTAGAAAGTAATATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[585]
Noctilio	AACCAGTAGAAAGTAATATTGAAGATAAAAATATTTGGGAAAACCTTTCCG	[585]
Natalus	AACCAGTAGAAAGTAACATTGAAGATAAAAATATTTGGGAAAACCTACCGG	[585]
Rhinolophus	AACCAGTGGAAACTACTATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[597]
Rousettus	AACTGGTAGAAAGTAATATTGAAGATAAAAATATTTGGGAAAACATATCAC	[579]
NycterisT	AACCAGTAGAAAGCAGTATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[585]
Nyctimene	AACAGGTAGAAAGTAATATTGAAGATAAAAATATTTGGGAAAACATATCGG	[576]
Mole	AACCAGTAGAAAGTAATATTGAAGATAAGATAATTTGGGAAAACCTATCGG	[597]
Horse	AACCAGTAGAGATAATATTGAAGATAAGATAATTTGGGAAAACCTATCGG	[600]
Desmodus	AACCAGTAGAAAGTAATATCGAAGATAAGATAATTTGGGAAAACCTATCGG	[585]
Rhinopoma	AACCAGTAGAAAGTACTATTGAAGATAAAAATATTTGGGAAAACCTATCAG	[600]
Emballonura	AACCAGTAGAAAGTAATATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[582]
Cow	AACCCGTAGAGAGTAATATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[594]
Pangolin	AACCAGTAGAGAGTAATACTGAAGATAAAAATATTTGGGAAAACCTATCGG	[600]
Whale	AACCAGTAGAGAGTAATATTGAAGATAAAAATATTTGGGAAAACCTATCGG	[600]

[	610	620	630	640	650]
[.]

Tonatia	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACGTAAGTACAGGCTAACTAC	[635]
Myotis	AGGAAGGCAAGCCTCCCAAACTTGGAGCCACATAACTAAAAATCTAATTGT	[635]
Tadarida	AGAAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAAGTGAAAAATCTAATTAT	[629]
Taphozous	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTAT	[635]
Megaderma	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACAGAGCTGAAAAATCTAATTAT	[650]
Cynopterus	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTAC	[629]
Pteropus	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTAC	[626]
Hipposideros	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTAT	[650]
Cat	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAAGTGAAGATCTCATTAT	[644]
Human	AAGAAGGCAAGCCTCCCAAACTTAAAGCCATGTAAGTGAAGATCTAATTAT	[650]
Mouse	AGAAAGGCAAGCCTCCCTAAGCTTGGAGCCACGTAAGTGAAGATCTAATTAT	[644]
Flyinglemur	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACGTAAGTGAAGATCTAATTAT	[650]
NycterisG	AGGAAGGCAAGCCTCCCTAAGCTTAAAGTCATATAACTGAAAAATCTAATTAG	[635]
Antrozous	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTAT	[635]
Rhogeessa	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTAT	[635]
Noctilio	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTAT	[635]
Natalus	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTAT	[635]
Rhinolophus	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTGT	[647]
Rousettus	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTAC	[629]
NycterisT	AGGAAGGCAAGCCTCCCTAAGCTTAAAGCCATATAACTAAAAATCTAATTAG	[635]
Nyctimene	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTAC	[626]
Mole	AGGAAGGCAAGCCTCCCAAACTTGGAGCCACGTTGGCTGAATATTTAATTAC	[647]
Horse	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAGATCTAATTAT	[650]
Desmodus	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTGT	[635]
Rhinopoma	AGAAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAAATCTAATTAT	[650]
Emballonura	AGGAAGGCAAGCCTCCCTAAGCTTAAAGCCGATAACTGAAAGCCTAATTAG	[632]
Cow	AGGAAGGCAAGCTCCCTAAGCTTGGAGCCACATAACTGAAAGATCTAATTCT	[644]
Pangolin	AAGAAGGCAAGCTTCTCTCACTTGGAGCCACGTAAGTGAAGATCTAATTAT	[650]
Whale	AGGAAGGCAAGCCTCCCTAAGCTTGGAGCCACATAACTGAAAGATCTAATTAT	[650]

[	660	670	680	690	700]	
[.]
Tonatia	GGGACTGTCCGCTCCAGACCCTCAGATAACACGAGAGCGTCCCTTCACCA					[685]
Myotis	AGGAGCATCTGCTATAGAACCCTCAGATAGCACAAAGAGTGTCCCTCACAA					[685]
Tadarida	AGGAGCATCTGCTATAGAACCCTCAGATAACCAAAAGATGTCCCTCACAA					[679]
Taphozous	AGGAGCACCTACTATACAATCTCAGATAACCAAAAATTGTCCCTCACAG					[685]
Megaderma	AGGAGCATCTGCTGTAGAACCCTCAGATAATACAAGAGTGTCTCCTCATAA					[700]
Cynopterus	AAGAGCATCTGCTACAGAACCCTCAGATAACCAAAAGAGTGTCCCTCACAA					[679]
Pteropus	AGGAGCATCTGCTATAGAACCCTCAGATAACCAAAAGAGTATCCCTCACAA					[676]
Hipposideros	AGGAGCATCTGCTGTAGAACCCTCAGATAACCAAAAGAGTGTCCCTCACAA					[700]
Cat	AGGAGCATGTGCTATAGAACCCTCAGATAACGCAAGCCTATCCCTCACAA					[694]
Human	AGGAGCATTTGTTACTGAGCCACAGATAATACAAGAGCGTCCCTCACAA					[700]
Mouse	AGGCACATTTATTACAGAACCACAGATAACCAAAAGAGCAGCCCTTCACAA					[694]
Flyinglemur	AGGAGCATTTGTTACTGAGCCACAGATAACCAAAAGAGCGTCCCTCACAA					[700]
NycterisG	AGTAACATCTGCTATAGAACCCTCAGGTAGTACAAAAGTGTCTGTACAAA					[685]
Antrozous	AGGAGCGTCTGCTATAGAACCCTCAGATAACCAAAAGAGTGTCCCTCAAAA					[685]
Rhogeessa	AGGAGCATCTGCTATAGAACCCTCAGATAACCAAAAAGTGTCCCTCAAAA					[685]
Noctilio	??					[685]
Natalus	AGGAGCATCTGCTATAGAACCCTCAGATAACCAAAAGAGTATCCCTCACAA					[685]
Rhinolophus	AGGAGCATCTGCTGTAGAACCCTCAGGTAAACCAAAAGAGTGTCCCTCACAA					[697]
Rousettus	AGGAGCATCTGCTATAGAACCCTCAGATAACCAAAAGAGTATCCCTCACAA					[679]
NycterisT	AGTAACATCTGCTATAGAACCCTCAGGTAGTACAAAAGGCTCTCTCACAA					[685]
Nyctimene	AGGAGCATCTGCTATAGAACCCTCAGATAACCAAAAGATATCCCTCACAA					[676]
Mole	AGGAGCATCTGTACAGAACCCTCAGATAAGTTCAAGAGCGTCCCTCACAA					[697]
Horse	AGGGGCATCTGCTATAGAACCCTCAGATTACCAAAAGAGCGTCCACTCACAA					[700]
Desmodus	AGGAGCATCTGCCCCAGAGCCTTGGATAACCAAAAGAGCGTCCCTCACAA					[685]
Rhinopoma	AGGAACATCTGCTATAGAACCCTCAGATAACCAAAAGAGTGTCCCTCACAA					[700]
Emballonura	AGGAGCATCTGTTATAGAACCCTCAAAATAACAAAAGATGTCCCTCACAA					[682]
Cow	AGGCGCATTTACTGTAGAACCCTCAGATAACCAAAAGAGCAGCCCTCACAA					[694]
Pangolin	TGGAGCATTTGCAGTAGAACCTCAGATAACCAAAAGAGCGTCCCTCAGAA					[700]
Whale	AGGAGCATCTACTGTAGAACCCTCAGATAACCAAAAGAGCGCCCTCACAA					[700]

[	710	720	730	740	750]	
[.]
Tonatia	ACAAACTAAAGCGTAAAAGGAGAAGTACACCGGGCCTTCACCCAGAGGAT					[735]
Myotis	ATAAACTAAAGCGTAAAAGGAGAAGTACATC?GGCCTTCATCCTGAGGAT					[735]
Tadarida	ATAAACTAAAGCGTAAAAGAAGA---ACATCAAGCCTTCATCCTGAGGAT					[726]
Taphozous	ATAAACTAAAGCATAAAAGAAGAACTACATCAGGCCTTCGTCTGAGGAT					[735]
Megaderma	ATAAACTAAAGCGTAAAAGGAGAAGTACATCAGCCCTCCATCCTGAGGAT					[750]
Cynopterus	ATAAACTAAAGCGTAAAAGAAGAACTACATCAGGCCTTCATCCTGAGGAT					[729]
Pteropus	ATAAACTAAAGCGTAAAAGGAGAAGTACATCAGGCCTTCATCCTGAGGAT					[726]
Hipposideros	ACAAACTAAAGCGTAAAGGGGAACTACGTACAGGCCTTCATCCTGAGGAT					[750]
Cat	ATAAAACAAAGCGTAAAAGGAGATCTACCGCAGGCCTTCATCCTGAGGAT					[744]
Human	ATAAATTAAGCGTAAAAGGAGACCTACATCAGGCCTTCATCCTGAGGAT					[750]
Mouse	ATAAATTAAGCGTAAAGAGAAGT---ACATCC---CTTCAACCTGAGGAC					[738]
Flyinglemur	ATAAGGTAAGCCTAAAAGGAGAAGTACATCAGGCCTTCATCCTGAGGAT					[750]
NycterisG	GTAAACTAAAGCGTAAAAGGAGAAGTACATCAGGCCTTCATCCTGAGGAT					[735]
Antrozous	ATAAACTAAAGCGTAAAAGAAGAACTACATCAGGCCTTCATCCTGAGGAT					[735]
Rhogeessa	ATAAACTAAAGCATAAAAGGAGAAGTACATCAGGCCTTCATCCTGAGGAT					[735]
Noctilio	??					[735]
Natalus	ATAAACTAAAGCGTAAAAGGAAAAGTACGTACAGGCCTTGATCCTGAGGAT					[735]
Rhinolophus	ACAAACTGAGGCGTAAAGGAGAAGTACATCATGCCTGCATCCTGAGGAT					[747]
Rousettus	ATAAACTAAAGCGTAAAAGGAGAAGTACATCAGGCCTTCATCCTGAGGAT					[729]
NycterisT	GTAAACTAAAGCGTAAAAGGAGAAGTACATCAGGCCTTCACCTGAGGAT					[735]
Nyctimene	ATAAATTAAGCGTAAAAGGAGAAGTACATCAAGCCTTCATCCTGAGGAT					[726]
Mole	ATAGATTAAGCGTAAAAGGAGAAGTCTACCAGGCCTTTGTCTGAGGAT					[747]
Horse	ATAGAGTGAAGCATAAAAGGAGAAGTACATCAGGCCTTCATCCTGAGGAT					[750]
Desmodus	ATAAACTAAAGCGCAAGAGAAGTACCCAGGCCTTCAT---CCAGAGGAT					[732]
Rhinopoma	ATAAACTAAAGCGTAAAAGGAGAAGTACATCAGGCCTTCATCCTGAGGAT					[750]
Emballonura	ATAAACTGAAGCGTAAAAGGAGAAGTACATCAGGCCTTCATCCTGAGGAT					[732]
Cow	ATAAACTAAAATGTAAGGAGAGGTACATCAGGCCTTCAGCCTGAGGAT					[744]
Pangolin	ATAGAGTAAAGCGTAAAAGGAGAAGTACATCAGGCCTTCATCCTGAGGAT					[750]
Whale	ATAAACTAAAGCGTAAAAGGAGAAGTACATCAGGCCTTCATCCTGAGGAT					[750]

[	760	770	780	790	800]	
[.]
Tonatia	TTTATCAAGACAGTGGATTTGACCGTTGTCCAGAAGACTCCTGAGAAGAC					[785]
Myotis	TTTATTAAGAAAGTAGATTTGGCAGTTGTTCAAAGACTCCTGAAGAGAT					[785]
Tadarida	TTTATCAAGAAAGTAGATTTGGCAGTTGTTCAAAGACTCCTGAAAAGGT					[776]

Taphozous	TTTATCAAGAAGTAGATTTGGCAGCTGTTTCAGAAGACTCCTGAAAAGAT	[785]
Megaderma	TTTATCAAGAAAAGTAGATGTGGCAGTTGTTGAAAAGATTCTCGAGATAG	[800]
Cynopterus	TTTATCAAGAAAATAGATTTGACAACCTGTTCAAAAAACTTCTGAAAATAT	[779]
Pteropus	TTTATCAAGAAAATAGATTTGGCAGTTGTTTCAGAAAACCTCCGAAAACAT	[776]
Hipposideros	TTTATCAAGAAAAGTAGATTTGACAGTTGTTCAAAAAGACTCCTGAAAAGAT	[800]
Cat	TTTATCAAGAAAAGTAGATTTGGCCATTGTTCAAAAAGACTCCTGAAAAGCT	[794]
Human	TTTATCAAGAAAAGTAGATTTGGCA--GTTCAAAAAGACTCCTGAAAATGAT	[797]
Mouse	TTCATCAAGAAAAGCAGATTCAGCAGGTGTTCAAAGGACTCCTGACAACAT	[788]
Flyinglemur	TTTATCAAGAAAAGCAGACTTGGCAGTTGTTCAAAAAACTCCTGAAAAGAT	[800]
NycterisG	TTTATCAAGAAAAGTAGATTTGGCAGTTGTTGAAAGGACTCCTGAAAAGAT	[785]
Antrozous	TTTATCAAGAAAAGTAGATTTGGCAGTTGTTCAAAAAGACTCCTGAAAGAT	[785]
Rhogeessa	TTTATCAAGAAAAGTAGATTTGGCAGTTGTTCAAAGGACTCCTGAAGAGAT	[785]
Noctilio	?????????????????????????????????GTTTCAGAAGACTCCTGAAAAGAT	[785]
Natalus	TTTATCAAGAAAAGTAGATTTGGCAGTTGTTCAAAGGACTCCTGAAAAGAT	[785]
Rhinolophus	TTTATCAAGAAAAGTAGATTTAGAAGTTGTTCAAAAAGACTCCTGAAAAGAT	[797]
Rousettus	TTTATCAAAAAATAGATTTGGCAATTGTTCAAAAAACTCCTGAAAACAT	[779]
NycterisT	TTTATCAAGAAAAGTAGATTTGGCAGTTGTTCAAAAAGACTCCTGAAAAGAT	[785]
Nyctimene	TTTATCAAGAAAATAGATTTGGCAATTGGCCAAAAAACTTCTGAAAACGT	[776]
Mole	TTTATCAAGAAAAGTAGATTTGGAAAGTTGTTTCAGAACACCCCTGAAAAGAT	[797]
Horse	TTTATCAAGAAAAGTAGATTTGGCAGTTGTTCAAAAAGACTCCTGAAAAGAT	[800]
Desmodus	TTTATCAAGAAAAGTAGATCTGCAGTTGATCAAAGGCTCCTGAAAAGAT	[782]
Rhinopoma	TTTATCAAGAAAATAGATTTGGCAATTGTTCAAAAAGACTCCTGAAAAGAT	[800]
Emballonura	TTTATCAAGAAGTAGAATTGGCAGTTGTTCAAAGGACTCCTGAAAAGAT	[782]
Cow	TTTATCAAGAAAAGTCGATTTGACAATTGTTCAAAAAGACTCCTGAAAAGAT	[794]
Pangolin	TTTATCAAGAAAAGTAGATTTGGAAAGTTGTTCAAAAAGACTCCTGAAAAGAT	[800]
Whale	TTTATCAAGAAAAGTCGATTTGGCAGTTATTGCAAAAGACTCCTGAAAAAAT	[800]

[810 820 830 840 850]
[.]

Tonatia	CATTGAGGGAAC TGACCAAACAGAACAGAACGGTCGTGTGATGGATATTG	[835]
Myotis	AAATTAAGGGAAC TGACCGAATAGAACAGAATGGTCATGAGATGAATATTA	[835]
Tadarida	AAATGAGGGAAC TGACCAAATAGAACAGAATGGTCATGTGATGAGTATTA	[826]
Taphozous	AAATGAGGGAAC TGATCAAACAGAACAGAATGGTTCTGTGATGAATATTA	[835]
Megaderma	AATCAAGGGAAC TGACCAAATAGAGCAGCATGGTCATGTGATGAATATTA	[850]
Cynopterus	AAATGAGGGAAC TGACCAAATAGAGCAGAATGGTCATGTGATGAATAGTT	[829]
Pteropus	AAATGAGGGAAC TGACCAAATAGAGCAGAATGGTCATGTGATGAATAGTA	[826]
Hipposideros	AAATGAGGGAAC TGACCAAACAGAACAGAATGGTCATGTGATGAACATTA	[850]
Cat	AAATGAGGGAAC CGATCGAATAGGGCAAAATGGCCATGTGATGAATAGAA	[844]
Human	AAATCAGGGAAC TAACCAAACGGAGCAGAATGGTCAAGTGTGATGAATATTA	[847]
Mouse	AAATCAGGGAAC TGACCTAATGGAGCCAAATGAGCAAGCAGTGAGTACTA	[838]
Flyinglemur	AAATCAGGGAAC TGACCAAATGGAGCAGAATGATCGAGTGTGATGAATATTA	[850]
NycterisG	AAATGAGGGAAC TGACCAAATAGAAAACAATGGTCATGTGATAAATATTA	[835]
Antrozous	AAATGAGGGAAC CGACCGAATAGAACAGAATGGTCATGAGATGAATATTA	[835]
Rhogeessa	AAATGAGGGAAC CCGACCGAATAGAACAGAATGGTCATGAGATGAATATTA	[835]
Noctilio	AAATGAGGGAAC TGACCAAATAGAACAAAATGGTCATGTGATATCCATTA	[835]
Natalus	AATAGAGGGAAC TGACCGAATAGAACAGGATGGTCATGTGATGAATATTA	[835]
Rhinolophus	AAATGAGGGAAC TGACCAAACAGAGCAGAATGGTCACGTGATGAATATTA	[847]
Rousettus	AAATGAGGGAAC TGACCAAATAGAGCAGAATGGTCATGTGATGAATAGTA	[829]
NycterisT	AAATGAGGGAAC TGACCAAATAGAAAACAATGGTCATGTGATAAATATTA	[835]
Nyctimene	AAATGAGGGAAC TGACCAAATAGAACAGAATAGTCATGTGATGAATAGTA	[826]
Mole	AAGTCGGGAAC TGATCAAATGGATCAGAGTGGTCAAGTGTGATGATGTTG	[847]
Horse	AAATGAGGGAAC TGACCAAATAGAGCAGAACAGTCATGTGATGAATATTA	[850]
Desmodus	AAATGAGGGAAC TGACCAAATAGAACAGAATGGTCGTGTGATGGATATTA	[832]
Rhinopoma	AAATGAGGGAAC TGACCAAATAGAGCAGAATGGTCACGTGATGAATATTA	[850]
Emballonura	CATTGAGGGAAC TGACCAAACAGAACAGAATGGTCATGTGATGAATGTTA	[832]
Cow	GACGGAGGGAAC TGACCAAACAGAGCAGAAATGTGATGGGATGAATATTA	[844]
Pangolin	AAATGAGGGAAC CGACCAAATAGAGCAGAATGCTCTTCTGTGATGAATAGAA	[850]
Whale	AACTGAGGGAAC TGACCAAACAGAGCAGAATGGTCATGGGATGCATGTTA	[850]

[860 870 880 890 900]
[.]

Tonatia	CTAACAGTGGTCACGGGAATGAAGCAAAGGTGATTATGTTTCAGAATGAG	[885]
Myotis	CTAATAATGATCATGAGAATGAAAACAAAAGGTGATTGTGTTTCAGAAAGAG	[885]
Tadarida	CTAGTAATGTGTCATGAGAATAAAACAAAAGGTGATTATGTTTCAGAAAGAG	[876]
Taphozous	CTGATAATGGTCATGAGGATGAAACAAAATGTGATTATGGTCAGAAAGAG	[885]
Megaderma	CTAATTAATGGTCATGAGAATGAAACAAAAT-----	[879]
Cynopterus	CTAATGATGGTCATGAGAATGAAACAAAAGGTGATTATGTTTCAGAAGAAG	[879]
Pteropus	CTAATAATGGTCATGAGAATGAAACAAAAGGTGATTATGTTTCAGAAGAAG	[876]
Hipposideros	CTGATAATGGTCATGGGAATGAAACAAAAGGTGATTATGTTTCAGAAGAAG	[900]
Cat	CAATAATGGTCTGAGAATGGGACAAAAGGTGATTATGTTTCAGAAAGAG	[894]
Human	CTAATAGTGGTCATGAGAATAAAACAAAAGGTGATTCTATTTCAGAATGAG	[897]

Mouse	CCAGTAACTGTCAGGAGAACAAAATAGCAGGTAGTAATCTCCAGAAAGAG	[888]
Flyinglemur	TTAATAGTGGTCATGAGAATGAAACAAAAGGATGATTATGTTTCAGAAAGAG	[900]
NycterisG	CTAATAATGGTCGTGAGAATGAAACAAAACGGTGATTATGTTTCAGAAAGAG	[885]
Antrozous	CTAATAATGGTCATGAGAATGAAACAAAAGGCGATTATGTGCAGAAAGAG	[885]
Rhogeessa	CTAATAATGGTCATGAGAATGAAACAAAAGGCGATTATGTTTCAGAAAGAG	[885]
Noctilio	CTAATAATAGTCAGGAAAATGAAACAAAAGGTGATTATGTTTCAGAAAGAG	[885]
Natalus	CTAATAATGGTCATGAGAATGAAACAAAAGGTCATCATGTTTCAGAAAGAG	[885]
Rhinolophus	CTAATAATGGTCATGGGAATGAAACGAAAGGTGATTATGTTTCAGAAAGAG	[897]
Rousettus	CTAATAATGGTCATGAGAATGAAACAAAAGGTGATTATGTTTCAGAAAGAG	[879]
NycterisT	CTAATAATGGTCGTGAGAATGAAACAAAAGGTGATTATGTTTCAGAAAGAG	[885]
Nyctimene	CTAATAATGGTCATGAGAATGAAACAAAAGGCGATTATGTTTCAGAAAGAG	[876]
Mole	CTTATAATGGTCATGGGAATGAAACAAAACGTGATTATGTTTCAGAAAGAG	[897]
Horse	CTCCTAATGGTCATGGGAATGAAACAAAAGGCGATTATGTTTCAGAAAGAG	[900]
Desmodus	CTGATAATGGTCATGGGAATGAAACAAAAGGCGACTGTGTTTCAGAAAGAG	[882]
Rhinopoma	CTAATAATGGTCATGAGACTGAAACAAAAGGTGATTATGTTTCAGAAAGAG	[900]
Emballonura	CTAATAACAGTCATGAGGATGAAACAAAAGGTGATTATGTTTCAGAAAGAG	[882]
Cow	CTAGTGATGGTCATGAGAATAAAACAAAACGTGATTATGTTTCAGAAAGAG	[894]
Pangolin	CAAATAACGGTCATAAGAATGAAACAAAAGGTGATTATGTTTCAGAAAGAG	[900]
Whale	CTAGTAATGGTCCTGAGACTGAAATGAAAGATGATTATGTTTCAGAAAGAG	[900]

[910 920 930 940 950]
[.]

Tonatia	AAGAGTTCTGACCCAACAGAATCACTGGGAGAAGAACCCGCTTTCAGAAC	[935]
Myotis	AAAAATGCTAACCTAACAGAATCACTGGAAAAAGAATCTGCGTTCACAAG	[935]
Tadarida	AAAAATCTAACCCAACAGAATCATTGGAAAAAGAATCTGCTTTCACAAC	[926]
Taphozous	AAAAATGCTAACCCAGCAGAATCATTGGAAAAAGAATCTGCTTTCAGAAC	[935]
Megaderma	-----GCTCACTCAACAGAATCACTGGACAAAAGAATCTGCTTTTAGAAC	[923]
Cynopterus	AAAAATACAAACCCAACAGAATCATTGGAAAAAGAATCTGCTTTCAGAAC	[929]
Pteropus	AAAAATACAAACCCAACAGAATCATTGGAAAAAGAATCTACTTTCAAAAC	[926]
Hipposideros	GATAATGCTAACCCAACAGAATCATTGGAAAAAGAATCTGCTTTCAGAAC	[950]
Cat	AAAAATGCTAAGCCAACAGAATCATTGGAAAAAGAATCTGCTTTTAGAAC	[944]
Human	AAAAATCCTAACCCAATAGAATCACTCGAAAAAGAATCTGCTTTCAAAAC	[947]
Mouse	AAAAGCGCTCATCCAATGAATCATTGAGAAAAGGAACCTGCTTCCACAGC	[938]
Flyinglemur	AAAAATGCTAACCCAACAGAATCATTGGAAAAAGAATCTGCTTTCAGAAC	[950]
NycterisG	AAAGACTAACCCAATAGAATCATTGGAAAAAGAATCTGCTTTCAGAAC	[935]
Antrozous	AAAATGCTCACCTAACAGAATCATTGGAAAAAGCATCTGCTTTCACAAC	[935]
Rhogeessa	AAAAATGCTAACCTAACAGAATCATTGGAAAAAGCATCTGCTTTCACAAC	[935]
Noctilio	AAAAATACTAACCGCAGCAGAATCATTGGAAAAAGAATCTACTTTTAGAAC	[935]
Natalus	AAAAACGCTAACCCAACAGAATCAATGGAAAAAGAACCTGCTTTCACAAC	[935]
Rhinolophus	AATGATGCTAACCCAACAGAATGTTGGAAAAAGAATCTGCTTTCAGAAAC	[947]
Rousettus	AAAAATACAAACCTAACAGAATCATTGGAAAAAGAATCTGCTTTCAAAAC	[929]
NycterisT	AAAAACACTAACCTCAATAGAGTCATTGGAAAAAGAATCTGCTTTCAGAAC	[935]
Nyctimene	AAAAATACAAACCCAACAGAATCATTGGAAAAAGAATCTGCTTTCAGAAC	[926]
Mole	AAAAGTGCTAACCCAGCGAATCTTTAGAAAAAGAATCTACTTTCAGAAT	[947]
Horse	AAAACGCTTACCTAACAGAATCATTGGAGACAGAATCTGCTTTCAGAAC	[950]
Desmodus	AAAAATGCTAACCCAACAGAATCACTGGGAAAAAGAATCTGCTTTCAGAAAC	[932]
Rhinopoma	AAAAATGCTAACCCAACAGAATCATTGGAAAAAGAATCTGCTTTCAGAAC	[950]
Emballonura	AAAAGTGCTAACCCAACAGAATCATTGGAAAAACACTCTGCTTTCAGAAC	[932]
Cow	CAAACGCTAACCCAGCAGAATCATTGGAAAAAGAATCTGTTTTCAGAAC	[944]
Pangolin	AAAAATGCTAACCCAACAGAATCATTGAAAAAGAACCTGCTTTCAGAAC	[950]
Whale	AAAAATGCTAACCTAACAGAGTCATTGGAAAAACAATCTGCTTTCAGAAC	[950]

[960 970 980 990 1000]
[.]

Tonatia	TAAAGCTGGACCTATAAGCAGCAGCATAAGCACCGTGGGACTAGAATTGA	[985]
Myotis	TAAAGCTGAACCTATAAGCAGCAGCATAAGCAATATGGAAC TAGAATTAA	[985]
Tadarida	TAAAGCTGAACCTATAAGCAGCAGCATAAGCAATATGGAAC TAGAATTAA	[976]
Taphozous	TAAAGCTGAACCTATAAGCAGCAGCATAAGCAATATGGAAC TAGAATTAA	[985]
Megaderma	TAAAGCTGAACCTATAAGCAGCAGTATAAGTAATATGGAAC TAGAATTAA	[973]
Cynopterus	TAAAGTTGAGTCTGTACCCAACAACATAAGCAATGTGGAAC TAGAATTAA	[979]
Pteropus	TAAAGCTGAACCTATAATGCAGCAGCATAAGCAATATGGAAC TAGAATTAA	[976]
Hipposideros	TAAAGCTGAACCTATAAGCAGCAGTATAAGCCATATGGAAC TAGAATTAA	[1000]
Cat	CAAAGCTGAACCAATAAGCAGCAATATAAGTAATATGGAATCAGAATTAA	[994]
Human	GAAAGCTGAACCTATAAGCAGCAGTATAAGCAATATGGAAC TAGAATTAA	[997]
Mouse	AGGAGCCAAATCTATAAGCAACAGTGAAGTGAATTTGGAGGTAGAATTAA	[988]
Flyinglemur	TAAAGCAGAACCTATAAGCAGCAGTATAAGCAATATGGAAC TAGAATTAA	[1000]
NycterisG	TAAAGCTGAACCTATAAGCAGCAGCATAAGCAATATGGAAC TAGAATTAA	[985]
Antrozous	TGACACTGAACCTATAAGCAGCAGCATAAGCAATATGGAAC TAGAATTAA	[985]
Rhogeessa	TGAAACGGAACCTATCAGCAGCAGCATAAGCAATATGGAAC TAGAATTAA	[985]
Noctilio	TAAAGCTGAACCTATAAGCAGCAGCATAAGCAATATGGAAC TAGAATTAA	[985]
Natalus	TAGAGCTGAACCTATAAGCAGCAGCATAAGCAATATGGAAC TAGAATTAA	[985]

Rhinolophus	TGTAGCCGAACCTATAAGCAGCAGTATAAGCAATATGGAAC TAGAATTAA	[997]
Rousettus	TAAAGCTGAACCTATAACGAGCAGCATAAGCAATATGGAAC TAGAATTAA	[979]
NycterisT	TAAAGCTGAACCTATAAGCAGCAGCATAAGCAATATGGAAC TAGAATTAA	[985]
Nyctimene	TAAAGCTGAACCTATAACACAGCAGCATAAGCAATATGGAAC TAGAATTAA	[976]
Mole	TAAAGCTAAGCCATAAGTAGCAGTATAAGCAATATGGAAC TAGAATTAA	[997]
Horse	TAAAGCTGAACCTATAAGCAGCAGCATAAGCAATATGGAAC TAGAATTAA	[1000]
Desmodus	TAAAGCTGAACCTATAAGCAGCAGCATAAGCAATATGGAAC TAGAATTAA	[982]
Rhinopoma	TAAAGCTGAACCTATAAGCATTAGTATAAGCAATATGGAAC TAGAATTAA	[1000]
Emballonura	TAAAGCTGAACCTAGAAGCAGCAGCATAAGCAATATGGATCTAGAATTAA	[982]
Cow	TGAGGCTGAACCTATAAGCATCAGTATAAGCAATATGGAAC TAGAATTGA	[994]
Pangolin	TAGAGCTGAACCTATAACCAGCAATATAAGCAATATGGAGCTAGAATTAA	[1000]
Whale	TAAGCCTGAACCTATAAGCAGCAGTATAGGCAATATGGAAC TAGAATTGA	[1000]

[1010 1020 1030 1040 1050]
[.]

Tonatia	ATGTCCACGGTTCAAAAGCGCCAGGAAGACTAAGCGGAGGGAGAAGACT	[1035]
Myotis	ATGTCCACAGTTCAAAAGCACCTAAGAAGAATAGGCTGAAGAGGAAGTCC	[1035]
Tadarida	ATATCCACAGTTCAAAAGCACCTAAGAAGAATAGGCTGAAGAGGAAGTCC	[1026]
Taphozous	ATATCAACAGTTCAAAAGCACCTAAGAAGAATAGACTGAGGAGGAAGTCC	[1035]
Megaderma	ATATCCACAGTTCAAAAGCACCTAAGAAGAATAGGCTGAGGAGGAAGTCC	[1023]
Cynopterus	ATATTCACGGTTCAAAAGCACCTCAAGAAGAATAG?CTGAGGAGGAAGTCC	[1029]
Pteropus	ATATCCACAGTTCAAAAGCAGTTAAGAAGAATAGGCTGAGGAGGAAGTCC	[1026]
Hipposideros	ATATCCATAGTTCAAAAGCACCTAAGAAAAATAGGCTGAGGAGGAAGTCC	[1050]
Cat	ATAGCCACAGTTCAAGGGCACCTAAGGAGAACAGGCTGAGGAGGAAGTCC	[1044]
Human	ATATCCACAATTCAAAAGCACCTAAAAAGAATAGGCTGAGGAGGAAGTCT	[1047]
Mouse	ACGTCCACAGTTCAAAAGCACCTAAGAAAAATAGGCTGAGGAGGAAGTCT	[1038]
Flyinglemur	ATATCCACAATTCAAAACCATCTAAGAAGAATAGGCTGAGGAGGAAGTCC	[1050]
NycterisG	ATATCTGCAGTTCAAAAGCACCTAAGAAGAATAGGCTGAGGAGGAAGTCC	[1035]
Antrozous	ATGTCCATAGGTCAAAAGCACCTAAGAAGAATAGGATGAAGAGGAAGTCC	[1035]
Rhogeessa	ATGTCCACAGTTCAAAAGCACCTAAGAGGAATAGGCTGAAGAGGAAGTCC	[1035]
Noctilio	ATATCCATAGTTCAAAACCACCAAGAAAACTAAACTGAGGAGAAAAGACA	[1035]
Natalus	ATGTCCACAGTTCAAAAGCACCTAAGAAGAATAGGCAGAGGAGGAAGTCC	[1035]
Rhinolophus	ATATCCACAGTTCAAAAGCACCTAAGAAGAATAGGCTGAGGAGGAAGTCC	[1047]
Rousettus	ATATCCACAGTTCAAAAGCACCTAAG?????????????GGAGGAAGTCT	[1029]
NycterisT	ATATCTGCAGTTCAAAAGCACCTAAGAAGAATAGGCTGAGGAGGAAGTCC	[1035]
Nyctimene	ATATCCACAGTTCAAAAGCACCTAAGAAGAATAGGCTGAGGAGGAAGTCC	[1026]
Mole	ATATCCACTCTTCAAAAGCACCTAAGAAGAACAGGCTGAGGAGGAAGTCT	[1047]
Horse	ATATCCACAGTTCAAAAGCACCTAAGAAGAATAGGCTGAGGAGGAAGTCT	[1050]
Desmodus	ATATCCATGGTTCAAAAGCACCAAGAAGACTAAGCCAAGGAAGAAGACC	[1032]
Rhinopoma	ATATCCACAGTTCAAAAGCACCTAAGAAGAATAGGCTGAGGAGGAAGTCC	[1050]
Emballonura	ATATCCACAGTTCAAAACCACCTAAGAAAAATAGGCTGAGGAGGAAGTCC	[1032]
Cow	ATATCCACCGTTCAAAAGCACCTAAG---AATAGGCTGAAGAGAAAAGTCC	[1041]
Pangolin	ATATCCATAGTTCAAAAGTACTTAAGAAGAATAGGCTGAGGAGGAAGTCT	[1050]
Whale	ATATCCATAGTTCAAAAGCACCTAAA---AATAGGCTGAGGAGGAAGTCC	[1047]

[1060 1070 1080 1090 1100]
[.]

Tonatia	GCTGCCGAGCATACTTATGCACCTGGACTCGGGTTCAGCAAGAGCCCGAG	[1085]
Myotis	TCTACCAGGCCTATTCATGCACCTTGAAGTAGTAGTCAATAGAAATCCGAG	[1085]
Tadarida	TCTACCAGGCACATTTATGCACCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1076]
Taphozous	TCTACCAGGCATATTTATGCACCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1085]
Megaderma	TCTACAAGGCATATTCATGCACCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1070]
Cynopterus	T?TACCAGGCATATTCATGCACCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1079]
Pteropus	TCTACCAGGCATATTCATGCACCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1076]
Hipposideros	TCTACCAGGCCTATTCATGCACCTTGAAGTAGTAGTCAAGTGGAAATCCACG	[1100]
Cat	TCTACCAGGCACATGCGTGCCTGGAATTAGTAGTCAATAGAAATCCAAG	[1094]
Human	TCTACCAGGCATATTCATGCCTTGAAGTAGTAGTCAAGTGGAAATCCAAG	[1097]
Mouse	TCTACTAGGTGTGCTCTTCCACTTGAACCA---ATCAGTAGAAATCCAAG	[1085]
Flyinglemur	TCTACTAGGCATATTCATGCACCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1100]
NycterisG	TGTACCAGGCATATTTGTGCACCTTGAAGTAGTAGTCAATAGAAATCCAAC	[1085]
Antrozous	TCTACCAGGCATATTTGTGCACCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1085]
Rhogeessa	TCTACCAGGCATATTTGTGCACCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1085]
Noctilio	TCTTCCAAACACATTTATGCTCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1085]
Natalus	TCTACCAGGCATATTTATGCACCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1085]
Rhinolophus	TCTACCAGGCCTATTCATGCACCTTGAAGTAGAGTCAAGTGGAAATCCAAG	[1097]
Rousettus	TCTACCAGGCATATTCATGCACCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1079]
NycterisT	TGTACCAGGCATATTTGTGCACCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1085]
Nyctimene	TCTACCAGGCATATTCATGCACCTTGAAGTAGTAGTCAATAGAAATCCAAG	[1076]
Mole	TCTACCAAGCATATTCATGCACCTTGAAGTAGGTTGTTCAAAAGAATCCAAG	[1097]
Horse	TGTACCAAGCAGATTCATGCACCTTGAAGTAGTAGTCAAGTAAAAATCCAAG	[1100]
Desmodus	ACTACCAGGCATATTTATGCACCTTGAAGTAGTAGTCAAGTAAAAATCCAAG	[1082]

Rhinopoma	TCTACCAGGCATATTCATGCACTTGAACATA---GTCAGTAGAAATCCAAG	[1097]
Emballonura	TCTACCAGGCATATTTATGCACTTGAACATAGTAGTCAGTAGAAATCCAAG	[1082]
Cow	TCTACCAGGAAAATTCCTGAACTTGAACATAGTAGTCAGTAGAAACCCAAG	[1091]
Pangolin	TCTACCAGGCACATTCATGCACTTGAACATAGTAGTCAATAGAAATCCAAG	[1100]
Whale	TCTACCAGGAAGATTCATGCACTTGAACATAGTAGTCAGTAGAAACCCAAG	[1097]

[1110 1120 1130 1140 1150]
[.]

Tonatia	CCCCCTGCTCACGCCGACTGCGGACGGACGGTTGTTCTGGCGGCGAGG	[1135]
Myotis	CCCATCTAACCACTACTGAACTACAAAATGATAGTTGTTCTAGCAGTGAAG	[1135]
Tadarida	CCCACCTAATCACACTGAACTACAAAATGATAGCTGTTCTAGCAGTGAAG	[1126]
Taphozous	CCCACCTAATCATATTTGAACTACAAAATGATAGTTGTTCTAGCAGTGAAG	[1135]
Megaderma	CCCACCTAATCATACTGAACTACAGATTGATAGTTGTTCTAGCAATGAAG	[1120]
Cynopterus	CCCACCTAATCATACTGAACTACAAAATGATAGTTGTTCCAGCAGTGAAG	[1129]
Pteropus	CCCACCTAATCATACTGAACTACAAAATGATAGTTGTTCTAGCAGTGAAG	[1126]
Hipposideros	CCCACCTAGTCAGACTGAGCTACAAAATGATAGTTGTTCTAGCAGTGAAG	[1150]
Cat	CCCACCTAGTCATACCGAACTACAGATTGATAGTTGTTCTAGCAGTGAAG	[1144]
Human	CCCACCTAATTTGACTGAATTGCAAATGATAGTTGTTCTAGCAGTGAAG	[1147]
Mouse	CCCACCTACTTGTCTGAGCTTCAAATCGATAGTTGTTGGTAGCAGTGAAG	[1135]
Flyinglemur	CCCACCTAATTTACTGAACTACAAAATGATAGTTGTTCTAGCAGTGAAG	[1150]
NycterisG	CCCACCTAATCATACTGAACTACAAAATGATAGCTGTTCCAGTAGTGAAG	[1135]
Antrozous	CCCATCTAACCAATATTGAACTACAAAATGATAGTTGTTCTAGCAGTGAAG	[1135]
Rhogeessa	CCCATCTAACCAATATTGAACTACAGATTGATAGTTGTTCTAGCAGCGAAG	[1135]
Noctilio	CCCACCTACTCATACTGAACTACGAATTGATAGTTGTTCTAGCAGTGAAG	[1135]
Natalus	CCCACCTAATCATACTGAACTACAAAATGATAGCTGTTCTAGCAGTGAAG	[1135]
Rhinolophus	CCCAGGTAATCGTACTGAACTAGAAAATGATAGTTGTTCTAGCAGTGAAG	[1147]
Rousettus	CCCACCTAATCATACTGAACTACAAAATGATAGTTGTTCTAGCAGTGAAG	[1129]
NycterisT	CCCACCTAATCATACTGAACTACAAAATGATAGCTGTTCCAGTAGTGAAG	[1135]
Nyctimene	CCCACCTAATCATACTGAACTACAAAATGAAAGAGCTGAAGAGCAGTGAAG	[1126]
Mole	CCCACCTAATCATACAGAACTACAAAATGATAGCTGTTCTAGCAGTGAAG	[1147]
Horse	CCCACCTAATCATACTGAACTACAAAATCGATAGTTGTTCTAGTAGTGAAG	[1150]
Desmodus	CCCACCTACTCATACTGAACTACAAAATGATAGTTGTTCTAGCAGTGAAG	[1132]
Rhinopoma	CCCACCTAATCATACTGAACTACAAAATGATAGTTGTTCTAGCAGTGAAG	[1147]
Emballonura	TCCACCTAATCATACTGAACTAAAATGATTGTTGTTCTAGCAGTGAAG	[1132]
Cow	TCTACCTAATCATACTGAGCTACCAATTGATAGCAGTTCTAGCAATGAAG	[1141]
Pangolin	CCCCCTAACATACTGAACTACAAAATGATAGTTGTTCTAGCAGTGAAG	[1150]
Whale	CCCACCTAATCATACTGAACTACAAAATGATAGTTGTTCTAGCAGTGAAG	[1147]

[1160 1170 1180 1190 1200]
[.]

Tonatia	AGGCAAAGATCGGGA---ATTCTGGGCAGAGCCAGCCAGGCGGAGCAGC	[1182]
Myotis	AGGTGAAGGAAAAA---ATTCTGACCAAATACCAGTCAGACACAGCAAG	[1182]
Tadarida	AGGTGAAGGAAAAA---ATTCTGACCAAATACCAGTCAGACACAGCAAA	[1173]
Taphozous	AGGTGAAGGAAAAA---ATTCTGACCAAATACCAGTCAGGACAGCAAA	[1182]
Megaderma	AGGTGGAAGAAAAA---ACTCTGACCAAATGCCAGCCAGACACAACAAA	[1167]
Cynopterus	AACTGAAGGAAAAA---ATTCTGACCGAATGCCAGACAGACACAGCAAA	[1176]
Pteropus	AGTGAAGGAAAAA---ATTCTGACCAAATGCCAGTCAGACACAGCAAA	[1173]
Hipposideros	AGGTGAAGGAAAAA---TTTCTGACCAAGTCCAGTCACACACAGCAAA	[1197]
Cat	AGATGGTGAAGAAAAAAGTTTCGGAACAAAATGCTAGTCAGACACAGCAAA	[1194]
Human	AGATAAAGAAAAA---AGTACAACCAAATGCCAGTCAGGACAGCAGA	[1194]
Mouse	AAACAAAGAAAAAACC---ATTCCAACCAACAGCCAGCCGGGCACCTTAGA	[1182]
Flyinglemur	AAATAGAGAAAAA---ATTCTGACCAAATGCCAGTCAGGACAGCAGA	[1197]
NycterisG	AGGTCAAGAAAAAGA---ATTCTGACCAAATACCAGTTGGGCACAGCAAA	[1182]
Antrozous	AGGTGAAGGAAAAA---ATTCTGACCAAATACCAGTCAGACACAGAAAG	[1182]
Rhogeessa	AGGTGAAGGAAAAA---ATTCTGACCAAATACCAGTCAGACACAGAAAG	[1182]
Noctilio	AGGTGAAGGAAAAA---ATTCTGACCAAATACCAGCAAGACACAGCAAA	[1182]
Natalus	AGGTGAAGGAAAAA---ATTCTGACCAAATACGAGTCAGACACAGCAAA	[1182]
Rhinolophus	AGGTAAAGAAAAA---ATTCTGACCAAATCCAGTCAGGACAGGAAAA	[1194]
Rousettus	AGCTGAAGGAAAAA---ATTCTGACCAAATGCCAGTCAGACACAGCAAA	[1176]
NycterisT	AGGTCAAGAAAAAGA---ATTCTGACCAAATACCAGTTGGGCACAGCAAA	[1182]
Nyctimene	AGCTGAAGGAAAAA---AATCTGACCAAATGCCAGTCAGACACAGCAAA	[1173]
Mole	AGATGAAGGAAAAA---ATTCCAACCAAATGCCAGTAAGACACAGCAAA	[1194]
Horse	AGATGAAGGAAAAA---ATTCTGACCAAATGCCGGTCAGACACAGCAAA	[1197]
Desmodus	AGGCGAAGAAAAA---ATTCTGAGCAAATACCAGTCAGACAGAGCAAA	[1179]
Rhinopoma	AGGTAAAGGAAAAA---ATTCTGACCAAATGCCAGTCAGACACAACAAA	[1194]
Emballonura	AGGTAAAGGAAAAAGA---ATTCTGACCAAATACCAATCAGGACAGCAAA	[1179]
Cow	AGATGAAGAAAAAAC---ATTCTAGCCAAATGCCAGTCAGGACAGGCCAA	[1188]
Pangolin	AGTTG---ATGAAA-----AACCAAATACCAGTCAAACAT?CCAAA	[1188]
Whale	AGATGAAGAAAAAAC---ATTCCAGCCAAATGCCAGTCAGGACAGGCAAA	[1194]

[1210 1220 1230 1240 1250]

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Tonatia	AAGCTTCCGCTCGAGGAGGGTCAAGGAGCTGCAGCTGGGGCCAGCAAGGG	[1232]
Myotis	AAGCTTCAACTCATGGAAGGTAAGAACCTGCAGCTGGAGCCAAGAAGAG	[1232]
Tadarida	AAGCTTCAACTCATGGAAGGTAAGAACCTGCAGCTGGAGCCAAGAAGAG	[1223]
Taphozous	GAGCCTCAACTCGTGAAGGTGAAGAACCTACGACTAGAGCCAAGAAGAA	[1232]
Megaderma	AATCTTCAACTTATAGAAGATAAAGAACCTGCAACTAGAGCTAAGAAGAG	[1217]
Cynoapterus	AACTTTCAGTTCGTAGAAGATAAAGAATCTGCAACTGGAGCCAAGAAGAA	[1226]
Pteropus	AACTTTCATTCATAGAAGATAAAGAATCTTCAACTGGAGCCAAGAAGAA	[1223]
Hipposideros	ACGCTTGAACTCATAGAAGATCAAGAACCTGCAATGGAGTCAAGAAGAG	[1247]
Cat	ACACTTCAACTCGTGGAAAATAAAGAACCTGCACCTGGAGCCAAGAAGCG	[1244]
Human	AACCTACAACCTCATGGAAGGTAAGAACCTGCAACTGGAGCCAAGAAGAG	[1244]
Mouse	GAGCCTCAACTCATCGAAGACTGAACTGCAGCGGATGCCAAGAAGAA	[1232]
Flyinglemur	AAGCTTCAACTCATGAAAATAAAGAACCTGCAACTGGAGCCAAGAAGAG	[1247]
NycterisG	AACTTTCAGCCAGGGAAGGTAAGAAGCTGCAGCTGGAGCCAAGAAGAG	[1232]
Antrozous	AAGCTTCACTCATGGAAGGTAAGAACCTGCAATGGAGCCAAGAAGAG	[1232]
Rhogeessa	AACTTTCATTCATGGAAGGTAAGAACCTGAACTGGAGCCAAGAAGAG	[1232]
Noctilio	AAGCTTCAACTCATGGAAGGTAAGAACCTGCAACTGGAGCCAAGAAGAG	[1232]
Natalus	AAGCTTCAACTCATGGAAGGTAAGAACCTGCGACTGGGGCCAAGAAGAG	[1232]
Rhinolophus	AACTTGAACTCTTGAAGATAAAGAACCTGCAACTGGAGTCCAGAAGAG	[1244]
Rousettus	AACTTTCATTCGTAGAAGATAAAGAATCTGAACTGGAGCCAAGAAGAA	[1226]
NycterisT	AACTTTCAGCCAGGGAAGGTAAGAACCTGCAACTGGAACCAAGAAGAG	[1232]
Nyctimene	AACTTTCATTCATAGAAGATAAAGAATCTGCAACTGGAGCCAAGAAGAA	[1223]
Mole	AGCTTCAACTCATGGAAGATAAAGACCCGCAACTGAAGCCGTCAGAG	[1244]
Horse	AAGCTTCAACTCATGGAAGATAAAGAACCTGCCACTGGAGCCAAAAGAG	[1247]
Desmodus	AAGCTTCAACTCATGGAAGGTAAGAACCTGCAACTGGAGCCAAGAGGG	[1229]
Rhinopoma	AAGCTTCACTTATGGAAGATAAAGAACCTGTAACTGGAGCCAAGAAGAG	[1244]
Emballonura	GAGCTGCAACTCCTGGAAGGTGAAGAACCTGTGACTAGAGCCAAGGAGAA	[1229]
Cow	AAGCTTCAACTCATGGAGATAAAGAACCTTACTGCTGGAGCC---AAGAA	[1235]
Pangolin	AAGCTTCAACTCAAGGAGATAAGAGAACCTGCATCTAGAGCCAAGAAGAG	[1238]
Whale	AAGCTTCAATTCATGGGAGATAAAGCACCTACAACCTGGAGCCAAGAAGAG	[1244]

[1260 1270 1280 1290 1300]
[.]

Tonatia	TGACCCGGTCAGATGCACCGATGAATAAGAGACTTGCCAATGATGCTTTTC	[1282]
Myotis	TAATAAGTCAGATGAACAAATAAATAAAAACTTGCCAGTGATGCTTTTC	[1282]
Tadarida	TAACAAATCAAATGAACAAATAAATAAAAACTTGCCAGTGATGTTTTTC	[1273]
Taphozous	T---AAGTCAAATGAACAAATAAATAAAGACTTGCCAGTGATACTTTTC	[1279]
Megaderma	TAACAAGCCAGATGAACAAATAAATAAAGAGACTTACCAGTGATGCTTTTT	[1267]
Cynoapterus	TAACATGCCAAATGAGGCAATAAATAAAGACTTTCAGTGAAAGCTTTTC	[1276]
Pteropus	TAACAAGCCAAATGAGACAATCAATAAAGACTTGCCAGTGATGCTTTTT	[1273]
Hipposideros	GAACAAGCCAAATGAACAAATAAATAAAGACTTACCAGTAATGCTTTTC	[1297]
Cat	TAACAAGCCAAATGAACAAATAAATAAAGACTTGCCAGTAACACTTTTC	[1294]
Human	TAACAAGCCAAATGAACAGACAAGTAAAGACTGACAGCGATACTTTCC	[1294]
Mouse	C---GAGCCAAATGAACACATAAGGAAGAGACGTGCCAGCGATGCTTTCC	[1279]
Flyinglemur	TAACAAGCCAAATGAACAAATAAGTGAAGACATTCAGTAATGCTTTCC	[1297]
NycterisG	GAATAAGTCAAGTGAACAAATGAATAAAGACTTGCCAGTGATGCTTTTT	[1282]
Antrozous	TAATAAGTCAGATGAACAAAGTAAATAAAAACTTGCCAGTGATGCTTTTT	[1282]
Rhogeessa	TAATAAGTCAGATGAACAAAGTAAATAAAAACTTGCCAGTGATGCTTTTT	[1282]
Noctilio	TAACAAGTCAAATGAACAAATAAATAAAGACTTGCCAATGATGCTTTTT	[1282]
Natalus	TAACAAGTCAAATGAACAAATAAATAAAAACTTACCAGTGATGCTTTTT	[1282]
Rhinolophus	TAACAAGCCAAATGAACAAATAAATAAAGACTTACCAGTAATGCTTTCC	[1294]
Rousettus	TAACAAGCCACATGAGACAATAAATAAAGACTTGCCAGTGATGCTTTTT	[1276]
NycterisT	TAATAAGTCAAGTGAACAAATGAATAAAGACTTGCCAGTGATGTTTTTC	[1282]
Nyctimene	TAACAAGCCAAATGAGACAATAAATAAAGACTTGCCAGTGATGCTTTTT	[1273]
Mole	TAACAAGCCAAAAGAACA---ATTAAGACTTGCCAGTGATACTTTGC	[1291]
Horse	TAACAAGCCAAATGAACAAATAAATAAAGACTTGCCAGTGATGCTTTTT	[1297]
Desmodus	TAACAAGTCAAATGACCAATAAATAAAGACTTGCCAGTGAAGCTTTTT	[1279]
Rhinopoma	TCACAAGCCAAATGAACAAATAAATAAAGACTTACCATTGATGCTTTTT	[1294]
Emballonura	TAACAAGTCAAATGAACAAACAAACAAAGACTTGCCAGTGATGCTTTTT	[1279]
Cow	TAACAAAACATATGAACAAATAAATAAAGACTTGCTAGTGATGCTTTTT	[1285]
Pangolin	TAACAAGCCAAATGAACAAATAAATAAAGACTTACCAGTGACACTTTTT	[1288]
Whale	TAACAAGCCACAGCAAAATAAATAAAGACTTACCAGTGACGCTTATC	[1294]

[1310 1320 1330 1340 1350]
[.]

Tonatia	CGGAACATAAATTTAACAAGCGTATCTGCCGTTTTACTAATGGTTCAAGT	[1332]
Myotis	TAGAACAAAACCTAACAACATGCCTGGTGTTTTTACTAATGGTTAAGC	[1332]
Tadarida	CAGAACTAAACTTAACAACATACCTGGTTTTTTAAGTAATGATTCAGT	[1323]
Taphozous	CAGAACTAAATTTAAAAAACATACCTGGTTTTTTACTAATGGTTCAAGT	[1329]
Megaderma	CAGAACTAAATTTAACAACACACCTGGTTTTTTTACCAACAGTTCAAAAT	[1317]

Cynoapterus	CCGAATTAATATAACAAACGTACCTGGTTTTTTACTAATGGTTCAAGT	[1326]
Pteropus	CAGAATTAATATAACAAACATACCTGGTTTTTTACTAATGGTTCAAGT	[1323]
Hipposideros	CAGAACTAAATTTAACAAACATACCTGGTATATTG---AACCGTTCAAGT	[1344]
Cat	CAGAGCTAAATTTAACAAACATACCTGGGGTTTTTTACTAATGGTTCAAGT	[1344]
Human	CAGAGCTGAAGTTAACAAATGCACCTGGTCTTTTACTAAGTGTTCAAAT	[1344]
Mouse	CAGAAGAGAAATTAATGAACAAGCTGGTTTATTAAGTGTTCAGT	[1329]
Flyinglemur	CAGAAGCTGGTTAACAAATGTACCTGTTTTTTTGCTAAGTGTTCAGT	[1347]
NycterisG	CAGAACTAAATTTAACAAACACACCTGTTATTTTTTACTAATGGTTCAAGT	[1332]
Antrozous	TAGAACTAACTTAGCAAACGTACCGGGTGTTTTTTACTAATAGTCAAGT	[1332]
Rhogeessa	TAGAACTAAGCTTAAAAAACATACCGGGTGTTTTTTACTAATGGTCAAGT	[1332]
Noctilio	CAGAACTTAATTTACCAAACATACCTTGTATTTTTTACTAATGGGTCAAGG	[1332]
Natalus	TAGAAGTAAATTTAACAAACATACCTGGTTTTTTTAGTAAATGGTTCAAGT	[1332]
Rhinolophus	CAGAACTAAATTTAACAAACATACCTGGTTTTTTTACTAATGGGTCAAGT	[1344]
Rousettus	CAGAATTAATATAACAAACATACCTGGTTTTTTTACTAATGGTTCAAGT	[1326]
NycterisT	CAGAACTAAATTTAACAAACACACCTGTTTTTACTAATGGTTCAAGT	[1332]
Nyctimene	CAGAATTAATATAACAAACATACCTGTTTTTTTACTAATGGTTCAAGT	[1323]
Mole	CAGAACTAAATTTAACAAACATGTACCTGGCTTCTTAGCAACTATTCAAGT	[1341]
Horse	CAGAGCTAAATTTAACAAACATACCTGGTTTTTTTACTAATGGTTCAAGT	[1347]
Desmodus	CAGAACTAAATTTAACAAACATACCTGGTGTTTTTTAGTAGTGGTTCGAGT	[1329]
Rhinopoma	CAGAACTAAAGTTAACAAACATACCTGGTTTTTTTACTAAGTTCAGT	[1344]
Emballonura	CAGAAATGAATTTAAAAAACATACCTGGTTTTTTTACTGATAGTTCAGT	[1329]
Cow	CAGAACTAAAGTTAACAAACACACCTGGTTATTTTTTACTAATGGTTCAGT	[1335]
Pangolin	CAGAACTAAATTTAACAAACATACCTGGTTTTTTTACTAATGGTTCAGT	[1338]
Whale	CAGAACTAAATTTAACAAACATACCTGGTTTTTTTACTACATGTTCTAGT	[1344]

[1360 1370 1380 1390 1400]
[.]

Tonatia	TCTACTAAACTTAAAGAGTGTGTGATTCCTAACCTCAAGGAGAAGACAC	[1382]
Myotis	TCTAATAAGCTTAAACGAGTTTGTGATCCTAACCTACAAAGAGAAGAAAC	[1382]
Tadarida	TCTAATAAACTTAAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1373]
Taphozous	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1379]
Megaderma	TCTGATAAACTTAAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1367]
Cynoapterus	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1376]
Pteropus	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1373]
Hipposideros	TCAAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1394]
Cat	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1394]
Human	ACCAGTGAACCTTAAAGAAATTTGTGATCCTAACCTTCAAAGAGAAGAAA	[1394]
Mouse	CCTAGAAAATCTCAAGGGCTGTCAATCCCAGCCCTCAGAGAACAGGAAC	[1379]
Flyinglemur	TCTAATAAACTTCAAGAAATTTATCGATCCTAACCTTCAAAGAGAAGAAAT	[1397]
NycterisG	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1379]
Antrozous	TCTAATAAACTTCAAGAAATTTGTGATCCTAACCTTCAAAGAGAAGAAC	[1382]
Rhogeessa	TCTAATAAACTTCAAGAAATTTGTGATCCTAACCTTCAAAGAGAAGAAAC	[1382]
Noctilio	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1382]
Natalus	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1382]
Rhinolophus	TCAAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1394]
Rousettus	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1376]
NycterisT	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1379]
Nyctimene	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1373]
Mole	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1391]
Horse	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1397]
Desmodus	TCTACTAAACTTAAAGAAATTTGTGATCCTAACCTTCAAAGAGAAGACGT	[1379]
Rhinopoma	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1394]
Emballonura	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAC	[1379]
Cow	-----AAACCTGAAGAGTGTGTGATCCTAACCTTCAAAGAGAG-----	[1374]
Pangolin	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAAGAAAT	[1388]
Whale	TCTAATAAACTTCAAGAGTGTGTGATCCTAACCTTCAAAGAGAG-----	[1389]

[1410 1420 1430 1440 1450]
[.]

Tonatia	AGAAGAGAACCGAGGAACAGTTCAGTGTCTAGTAGCACCAAAGACCTCA	[1432]
Myotis	AGAAGAGAACCTAGGAGCAGTTCAAATGTCTAATAGTACCAAAGACCTCG	[1432]
Tadarida	AACAGAGAACCTAGGAACAGTTCACATGTCTAATAGTACCAAAGACCTCA	[1423]
Taphozous	GGAAGAGAACCTAGGAACAATTCAGTGTCTGATAGTACCAAAGACCTCA	[1429]
Megaderma	AGAAGAGCATCTGGGAACGATTAAGAGTGTCTAATAGTACCAAAGACCTCA	[1417]
Cynoapterus	AAAAGAGAATCTACGAACAATTCAGTGTCTAATAGTACCAAAGACCTCA	[1426]
Pteropus	AAAAGAGAACCTAGGAACAATTCAGTGTCTAATAGTACCAAAGACCTCA	[1423]
Hipposideros	AGAAGAGAGCCTAGGAACAATTCAGTGTCTAATAGTACCAAAGACCTCA	[1444]
Cat	AGAAGAGAGCCGAGGAACGATTCACGTGTCTGATAGTACCAAAGACCTCA	[1444]
Human	AGAAGAGAACCTAGGAACAATTCAGTGTCTAATAGTACCAAAGACCTCA	[1444]
Mouse	A---GAGCAACTTGAACACGCCAAATGTCTGACAGTGCCAAAGAACTCG	[1426]
Flyinglemur	AGAAGAGAACCTAGGAACAATTCAGTGTCTAATAGTACCAAAGACCTCA	[1447]

NycterisG	AGAAGAGAACCTAGGGAAAATTCAAGTGTCTGATAGTACCAAAGACCCCA	[1429]
Antrozous	AGAAGAGACCATTGGACCCGGTTTCAAGTGCCTAATAGTCCCAAAGACCTCA	[1432]
Rhogeessa	AGAAGAGAACCTAGGAACAGTTTCAAGTGCCTAATAGTACCAAAGACCTCA	[1432]
Noctilio	AGAACAGAACCCAGGGACAATTCAAGTGCCTAATAGTACCAAAGACCTCA	[1432]
Natalus	GGAAAGAGAACCTAGGAACAATTCAAGTGTCTAGTAGTACCAAAGAACTCA	[1432]
Rhinolophus	AGAAGAGAACCTAGAACCAGTTCAAGTGTCTCATAGTACCAAAGACCTCA	[1444]
Rousettus	AAAAGAGAACCTAGGAACAATTCAAGTGTCTAATAGTACCAAAGACCCCA	[1426]
NycterisT	AGAAGAGAACCTAGGGAAAATTCAAGTGTCCGGTAGTACCGAAGACCCCA	[1429]
Nyctimene	AAAAGAGAACCTAGGAACAATTCAAGTGCCTAATAGTACCAAAGACCCCA	[1423]
Mole	AGAAGAGAACCTAGGAACAATTCAAGTGTCAAATAATACCAAAGACCCCA	[1441]
Horse	AGAACAGAACCTAGGAGCAAATCGACTGTCTAATAGTGCCAAAGACCCCA	[1447]
Desmodus	AGGAGAGAACCTAGGAACCATCAAGTGTGTAATAGCACCAAAGGCCTCA	[1429]
Rhinopoma	AGAAGAGAACCTAGGAACAATTCAAGTGTCTAATAGCACTCAAGACCCCA	[1444]
Emballonura	AGAAGAGAACCTAGGAACAATTCAAGTGTCTAATAGTACCAAAGACCTCA	[1429]
Cow	----GAGAACCTAGGAACAATTCAAGTGTGCGAATAGTACCAAAGACCCCA	[1420]
Pangolin	AGAAAATAATCTAGAAAACAATTCTA-----ACCAAAGACCCCA	[1426]
Whale	----GAGAACCTAGGAAAAATTCAAGTGTGCGAATAGTACCAAAGACCCCA	[1435]

[1460 1470 1480 1490 1500]
[.]

Tonatia	AAGATCTGATATTCAAGTGGGGGAAGAAGTTTGCAA---ACTGACAGATCT	[1479]
Myotis	AAGATCTGACATTAAGTGGAGGAAGAAGTGTGCAA---ATTGATAGATCT	[1479]
Tadarida	AAGATCTGATATTAAAGTGGAGGAAGAAGTTTGCAA---ACTGATAGATCT	[1470]
Taphozous	AAGATCTGATATTAAAGTGGAGGAAGAAGTTTGCAA---ACTGATAGATCT	[1476]
Megaderma	AAGATCTGATACTAAGTGGAGGAAGAAGTTTGCAA---ACCGATCGTTCT	[1464]
Cynopterus	AAATTCTAATCTTTGGTGAAGGAAGAGGTTTCACAA---ACTGATCGATCT	[1473]
Pteropus	AAATTTTGATCTTCGGTGAAGGAAGAGGTTTCACAA---ACTGATCGATCT	[1470]
Hipposideros	AAGATTTGATATCAAATGGGGGAAGAGGCTTGCAA---ACTGGTCAATCT	[1491]
Cat	AAGCGCTGGTATCGAGTGGAGGAAGAAGTTTGCAA---ACTGAAAAGATCT	[1491]
Human	AAGATCTCATGTTAAGTGGAGAAAAGGTTTTGCAA---ACTGAAAAGATCT	[1491]
Mouse	GGGATCGGGTCCCTAGGAGGAGAGCCCAAGTGGCAAAACCCTGACCGATCT	[1476]
Flyinglemur	AAGATTTGGTGTAAAGTGGGGGAAGAAGTTTGCAA---ACTGAAAAGATCT	[1494]
NycterisG	AAGATCTGATATTAAAGTGGGAAGAA---GTTTGCAA---ATTGATAGATCT	[1473]
Antrozous	AAGATCTGATATTAGATGGAGGAAGAAGTATGCAA---ACTGATAGGTCT	[1479]
Rhogeessa	AAGATCTGATATTAAATGGAGGAAGAAGTGTGCAA---ACTGATAGATCT	[1479]
Noctilio	AAGATCTGATATTAAAGTGGGAAGAA---GTTTGCAA---ACTGAAAAGATCT	[1476]
Natalus	AAGATCTGATATTAAAGTGGGAAGAA---GTTTGCAA---ACTGAAAAGATCT	[1476]
Rhinolophus	AAGATCTGCTATTAAAGTGGAGGAAGAAGTTTGCAA---ACTGATCAATCT	[1491]
Rousettus	AAATTCTGATCTTTGGTGAAGGAAGAGGTTTCACAA---ACTGATCGATCT	[1473]
NycterisT	AAGATCTGATATTAAAGTGGGAAGAA---GTTTACAA---ATTGATAGATCT	[1473]
Nyctimene	AAATTCTGATCTTCGGTGAAGGAAGAGGTTTCACAA---ACTGATCGATCT	[1470]
Mole	AAGATCCGATACCTTAGTGGACAAAGAGATTTGCAA---GCTGAAAAGATCT	[1488]
Horse	AAGATCTGATATTAAAGTGGAGAAAATGTTTGCAA---GCTGAAAAGATCT	[1494]
Desmodus	GAGATCTGATATTCAAGTGGAGGAAGAAGTCTGCAA---ACTGACAGGTCT	[1476]
Rhinopoma	AAGATCTGATATTAAAGTGGAGGAAGAAGTTTGCAA---ACTGATCGATCT	[1491]
Emballonura	AAGATCTGATATTAAAGTGGAGGAAGAAGTTTGCAA---ACTGAGATTTT	[1476]
Cow	AAGATCTGATATTAAAGGAAGAAAAGCTTTTGCAA---ATTGAAAAGATCT	[1467]
Pangolin	AAGATGTGATATTACATAGAGGA---GGTTTGCAA---ACTGAAAAGATGT	[1470]
Whale	AAGATCTGACATTAAGTGGAGGAAGAAGTTTGCAA---ATTGAAAAGATCT	[1482]

[1510 1520 1530 1540 1550]
[.]

Tonatia	GTGGAGAGTCCCAATATTG?ATTGGTACCTGAAACTGACTGTGACACTCA	[1529]
Myotis	AAAGAGAGTACCAATATTGTATTGGTACCTGAAACTGATTATGGCACACA	[1529]
Tadarida	ATGGAGAGTACCAATATTTTATTGGTACCTGAAACTGATTATGGCACGCA	[1520]
Taphozous	ATGGAGAGTACCAATATTTTATTGGTACCTGAAACTGATTATGACACTCA	[1526]
Megaderma	ATGGAGAGTACCAAGTATTTTATTGGTACCTGATACTGATTATGGCACTCA	[1514]
Cynopterus	ACAGAGAGTACCAAGTATTTTATTGGGACCTGAAACGATTATGGCACTCA	[1523]
Pteropus	ACAGAGAGTACCAAGTATTTTATTGGTGCCTGAAACGATTATGGCACTCA	[1520]
Hipposideros	ATGGAAAATACCAAGTATTTTATTGGTACCTGATACTGATTATGGCAGTCA	[1541]
Cat	GTAGAGAGTACCAAGTATTTTATTGGTACCTGATGCCGATTATGGCACTCA	[1541]
Human	GTAGAGAGTACCAAGTATTTTATTGGTACCTGGTACTGATTATGGCACTCA	[1541]
Mouse	GAGGAGAGCACCAGCGTATCCTTGGTACCTGACACTGACTACGACACTCA	[1526]
Flyinglemur	GTAGAGAGTACCAAGTATTTTATTAGTACCTGATACTGATTATGGCACTCA	[1544]
NycterisG	ATGGAGAGTACCAAGATTTTATTGGTACCTGAAACTGATAATGACATGCA	[1523]
Antrozous	TCCGAGAGTACCAATATTGTATTGGTACCTGAAACTGATTATAGCACCCA	[1529]
Rhogeessa	TCCGAGAATACCAATATTGTATTGGTATCTGAAACTGATTATAGCACCCA	[1529]
Noctilio	ATGGAGAGT?????????ATTGGTACCTGAAACTGATGATGGCACTCA	[1529]
Natalus	ATGGAGAGTACCAACAGTTTATTGGTACCCGAAACTGATTATGGCACTCA	[1526]
Rhinolophus	ATGGAAAATACCTGCTATTTTATTGGTACCTGATACTGATTATGGCACTCA	[1541]
Rousettus	ACAGAGAGTACCGGTATTTTATTGGTACCTGAAACAGATTATGGCACTCA	[1523]

NycterisT	ATGGAAAGTACCAAGATTTTATTTGGTGCCTGAAACTGATTATGACATGCA	[1523]
Nyctimene	ACGGAGAGTACCAAGTATTGTATTGGTACCTGAAACGGATTATGGCACTCA	[1520]
Mole	GGCGAGAGTACCAATATTTTCATTGGTACCTGAGACTGATTTTGGCAGTCA	[1538]
Horse	GTAGAGAGTCCGGTATTTTCATTGGTACCTGATACTGATTATGGGACTCA	[1544]
Desmodus	ATGGAGAGCACCATAATTTTACTGGTGCCTGACACTGACTGTGACACTCA	[1526]
Rhinopoma	ATGGAGAGTACTAGTATTTTCATTGGTACCTGATACTGATTATGGCACTCA	[1541]
Emballonura	ATGGAGAGTAAACAATATTTTATTTGGTACCTGAAACTGATTATGACACTCA	[1526]
Cow	GTAGAGAGTACCAATATTTTCTTGGTTCCTGATACTGATTATAGCACTCA	[1517]
Pangolin	GTAGAGAGTAAACAGTATTTTCATTGGTACCTGATACTGATTACGGCACTCA	[1520]
Whale	GTAGAGAGTACCGGTATTTTCCTTGGTACCTGATACTGATTATGGCACTCA	[1532]

[	1560	1570	1580	1590	1600]
[.]

Tonatia	GGATAGCGTCTCCCTGTGGCACCTGACACCCAG---GGAAGGCAGAAA	[1576]
Myotis	GGATAGTGTCTCATTACTGGAACCTGACATCCCAG---GGAAGGCCAAAA	[1576]
Tadarida	GGATAGTATCTCATTACTGGAACCTGACACCCAG---GGAAGGCCAAAA	[1567]
Taphozous	GTATAGTATCTCATTACTGGAACCTGACACCCAG---GGAAGGCCAAAA	[1573]
Megaderma	GGCTAGTATGTCTCATTACTGGAACCTGACACCCAG---GGAAGGTAAAA	[1561]
Cynopterus	AGATAGTATCTCATTACTGGAATCTGACATCCCAG---GGAGGGCAAGA	[1570]
Pteropus	AGATAGTATCTCATTACTGGAACCTGACATCCCAG---AGAGGGTAAAA	[1567]
Hipposideros	AGACAGTATGTCTCATTACTGGAACCTGACACCCAG---GGAAGGCCAAAA	[1588]
Cat	GGATAGTATCTCATTACTGGAAGCTGACACCCAG---GGAAGGCCAAAA	[1588]
Human	GGAAAGTATCTCATTACTGGAAGTTAGCACTCTAG---GGAAGGCCAAAA	[1588]
Mouse	GAACAGTGTCTCAGTCTGGACGCTCACACTGTCA---GATATGCAAGAA	[1573]
Flyinglemur	AGACAGTATCTCATTACTGGAAGCTGACATCCCAG---GGAAGGCCAAAA	[1591]
NycterisG	GGATAGTATCTCATTACTGGAACCTGACACCCAG---GGATGGCAAAAA	[1570]
Antrozous	GGATAGTCTCTCATTACTGGGACCTGACACCCAG---GGAAGGCCAAGA	[1576]
Rhogeessa	GGATAGTCTCTCATTACTGGGACCTGACACCCAG---GGAAGGCCAAGA	[1576]
Noctilio	GGATAGTATCTCATTACTGGAACCTGATACCCAAG---GGAAGGCCAAAA	[1576]
Natalus	GGATAGTATCTCATTACTGGAACCTGACGCCCCAG---GGAAGGCCAAAA	[1573]
Rhinolophus	GGATAGTATGTCTCATTACTGGAACCTGACACACCAG---GGATGGCAAAAA	[1588]
Rousettus	AGATAGTATCTCATTACTGGAACCTGACATCCCAG---GGAAGGCCAAGA	[1570]
NycterisT	GGATAGTATCTCATTACTGGAACCTGACACCCAG---GGAAGGCCAAAA	[1570]
Nyctimene	AGATAGTATCTCATTACTGGAACCTGACATCCCAG---GGAGGGCAAGA	[1567]
Mole	GGATAGTGTCTCATTACTGGAATTTGACATCCTAG---GCAAGGCCAAAA	[1585]
Horse	GGATAGTATCTCATTACTGGAAGCTGACACCCAG---GGAAGGCCAAAA	[1591]
Desmodus	GGAGAGTGTCTCATTACTGGCTCCTGACACCCAG---GGGAGGCCAAAA	[1573]
Rhinopoma	GGAGAGTATGTCTCATTACTGGAACCTGATACCCAG---GGAAGGCCAAAA	[1588]
Emballonura	GCATAGTATCTCATTACTGGAACCTGACACTCCAG---GGAAGGCCAAAA	[1573]
Cow	GGATAGTATCTCATTACTGGAAGCTAAAACCCAG---AAAAGGCCAAGA	[1564]
Pangolin	GGATAGTATCTCATTACTGGAAGCTGACACACTAG---GGAAGGCCAAAA	[1567]
Whale	GGATAGTATCTCATTACTGGAAGCTGACACCCAG---GGAAGGCCAAGA	[1579]

[	1610	1620	1630	1640	1650]
[.]

Tonatia	CAGCACCAAGCCAACTGTGGGTGGGTCGCGAGCTGCTGGAAGCCCAAG	[1626]
Myotis	CAGCTCCAAATCAATGTGGGGATCTGTGTGCAGCAATTAATAATCCTAAA	[1626]
Tadarida	AAGCTCCAAATCAATATGCGGGTCTGTGTGCAGAAATTAATAACC?CAAG	[1617]
Taphozous	CAGCACCAAGTCAACATGCGAGTCTGTGTGCAGCAATTGAAAACCCCAAG	[1623]
Megaderma	CAGCACCAAAATCGACGTGCAGTGTGTGTGCTGCAATTGAAAACCCCAAG	[1611]
Cynopterus	CAGCACCAAAACCAATGCGAGTCTGTGTGCAGCAATTGAAAACCCCAAG	[1620]
Pteropus	CAGCACCAAAACCATCATGCA-----GCAATTAATAAACCCCAAG	[1605]
Hipposideros	CTGCACCAAAATCAACATGTGGGTGTATGTACAGCAGTTGAAAACCCCGAG	[1638]
Cat	CAGCACCAAAATCAACGTGTGAGTCTGTGTGCAGCAATTGAAAACCCCAAG	[1638]
Human	CAGAACCAAAATAATGTGTGAGTGTGAGTGTGCAGCAATTGAAAACCCCAAG	[1638]
Mouse	CAGGATCCGCTCAGTGTATGACTCAGTTGTAGCAAGCGAAAACCCCAAG	[1623]
Flyinglemur	CAGCACCAAGTCAACATGCAAAATCAGTGTGCAGCAATTGAAAACCCCAAG	[1641]
NycterisG	CAACACTAAATCAACCTGCGAGTCTGTGTGCAGCAATTGAAAACCCCAAG	[1620]
Antrozous	CAGCTTCAAATCAGTGTGGGGATCTGCGTGCAGCAGTTAAATAATCCTGAA	[1626]
Rhogeessa	CAGCTCCAGATCAGTGTGGGGATCTGTGTGCAGCAATTAAATAATCCTGAA	[1626]
Noctilio	TGCCATCAAATCAACGTGTATGTGGGTGTACAGCAATTGAAAACCCCAAG	[1626]
Natalus	CAGCTCCAAATCAAGTGTGAGTCTGTGTGCAGCAATTAAATAACCCCGAG	[1623]
Rhinolophus	CAGCACCAAAATCAACATGTGGGTGTGTGTACAGCCATTGAAAACCCCAAG	[1638]
Rousettus	CAGCACCAAAACCAATGCGAGTCTGTGTGCAGCAATTGAAAACCCCAAG	[1620]
NycterisT	CAGCACTCAGTCAACCTGCGAGTCTGTGTGCAGCAATTGAAAACCCCAAG	[1620]
Nyctimene	CAGCACCAAAACCAAAATTCAGTCTGTGTGCAGCAATTGAAAACCCCAAG	[1617]
Mole	AAGTGCCGAATCAGTGTGCAAGTCTGTGTACAAAAATGAAAACCTTAAG	[1635]
Horse	CAGCACCAAAATCAATGTGCAAAATCTATGCGCAGCAATTGAAAACCCCAAG	[1641]
Desmodus	CAGCACCAAAATCAATGTGGGGTGGGGTGCAGCAATTGAAAACCCCAAG	[1623]
Rhinopoma	CAGCACCAAAATCAACATGCGGACATGTGTGCAGCAATTGAAAACCCCAAG	[1638]
Emballonura	TGGCACCAAAATCAATGTGTGGGTCTGCGTGCAGCAATTGAAAATCCCAAG	[1623]

Cow	CTGCACCAAAATCCATGTGTGAGTCTGTGTACAGCAACCAAAAACCTCAAG	[1614]
Pangolin	CAGCACCAAAATCAATGTGCAAGTCTGTGTGCAGCAATTGAAAACCCCAAG	[1617]
Whale	CAGCACCAAAATCAACATGTGAGTCTGTGTGCAGCAATTGAAAAGCCCAAG	[1629]

[1660 1670 1680 1690 1700]
[.]

Tonatia	GAACTTATCCGTGATTGTTTCAAG-----GACACAGAGGGCGT	[1664]
Myotis	GAACTTATTCGTGGTGTCTTAAAGATATTAGAAATGACAGAGAGGGCTT	[1676]
Tadarida	GAACTTATCCATGGTGTCTTAAAGATAATAGAAATGACAGAGAGGACAT	[1667]
Taphozous	GAGTTTAAACCATGGTGTCTTAAAGATACTAGAAAGTACACAGAGGGTGT	[1673]
Megaderma	GAAATTATCCATGGTGTCTTAAAGATACTAGAAATGACACAGGGGACTT	[1661]
Cynopterus	GAACTTATTCATGATTGTTTTAAAGAACTAGAAATGACACAGAGAGCTT	[1670]
Pteropus	GAACTTATTCATGGTGTCTTAAAGATACTAGAAATGATGCAGAGGGCTT	[1655]
Hipposideros	GAACTTATCCATGGTGTCTTAAAGATACTAGAAATGACACAGAGAGCTT	[1688]
Cat	GAAGCTATCCGTGGTGTCTTAAAGATACTAGAAATGGCACAGAGAGTTT	[1688]
Human	GGACTAATTCATGGTGTCTTAAAGATAATAGAAATGACACAGAAGGCTT	[1688]
Mouse	GAACTCGTCCATGGC---TCTAACAATGCTGGGAGTGGCACAGAGGGTCT	[1670]
Flyinglemur	GAACTTATCCATGGTGTCTTAAAGGTAAGTACTAGAAATGACACAGAGGATT	[1691]
NycterisG	GAACTTATCCATGGTGTCTTAAAGATACTAGAAATGACACAGAGGGCTT	[1670]
Antrozous	GAACTTACTTGTAGTGGTCTTAAAGATACTAGAAATGGCAGAGAGGGCTT	[1676]
Rhogeessa	GAACTTATTCATGGTGTCTTAAAGATACTAGAAATGACACAGAGGGCTT	[1676]
Noctilio	GAATTTATCTATAAATGTTCTTAAAGATACTAGAAATGACACAGAGGGCTT	[1676]
Natalus	GAATTTATCCATGGTGTCTTAAAGATACTAGAAATGACACAGAGAAAGCTT	[1673]
Rhinolophus	GAACTTATCCATGGT---TCTAATGGTACTAGAAATGACACAGAGAGCTT	[1685]
Rousettus	GAACTTATCCATGGTGTCTTAAAGATACTAGAAATGACACAGA-----	[1664]
NycterisT	GAACTTATCCATGGTGTCTTAAAGGTAAGTACTAGAAATGACACAGAGGGCTT	[1670]
Nyctimene	GAACGTATTCATGGTGTCTTAAAGATACTAGAAATGACACAGAGGGCTT	[1667]
Mole	GAACTTATTCATGATTGTTCTTAAAGATACTAGAAATGACACACAGGGCTG	[1685]
Horse	GAACTTATCCATGGTGTCTTAAAGATACTAGAAATGATACACAGGGCGT	[1691]
Desmodus	GAGCTGATCTGTGATTGTTCTGATG-----ACACAGAGGGCGT	[1661]
Rhinopoma	GAACTTATCCATGGTGTCTTAAAGATACTAGAAATGACACAGAGGGCTT	[1688]
Emballonura	GAACTCAGCCATGGTGTCTTAAAGATACTAGAAAGTACACAGAGGGCTT	[1673]
Cow	GAACTTATCCATAGGGATTTTAAAGATACTAGAAATGACACAGAGGGCTT	[1664]
Pangolin	GAACTTATCCATGGTGTCTTAAAGATACTAGAAATGACACAGAGAGCTT	[1667]
Whale	GAACTTATCCATGGTGTCTTAAAGATACTAGAAATGACACAGAGGACTT	[1679]

[1710 1720 1730 1740 1750]
[.]

Tonatia	TAAGGATCTCCCAGATGTGAAGTTCAGGAG---AC-----GAGCA	[1702]
Myotis	TAAGGATCTATTGAGATGTGAAGTAAACCAC---ACGCAGGAGACAAGCA	[1723]
Tadarida	TAAGGATCTATTGAGACCTGAAGTAAACCAC---A???????????????	[1714]
Taphozous	TAAGGATCTACTGAGATGTGAAATTAACCAC---ACTCAGGAGACAAGCA	[1720]
Megaderma	TAAGGATCCACTAAGAGGTGAAGTAAACCAC---ACTCAGGAGGACAGACA	[1708]
Cynopterus	TAAAGATCCATTGAGACATGAAGTAACTCC---AC???????????????	[1717]
Pteropus	TAAAGATCCATTGAGACGTGAAGTAACTAC---A?????????????????	[1702]
Hipposideros	TAAGGATTCATTGAGACATGAAGTAAACCAC---GGTCAGGAGACAAGCA	[1735]
Cat	TACAGATCCTCTGAGACGTGAAGATA?CCAT---ACTCAGGAGACAAGTA	[1735]
Human	TAAGTATCCATTGGGACATGAAGTAAACCAC---AGTCGGGAAACAAGCA	[1735]
Mouse	CAAGCCCCCTTGGAGACACGCGCTTAAACCCT---AGTCAGGAGAAA---G	[1714]
Flyinglemur	TAAGGATCCATTGAGATGTGGAGTTGACCAC---ATTCAGAAGACAAGCA	[1738]
NycterisG	TAAGGCTCTATTGAGAAGTGAAGTAAACCAC---ACTCCAGAGACAAGCA	[1717]
Antrozous	TAAGGATCTATTGAAATGTGAAGTAAACCAC---ACTCAGACAA---GCA	[1720]
Rhogeessa	TAAGAATCTATTGAGATATGAAGTAAACCAC---ACTCAGACAA---GCA	[1720]
Noctilio	TAAGGATCTATTGAGATGTGAAGTAAACCAC---ACTCAGGAGACAAGCA	[1723]
Natalus	TAAGGATCCACTGAGATGTGAAGTAAACCAT---ACTCAGGAGACAAGCA	[1720]
Rhinolophus	TAAGGATCCATTGCAATGTGAAGTAAACCAT---GTTGAAGAGACAAGCG	[1732]
Rousettus	-----TCCATTGAGACATGAAGTAACTAC---ACTCAGAAGACAACA	[1705]
NycterisT	TAAGGATCTATTGAGAAGGGAAGTAAACCAC---ACTCCAGAGACAAGCA	[1717]
Nyctimene	TAAAGATCCATTGAGACATGAAGTAACTAC---ACTCAGAAGACAACA	[1714]
Mole	TAAGGATCCACTGAAATACGAAGTAAACCAC---ACTCAGGAGATAAGGA	[1732]
Horse	TAAGGATCCATTGAGACGTGAAGTAAACCAC---ACTCAGGAGACAAGCA	[1738]
Desmodus	TAAGGATCTCTTGGAGATGTGAAGTTCAGGAG---AC???????????????	[1708]
Rhinopoma	TAAGGATTTATTGAGAGGTGAAGTAAACCAC---ACTCAGAAGACAAGCA	[1735]
Emballonura	GAAGGATCTATTGAGATGTGAAGTAAACCAG---ACTCAGGAGACAAGCA	[1720]
Cow	TCAGGATCTACTGGGACATGACATTAACCTACGTCATTCAGGAGACAAGCA	[1714]
Pangolin	TAAGGATCTATTGAGACATGAAGATAACCAC---ACTCAGGAGACAAGCA	[1714]
Whale	TCAGGATCCACTGGGACATCACGTTAAACCAC---ATTCAGGAGGCGAGCG	[1726]

[1760 1770 1780 1790 1800]
[.]

Tonatia	TAGAAATGGAGGAGAGTGAACCTTGATACACAGTATTTACAGAATACCTTT	[1752]
Myotis	TAGAAATGGAAGAGAGTGAACCTTGATACACAGGAATTACAGAATACATTC	[1773]
Tadarida	????????GGAAGAGAGTGAACCTTGATACACAGTATTTACAGAATACATTC	[1764]
Taphozous	TAGAAATGGAAGAGAGTGAACCTTGATACACAGTATTTACAGAATACATTC	[1770]
Megaderma	TAGAAATGGAAGAGAGTGAACCTTGATACACAGTATTTACAGAAAACATTC	[1758]
Cynoapterus	??	[1767]
Pteropus	??	[1752]
Hipposideros	TAGAAATGGAAGAGAGTGAACCTTGATACACAGTATTTACAGGAAACATTC	[1785]
Cat	TAGAAATGGAAGAGAATGAACCTTGATACGCAGTGGTTATACAATACGTTC	[1785]
Human	TAGAAATGGAAGAAAGTGAACCTTGATGCTCAGTATTTGCAGAATACATTC	[1785]
Mouse	TAGAAATGGAAGACAGTGAACCTTGATACTCAGTATTTGCAGAATACATTT	[1764]
Flyinglemur	TAGAAATGCAAGAGAGTGAACCTTGATACTCAGTATTTACAAAATATATTC	[1788]
NycterisG	TAGAAATGGAAGAGAGTGAACCTTGATACGCAGTATTTACAGAATACATTC	[1767]
Antrozous	CAGAAGTGAAGAGAGTGAACCTTGATACACAGTATTTACAGAATACATTC	[1770]
Rhogeessa	CAGAAGTGAAGAGAGTGAACCTTGATACTCAGT????????????????	[1770]
Noctilio	TAGAAATAGAAGAGAGTGAACCTTGATATACAAAATTTACAGAATACATTC	[1773]
Natalus	TAGAAATGGAAGAGAGTGAACCTTGATACACAGTATTTACAGAATACGTTC	[1770]
Rhinolophus	TAGAAATGGAAGAGAGTGAACCTTGATACTCAGTATTTGCAGAAAACATTC	[1782]
Rousettus	TTGAAATAGAAGAGAATGAACCTTGATACACAGTATTTACAGAATACATTC	[1755]
NycterisT	TAGAAATGGAAGAGAGTGAACCTTGATACGCAGTATTTACAGAATACATTC	[1767]
Nyctimene	TTGAAATAGAAGAGAATGAACCTTGATACACAGTATTTACAGAATACATTC	[1764]
Mole	TAGAAATGGAAGAGAATGAACCTTGATACACAGTATTTACAGTCTACGTTC	[1782]
Horse	TAGAAATGGAAGAGAGTGAATTTGATACGCAGTATCTACAGAATATGTTC	[1788]
Desmodus	??	[1758]
Rhinopoma	TAGAAATGGAAGAGAGTGAACCTTGATACACAGTATTTACAGAGAACATTC	[1785]
Emballonura	TAGAAATGGAAGAGAGTGAACCTTGATACACAATATTTACAGAATACATTC	[1770]
Cow	GAGAAATGGAAGACAGTGAACCTTGATACACAGTATTTGCAGAATACATTC	[1764]
Pangolin	TAGGAACGGAAGAGAATAAATTTGATAAGCAGTACTTACAGAATACTTTC	[1764]
Whale	CAGAAATGGAAGAGAATGAACCTTGATACACAGTATTTGCAGAATATGTTC	[1776]

[1810 1820 1830 1840 1850]
[.]

Tonatia	AGGGTTTCAAAGCGGCAGTCATTTGCTCTGTGTTCAAATCCAGGGAATCC	[1802]
Myotis	AAGGTGTCAAAGCGCCAGTCATTTGCTCTGTTTTCAAATCCAGAA-----	[1818]
Tadarida	AAGGTTCCAAACCGTCAGTCGTTTGCTCTGTTTTCAAATCCAGAA-----	[1809]
Taphozous	AAGTTTCAAAGCGTCAGTCATTTGCTCTGTTTTCAAATCCAGAAAATCC	[1820]
Megaderma	AAGGTTCCAAACCGTCAATCATTGCTCTGCTTTCAAATCCAGGAAATCC	[1808]
Cynoapterus	??	[1812]
Pteropus	??	[1797]
Hipposideros	AAGTTTCAAAGCGTCAATCATTGCTCTGTTTTCAAATCCAGGAAATCA	[1835]
Cat	AAGGGTCAAACCGTCAGTCATTTGCTCTGTTTTCAAATCCAGGAAACCC	[1835]
Human	AAGTTTCAAAGCGCCAGTCATTTGCTCCGTTTTCAAATCCAGGAAATGC	[1835]
Mouse	CAAGTTCAAAGCGTCAGTCATTTGCTTTATTTCAAACCTAGAAAGTCC	[1814]
Flyinglemur	AAGTTTCAAACCGTCAGTCATTTGCTCTCTTTCAAATCCAGGAAATCC	[1838]
NycterisG	AAGTTTCAAAGCGTCAATCATTGCTCTGTTTTCAAATCCAGGAAATCC	[1817]
Antrozous	AAGGCTTCAAAGCGCCAGTCATTCGCTCTGTTTTCAAATCCGGGA-----	[1815]
Rhogeessa	??	[1815]
Noctilio	AAGTTTCAAACCGTCAGTCATTTGCTCTGTTTTCAAATCCAGGA-----	[1818]
Natalus	AAAGTTCAAAGCGTCAGTCATTTGCTCTGTTTTCAAATCCAAA-----	[1815]
Rhinolophus	AAGTTTCAAAGCGTCAGTCATTTGCTTTGTTTTCAAATCCAGAAAATCC	[1832]
Rousettus	AAAGTTCAAAGCGTCAGTCATTTGCTTTGTTTTCAAACCCAGGAAATCT	[1805]
NycterisT	AAGTTTCAAAGCGTCAATCATTGCTCTGTTTTCAAATCCAGGAAATCC	[1817]
Nyctimene	AAGTTTCAAAGCGTCAGTCGTTTGCTTTATTTCAAACCCAGGAAATCT	[1814]
Mole	AAAGCTTCAAAGCGTCAATCATTGCTCTGTCTTCCATCCGGGAAATTC	[1832]
Horse	AAGTTTCAAAGCGTCAGTCATTTGCTCTGTTTTCAAATCCAGGAAAGTCC	[1838]
Desmodus	?????????AAGCGCAATCATTGCTCTGTGTTCAAATCCAGGAAATCC	[1808]
Rhinopoma	AAGTTTCAAAGCGTCAGTCATTTGCTCTGTTTTCAAATCCAGGAGATCC	[1835]
Emballonura	AAGTTTCAAAGCGTCAGTCATTTGCTCTGTTTTCAAATCCAGGAAAGTCC	[1820]
Cow	AAGCTTCAAAGCGTCAGACATTTGCTCTGTTTTCAAATCCAGGAAATCC	[1814]
Pangolin	AGGGTTTCAAAGCATCAGTCATTTGCTCAGTTTTCAAATATGGGAAATCC	[1814]
Whale	AGGGTTTCAAAGCGTCAGACGTTTGTCTGTTTTCAAATCCAGAA-----	[1821]

[1860 1870 1880 1890 1900]
[.]

Tonatia	AGGAAAGGAATGTGCAACCATGTATTTCCACTCCAGGTCCACAAGGAAAC	[1852]
Myotis	----AAGGAATGTGCAACAGCCTATGCTCACTCCAGTCTTTAAGGAAAC	[1864]
Tadarida	----AAGGAATATGCAACAGTCTATGGCCACTCCAGGTCTTAAGGAAAC	[1855]
Taphozous	AGAAAAGGAATGTGCAACAGTCTATGCCACTCCAAGTCTTAAGGAAAC	[1870]
Megaderma	AGAAAAGGAATGTGCAACAGTCTGTGCCACTCCAGTCTTAAGGAAAC	[1858]
Cynoapterus	----AAGGAATGTGCAACAGGCTATGCCACTCCAGGTCTTGATAAAAC	[1858]
Pteropus	----AAGGAATGTGCAACAGGCTATGCCACTCCAAGTCTTGAGGAAAC	[1843]

Hipposideros	AAGAAAGGAATGTGCAACAATCCAGTCC-----AGGTCCTTAAGGAAAC	[1879]
Cat	AGAAAAGGAATGTGCTACAGCCTGGGCCCGTTCCACGTCCTTAAGGAAAC	[1885]
Human	AGAAGAGGAATGTGCAACATTCTTGCCCACTCTGGGTCCTTAAGGAAAC	[1885]
Mouse	CCAAAAGGACTGTGCT---CACTCTGTGCCCTCA-----AAGGAAC	[1852]
Flyinglemur	AGAAAAGGAGTGTGCAACAGTCTATGCCCACTCCAGGTTGTTAAGGAAAC	[1888]
NycterisG	AGAAGAGGACTGTGCC-----ACTTCAGGTCCTTAAGGAAAC	[1855]
Antrozous	----AAGGAATGTGCAACAGTCTGTGCTCACTCCAGTCTTTAAGGAAAC	[1861]
Rhogeessa	----AAGGAATATGCAACAGTCTATACTCACTCCAGTCTTTAAGGAAAC	[1861]
Noctilio	----AAGGAATGTGCAGTCTGTCTGTCTCACTCCAGGTCACAAGGAAAC	[1864]
Natalus	----AAGGAATGTACCACAGTCTATACCACTCCAAGTCCTTAAGGAAAC	[1861]
Rhinolophus	AGAAAAGGAATGTGCAACAGTCTATACTCACTCCAGGTCCTTAAGGAAAC	[1882]
Rousettus	AGAAAAGGAATGTGCAACAGGCTATGCCCACTCCAGGTCCTTGAGGAAAC	[1855]
NycterisT	AGAAAGCTCTGTGCC-----ACTCTAGGTCCTTAAGGAAAC	[1855]
Nyctimene	AGAAAAGGAATGTGCAACAGGCTATGCCCACTCCAGGTCCTTGAGAAAC	[1864]
Mole	AGAAAAGAAATATCCCCAGTCTGTGCCCTTCCAGGTCCTTGAAAGAGAC	[1882]
Horse	AGAAAAGAAAGTGTGCAACAGTCACTGCCCACTCCAGGTCCTTAAGGAAAC	[1888]
Desmodus	AGAAAAGGAATGTGCATCCGCTTTTGCCCACTCCGGGTCACAAGGAAAC	[1858]
Rhinopoma	AGAAAAGGAATGTACAACAGTCTATGCCCACTCCAGTCTTTAAGGAAAC	[1885]
Emballonura	AGGAAAGGAATGTGCGACTATCTATGCCCCCTCCAGGTCCTCAAGGAAAC	[1870]
Cow	ACAAAAGGAATGTGCCACAGTCTTTGCCCACTCCGGGTCCTTAAGGATC	[1864]
Pangolin	AGAAAAGGAATGTGCAGCAGTCACTGCCCACTCTGGGTCCTTAAGGAAAC	[1864]
Whale	----AAGGAATGTGCAACAGTCTGTGCCCGCTCTGGGTCCTTAAGGAAAC	[1867]

[	1910	1920	1930	1940	1950]
[.]

Tonatia	GAAGTCCAAAAGTTACTCTTGAATGTGGACGAAAA--GAACATCAGGGA	[1899]
Myotis	AAAGTCCAAAAGTCACCTCTTGAATGTGGACAAAAAGAAGAAATCAGGGA	[1914]
Tadarida	AAAGTCCAAAAGTCACCTCTTGAATGTGGACAAAAAGAAGAAATCAGGGA	[1905]
Taphozous	ACAGTCCAAAAGTCACCTTTGGATGTGGTCAAAAAGAAGAAATCAGGAA	[1920]
Megaderma	AAAGTCCAAAAGTCACCTCTTGAATGTGGACAAAAAGAAGAAATCAGGGA	[1908]
Cynopterus	AAAGTCCAAAAGTCACCTCTTGAATGTGACCGAAAA--GAAATCAGGGA	[1905]
Pteropus	AAAGTCCAAAAGTCACCTCTTGAATGTGACCGAAAA--GAAATCAGGGA	[1890]
Hipposideros	AAAGTGCAAAAGTCACCTCTTGAATGTGGACAAAAAGAAGAAATCAGGGA	[1929]
Cat	AAAGTCCAAAAGTCGCTCTTGAATATGAACAAAAAGAAGAAATCAGGGA	[1935]
Human	AAAGTCCAAAAGTCACCTTTGAATGTGAACAAAAAGAAGAAATCAAGGA	[1935]
Mouse	TGAGTCCAAAAGTGACAGCTAAAGGTAACAAAA--GAACGTCAGGGA	[1899]
Flyinglemur	AAAGTCCAAAAGTCACCTCTTGAATGTGAACAAAAAGAAGAAATGAGGGA	[1938]
NycterisG	AAAGTCCAGAAGTCACCTTAGAATATGAACAAAA--GAAACCCAGGGA	[1902]
Antrozous	AAAGTCCAAAAGTCACCTCTTGAATGTGGACAAAAAGAAGAAATCAGGAA	[1911]
Rhogeessa	AAAGTCCAAAAGTCACCTCTTGAATGTGGACAAAAAGAAGAAATCAGGAA	[1911]
Noctilio	AAAGTCCAGAAGTACTCTTGAATGTGAAGAAAA--GAAGAACAGGGA	[1911]
Natalus	AAAGTCCAAAAGTCACCTCTTGAATGTGGACAAAAAGAGGAAATCATGGA	[1911]
Rhinolophus	AAAGTCCAAAAGTCACCTCTTGAATGTGGACAAAAAGAAGAAATCGGGGA	[1932]
Rousettus	ACAGTCCAAAAGTCACCTCTTGAATGTGAGCGAAAA--GAAATCAGGGA	[1902]
NycterisT	AAAGTCCAGAAGTCACCTTAGAATATGAACAAAA--GAAAACCCAGGGA	[1902]
Nyctimene	AAAGTCCGAAAGGCACTCTTGAATGTGAACGAAAA--GAAATCAGGGA	[1911]
Mole	AAACTCCAAAATCACCTCTGGAATGTGAAGTAAAGAAAGAAATCAAGGG	[1932]
Horse	AAAGTCCAAAAGTCACCTTTAAATGTGGACAAAAAGAAGAAAGGAGGGA	[1938]
Desmodus	AAAGTCCAAAAGTTACTCTTGAATGTGGACAAAA--GAAATCGAGGA	[1905]
Rhinopoma	AAAGTCCAAAAGTCACCTCTTGAATGTGGACAAAAAGAAGAAATCAGGGA	[1935]
Emballonura	AAAG-----TCTTGGATGTGGACAAAAAGAAGAAATCAGGGA	[1908]
Cow	AAAGTCCAAAGAGACCCCTCAAATGCAGACAAAAAGAAGACAGTCAGGGA	[1914]
Pangolin	AAAGTCCAAAAGTCACCTCTTGCATATGGACAAAAAGAAGAAATGAGGGA	[1914]
Whale	AAAGTCCAAAGAGTCCCTCTTGAATGCAGACAAAAAGAAGAAATCAGGGA	[1917]

[	1960	1970	1980	1990	2000]
[.]

Tonatia	GAGAAAGGAATTTAATATGAGAGCTGCGCAGCCACCTTACACAACAGCAGG	[1949]
Myotis	AAGAAAGAATCTAAAATCAAGCATGTACAGGCAGTTACACAGCTGTAGG	[1964]
Tadarida	GAGAAAGAATCTGAAATCAAGTATGTACGGGGAGTTACACAACCTGCAGG	[1955]
Taphozous	GAGAAAGAATCTAAAATCAAGCATGTACAGGCTGTTACACAGCTGCAGG	[1970]
Megaderma	AAGAAAGAGTCCAAAATCAAGCATGTGCAGGCAGTTCCAAACAACCTGCAGG	[1958]
Cynopterus	AAGAAAGAGTCTAACAT?GAGCATGTGCAGGCAGTTTATACAACCTATAGG	[1955]
Pteropus	AAGAAAGAGTCTAACGTCAGCATGTGCAGGCAGTTTATACAACCTGTAGG	[1940]
Hipposideros	AAGAAAGATTTAAAATCAAGCTTGTACAGGCAGTTTATACAACCTGCAGG	[1979]
Cat	AAGAATCAGTCTGAAATCAAGCATGTGCAGGCAGTCCGTCACACTGCAGG	[1985]
Human	AAGAAAGAGTCTAATATCAAGCTGTACAGACAGTTAATATCACTGCAGG	[1985]
Mouse	CAGGAAGAATTTGAAATCAGTCAGTACAAGCAGTTGCGGCCACAGTGGG	[1949]
Flyinglemur	AATAAAGAGTCTAAAATCAAGCACATACAGGCAGTTAATACCACCTGTGGG	[1988]
NycterisG	GAAAAAGAATCTAAAATCAAGCATATACAGGCAGTTTACGCAGCTGCCGG	[1952]
Antrozous	AAGAAAGAATCTAAAATCAAGCATGTACAGGCAGTTTACACAGCTGTAGG	[1961]

Rhogeessa	AAGAAAGAATCTAAAATCAAGCATGTACAGGCAGTTACACAACCTGAAGG	[1961]
Noctilio	GAGAAAGAATCTAAAAGTCAAGCATGTACAGGCAGTTACACAACCTGCAGG	[1961]
Natalus	GAGAAAGAATCTAATATCAAGCATGTACAGGCAGTTACACAACCTGGAAG	[1961]
Rhinolophus	AACACAGATTCTAAAACCTCAGGCATGTGCAGGAAGTTACATACAACTGTAGG	[1982]
Rousettus	AAGAAAGAGTCTGACGTCAAGCATGTGCAGGCAGTTATACAACTGTAGG	[1952]
NycterisT	GAAAAAGAATCTAAAATCAAGCATATACAGGCAGTTACACAACCTGCAGG	[1952]
Nyctimene	AAGAAAGAGTCTAAAATCAAGCATGTGCAGGCAGTTACATACAACTGTGGG	[1961]
Mole	AAGAAAGAGTCTAAAACCTCAGGCATGTACAGGCAGTACATAGAATTGCAGA	[1982]
Horse	AAGAAAGAGTCTAAAATCAAGCATGTGCAGTCAGTTACACAACCTGTGGG	[1988]
Desmodus	GGGAAGGAATTTAGTATCGAGCACGCACAGGCACCTCACACAACAGCAGG	[1955]
Rhinopoma	AAGAAAGAGTCTAAAATCAAGCATGTGCAGGCAGTTACATACAACTGCAGG	[1985]
Emballonura	GAGAAAGAACCTAAAATCAAGCATGTACAGGCAGTTACACAACCTGCAAG	[1958]
Cow	AAGAGTGAGTCTAAAAGCCAGCACGTGCAGGCCATTGTACAAACAGTGCA	[1964]
Pangolin	AAGAAAGAGTCTGAAATCAAGCATGTTCAAACAATTCATACAACTGCAGG	[1964]
Whale	AAGAGTGAGTCTAAAATCAAGCATGTGCAGGCAGTTAATAACAACCTGTGGA	[1967]

[	2010	2020	2030	2040	2050]
[.]

Tonatia	CTTTCCTAAGGGTTGTGAGAAAGACAAAACGCCAGGAGAGTGTGCCACAT	[1999]
Myotis	CTTTCCTGTGGTTTGTGAGAAAGACAGAAAGCCAGGAGAGTATGCCAAAT	[2014]
Tadarida	CTTTCCTGTGGTTTGTGAGAAAGACGAAAAGCCAGAAGAATATGCCAAAT	[2005]
Taphozous	CCTTCCTGCCATTTGTGAGAAAGACAGAAGCCAGGAGAATATGACAGAT	[2020]
Megaderma	CTTTCCTGTGGTTTGTGAGAAAGAAAAAATCCAGGAGATTATGCCAAAT	[2008]
Cynopterus	CTTTCCTGGGGTTTCTGAGAAAGACAAAAGCCAGGAGATTATGCCAGAT	[2005]
Pteropus	CTTTCCTGTGGTTTGTGAGAAAGAAAAAAGCCAGGAGATTATGCTAAAT	[1990]
Hipposideros	CTATCCTGTGGTTTGTGAGAAAGATGAAAATCCAGGAGATTATGCCAAAT	[2029]
Cat	CTTTTCTGCAGTCAGTCAGAAAGTGGAGAAGCCAGGTGATTATGCCAAAT	[2035]
Human	CTTTCCTGTGGTTGGTCAGAAAGAT---AAGCCAGTTGATAATGCCAAAT	[2032]
Mouse	CTTACCTGTGCCCTGTCAAGAAGGT---AAGCTAGCTGCTGATACAATGT	[1996]
Flyinglemur	CTTTTCTGTCTTTTGTGAGAATGTTAAGAAGCCAGGTGATTATGCCAAAT	[2038]
NycterisG	ATTTTCTGTCTTTGTGAGAAAGACATAAAGCCAGGAGAATATGCCAAAG	[2002]
Antrozous	CTTTCCTGTGGTTTGTGAGAAAGACGAAAAGCCGGGAGAGGATGCCAAAC	[2011]
Rhogeessa	CTTTCCTGTGGTTTGTGAGAAAGACAAAAGCCAGGAGAGGATGTCAAAT	[2011]
Noctilio	ATTCCTGTGGTTTGTGAGAAAGGCAAGAGCCAGGAGGGGATGCCAAAT	[2011]
Natalus	CTTTCCTGTGGCTTGTGAGAAAGACAAAAGCCAGGAGAGTATGCTAAAT	[2011]
Rhinolophus	CTTTCCTGTGGTTTGTGAGAAAGACGAAAATCCAGGAGATTATGCCAAAT	[2032]
Rousettus	TTTTTCCTGTGGTTTGCAGAAAGACAGAAAAGCCAGGAGATTATGCCAAAT	[2002]
NycterisT	ATTTTCCTGTCTTTGTGAGAAAGACATAAAGCCAGGAGAATATGCCAAAG	[2002]
Nyctimene	CTTTCCTGTGGCTTATGAGAAAGACAAAAGCCAGGAGATTATGCCAAAT	[2011]
Mole	CTTAACTGTGGCTTGTGAGAAAGACGAAAATCCAGGAGATTATGCCAAAT	[2029]
Horse	CTTTCCTGTGATTTGTGAGAAAGATAAGAAGCCAGGTGACTATGTCAAAT	[2038]
Desmodus	CTTTCCTGTGGTTTGTGAGAAAGACAAAAGCCAGGAGAGTATGCCAAAT	[2005]
Rhinopoma	CTTTCCTGTGATTTCATGAGAAAGAAAAAAGCCAGAAGATTATGCCAAAT	[2035]
Emballonura	CTTTCCTGTCTTTTGTGAGAAAGACAAAAGCCGGGAGAATATGCCAAAT	[2008]
Cow	CTTTCCTGTGGCTGATCAGCAAGATAGGACGCCAGGTGACGATGCCAAAT	[2014]
Pangolin	CCCTCTTGTGGTTAGTCAGAAAGATGAGAAGCCAGGTGATTATGTAATAAT	[2014]
Whale	CTTCCCTGTGTGGTCAAAAAGATAAGAAGCCAGGATCATGCCAAAC	[2017]

[	2060	2070	2080	2090	2100]
[.]

Tonatia	ATACTATGAAAGGAATCTCTAAGCCTTGTGAGTATCTTCGTTTCAGAGGC	[2049]
Myotis	ACAGCATAAAAAGGAACCTCTATGCATTGCC?GTCCTCTCAGTTTCAGAGGC	[2064]
Tadarida	GTAGCATAAAAAGGAACCTCTAGCCTTTGTGACGCCACCTCAGTTTCAGAGGC	[2055]
Taphozous	ACAAATAAAAAGGAATCTCTAGGCTTTGTGAGTATCTCAGTTTCAGAGGC	[2070]
Megaderma	ATACCAAAAAAGGAGTCTCTAGGCTTCGTCAGTCATCTCAGATCAGAGGC	[2058]
Cynopterus	ATGGCATAAAAAGGAGTCTCTAGGCTTTGTGAGTATCTCAGTTTCAGAGGC	[2055]
Pteropus	ATGGCATAAAAAGGAGTCTCTAGGCTTTGTGAGTATCTCAGTTTCAGAGGC	[2040]
Hipposideros	ACAGCACAAAAGGAGTCTCTAGGCTTTGTCAATCATCTCTGTTTCAGAAGC	[2079]
Cat	GTAGCATAAAAAGGAGTCCCTGGGCTCTGTCAGTCATCTCAGTTTCAGAGGC	[2085]
Human	GTAGTATCAAAGGAGGCTCTAGGTTTTGTCTATCATCTCAGTTTCAGAGGC	[2082]
Mouse	GTGAT-----AGAGGTTGTAGGCTTTGTCCATCATCTCATTACAGAAGC	[2040]
Flyinglemur	TTAGCATAAAAGGAGTCTCTAGGCTTTGTGAGTATCTCAGTTTCAGAGGC	[2088]
NycterisG	ATACAACAAAAGGAATCTCTAGGCTTTGTGAGTATCTCAGTTTCAGGAAC	[2052]
Antrozous	ACAGCATAAAAAGGAACCTCTGGGCATGGTCAGTCCTCTGGGTTTCAGAGGC	[2061]
Rhogeessa	GCGGCATAAAAAGGAACCTCTAGGCTTTGTGAGTATCTCAGTTTCAGAGGC	[2061]
Noctilio	ATAGTGTGGAAGGAATCTCTAGGCTTTGTGAGTATCTCAGTTTCAGAGGC	[2061]
Natalus	ATAGCATAAAAAGGAACCTCTAGGCTTTGTGAGTATCTCAGTTTCAGAGGC	[2061]
Rhinolophus	ATAGCATAAAAAGGAGTCTCTGGACTTTGTCAATCATCTCTGTTCAAAGGC	[2082]
Rousettus	ATGGCATAAAAAGGAGTCTCTAGGCTTTGTGAGTATCTCAGTTTCAGAGGC	[2052]
NycterisT	ATACAACAAAAGGAATCTCTAGGCTTTGTCAATCATCTCAGTTTCAGGGAC	[2052]
Nyctimene	ATGGCATGAAAGGAGTCTCTAGGCTTTGTGAGTATCTCAGTTTCAGAGGC	[2061]

Mole	GTAGCATAAAAGGAGTCTCTAGGCTTTGTGTCAGTCATCTCAGTTCAGAGGC	[2079]
Horse	GTAGCACAAAAGAACCTCTAGGCTTTGTGTCAGTCATCTCAGTTCAGAGGC	[2088]
Desmodus	ATAGTCCGAAAAGAACCTCTAGTCCCTTGTGTCAGTCATCTCAGTTAGAGGC	[2055]
Rhinopoma	ATAGCATAAAGGGAATCTTTAGGCTTTGTGTCAGTCATCTCAGTTCAGAGGC	[2085]
Emballonura	ACAGTATAGAAGGGATCTCTAGGCTTTGTGTCAGTCACCTCAGATCAGAGGC	[2058]
Cow	GTAGCGCAAAAAGAAGTAACTAGGGTTTGTGTCAGTCATCACAGTTGAGAGGC	[2064]
Pangolin	TTGGCATAAAAGGAGTCTCTACGCATTGTGTCAGTCATCTCAGTTCAGAGGC	[2064]
Whale	GTAGCCCAAAAAGAGTAACTAGGCTTTGTGTCAGTCATCACAGTTCAGAAGC	[2067]

[2110 2120 2130 2140 2150]
[.]

Tonatia	AATGAAACTAACTCACTATTGAAAATAAATATGGGATTTACAAAACCC	[2099]
Myotis	AACAAAACCTGAACTCACTATTACAGATAAATATGGACTTTCCCAAACCC	[2114]
Tadarida	AACGAAACTGAACTCACTATTGCAAAATAAACCCGGAATTTACGAAAACCC	[2105]
Taphozous	AATGAAACTGAACTCACTATTGAAAATAAACACAGAATTTTACAAAACCC	[2120]
Megaderma	AACAAAACCGAACTCACTGTTACAAAATAAACATGGAATTTCTCAAAAACCC	[2108]
Cynopterus	AATGAAACTGAGCTCACTATTGCAAAATAAACTTGGACTTTACAAAACCC	[2105]
Pteropus	AATGAAACTGAACTCACTATTGCAAAATAAACTTGGAAATTTACAAAACCC	[2090]
Hipposideros	AACGAAACTGAACTCACTATTGCAAAATAAACATGGAATTTCTCAAAAACCC	[2129]
Cat	AATGAAACTGAACTCTTTATTGCAAAATAAACATGACATTTCAAAAACCC	[2135]
Human	AACGAAACTGGACTCATTACTCCAAATAAACATGGACTTTTACAAAACCC	[2132]
Mouse	GGGGAGAATGGACTCAGCGCCACAGGTAAATCAGGAATTTACAAAACCTC	[2090]
Flyinglemur	AATGAAACTGAACTCATTACTGCAAAATAAACATGGAATTTTACAAAACCTC	[2138]
NycterisG	AACAAAACCTGAACTCACTCTTGGAAAATAAATACAGAATTTACAAAACCC	[2102]
Antrozous	AAAGAAACTGAACTCGCTATCGCAGATGTACATGGAATTTACAAAACCC	[2111]
Rhogeessa	AAAGACTGAACTCACTATCGCCGATAAACATGGAATTTACAAAACCC	[2111]
Noctilio	AATGAAACTGAACTCACTATTGAAAGGAAACACAGAATTTACAAAACCC	[2111]
Natalus	AACGAAACTGAACTCACTATTGCAAAATAAACACAGAATTTACAAAACCC	[2111]
Rhinolophus	AACAAAACCTGAACTCACTATTGCAAAATAAACATGGAATTTGCTGAAAACCC	[2132]
Rousettus	AATGAAATGGAACCTCACTATTGCAAAATAAACTTAGAATTTACAAAACCC	[2102]
NycterisT	AACGAAACTGAGTTCATTAATTGAAAATAAATACAGAATTTACAAAACCC	[2102]
Nyctimene	AATGAAACTGAACTCACTATTGCAAAATAAACTTGGAAATTTACAAAACCC	[2111]
Mole	AACGAAAACAGAAAGTCAATTGTTGCAAAATAAACGTTAATCTTACAAAACCC	[2129]
Horse	AACGAAAC?GAACTTATACTGCAAAATAAACATGGAATTTACAAAACCC	[2138]
Desmodus	AATGAAACTAACTCACTATTGAAAATAAATACAGCATTTACAAAACCC	[2105]
Rhinopoma	AACGAAACTGAACTCACTACTGCAAAATAAACCTGCAATTTCTCAAAAACCC	[2135]
Emballonura	AACGAAACTGAACTAAGTCTGTTAAAATAAACACAGAATTTACAAAACCC	[2108]
Cow	CACAAAACCTGAACTTGTFTTTGCAAAATAAACAGGGTTTACAGAAAACCC	[2114]
Pangolin	AATAAACTGAACTTATTTTGGCAAAATAAACCTGGAATTTACAAAACCC	[2114]
Whale	AACAAAACCTGAGTTCATTAATTGCAAAATAAACATGGGATTTACAAAACCC	[2117]

[2160 2170 2180 2190 2200]
[.]

Tonatia	CTATCACATACCACCCATTTCTCCCCTCAGGTCATCTGTTAAAACCTACAA	[2149]
Myotis	ATATCATATACCATCCATTTCTCCCATCAAGTCATTTGTTAAAACCTGTAA	[2164]
Tadarida	ATATCATATACCATCCATTTCTCCCATCAGGTCCTTTGTTAAAACCTATAA	[2155]
Taphozous	ATATCATATATACCACCCATTTCTCCCATCAGGTCATCTGTTAAAACGATAA	[2170]
Megaderma	ATATCATATACCACCCATTTCTCCCATCAGGTCATCTGTTAAAACCTATAT	[2158]
Cynopterus	ATATCATATGCCATCCATTTCTCCCATCAAGTCATCTGTTAAAACCTATAT	[2155]
Pteropus	ATATCATATGCCATCCATTTCTCCCATCAAGTCATCTGTTAAAACCTACAT	[2140]
Hipposideros	ACATAATATACCACATATTTCTCCCATCAGGTCATCTGTTAAAACCTGTAT	[2179]
Cat	TTATCATATACCACCCATTTCTCCCATCAGATCATCTGTTAATGCTGTAT	[2185]
Human	ATATCGTATACCACCCATTTCTCCCATCAAGTCATTTGTTAAAACCTAAAT	[2182]
Mouse	ACATTTTAAACAATCAGTTTCTCCCATCAGGTCATCTATAAAAACCTGACA	[2140]
Flyinglemur	ATGTCATATGTCATCACTTTCCCCATCAGGTCATCTGTTAAAATTAAT	[2188]
NycterisG	ATATCATATACCACCCATCTCTCCCATTAGGTTATCTAGTAAAACCTGTAA	[2152]
Antrozous	ATATCATATACCATCCATTTCTCCCATCAGGCCATTTGTTAAAACCTGTAA	[2161]
Rhogeessa	ATATCATATACCATCCATTTCTCCCATCAGGCCATTTGTTAAAACCTGTAA	[2161]
Noctilio	TTATCATATACCACCCATTTCTCCCATCTGGTCATCTGTTAAAACCTATAA	[2161]
Natalus	ATATCATATACCATCCATTTCTCCCATGAAAGTCATCTGTTAAAACCTATAA	[2161]
Rhinolophus	ATATAGTATACCACATATTTCTCCCATCAGGTCATCTATTTAAAACCTATAT	[2182]
Rousettus	ATATCATATGCCATCCATTTCTCCCATCAAGTCATCTGTTAAAACCTACAT	[2152]
NycterisT	ATATCATATACCATGCATCTCTCCCATTAGGTTATCTATTTAAAACCTGTAA	[2152]
Nyctimene	ATATCATATGCCATCCATTTCTCCCATCAAGTCATCTGTTAAAACCTATAT	[2161]
Mole	ATATCTTATTCACCACCTTTCTTCAATTCAGTCATCTGTTAAAAGTGTCT	[2179]
Horse	ATATCATATACCATCACTTTCTCCCATCAGGTCATCTGTTAAAACCTGTAT	[2188]
Desmodus	ATATCATATACCATCCATTTCTCCCCTCAGGTCATCTGTTAAAACCTGTAA	[2155]
Rhinopoma	ATATCATATACCATCTATTTCTCCCATCAGGTCATCTGTTAAAACCTATAT	[2185]
Emballonura	CTGTCATGTACCATACATTTCTCCCATCAAGTCATCTGTTAAAACCTGTAA	[2158]
Cow	AAATCTTATACCATCACTTTCTCCCATCAAGTCATCTGTTAAAACCTATAT	[2164]
Pangolin	ATATCATATATCATCAATTTCTCCCATCAGGTCATCTGTTAAAATAATAT	[2164]

Whale ATATCTTATACCATCACTTTCTCCCATCAGGTCATCTGTAAAACCTATAT [2167]

[2210 2220 2230 2240 2250]
[.]

Tonatia GTAAGAAGAACCCTGTCAGAGGAGAAGTGTGAGGAACATTCAGTGTACACCT [2199]
Myotis GTAAGAAAAACCTGTCAAAGGAAAAAGTTTGAGGAACATTTAGTGTACACCT [2214]
Tadarida ATAAGAAAAACCTGTCAGAGGAAAAGTTTGAGGAACATTCAGTGTACACCT [2205]
Taphozous GTAAGAAAAACCTGTCAGAGGAAAAGTTTGAGGAACAGTCACTGTACACCT [2220]
Megaderma GTAAGAAAAACCTGTCAGAGGAAAACCTTGAGGCATATTTGGTGTACACCT [2208]
Cynopterus GTAAGAAAAATCTGTCAGAGGAAAAGTTTGAGGAACATTCATATTCCT [2205]
Pteropus GTAAGAAAAATCTGTCAGAGGAAAAGTTTGAGGAACATTCATATTCCT [2190]
Hipposideros GTAAGAAAAACCTGTCAGAGGAAAACCTTGAGGAATATCCAGTGTACACCT [2229]
Cat GTAAGAAAAACCTGTCAGAGGAAAAGTTTGAGCAGCGTTCAATGTACACCT [2235]
Human GTAAGAAAAATCTGTCAGAGGAAAACCTTTGAGGAACATTCATGTACACCT [2232]
Mouse ATAGGAAACCTCTGACAGAGGACGATTTGAGAGACATACATCACT [2190]
Flyinglemur GTAAGAGAACCCTGTCAGAGGAAAAGTTTGAGGAACATTCAGTGTACACCT [2238]
NycterisG GTAAGAAAAACCTGTCAGAGGAAAAGTTTGAGGAACATTCATGTCTCCT [2202]
Antrozous GTAAGAAAAACCTGTCAGAGGAAAAGTTTGAGGAACATTCAGCGTACACCT [2211]
Rhoageessa GTAAGAAAAACCTGTCAGAGGAAAAGTTTGAGGAACATTCAGTGTACACCT [2211]
Noctilio ATAAGAAAAACCTGTCAGAGGAAAAGTTTGAGGAACATTCATGTACACCT [2211]
Natalus GTAAGAAA---CCTGTCGAGGAAAAGTTTGAGGAACACTCAGTGTACACCT [2208]
Rhinolophus GTAAGAAAAACCTGTCAGAGGAAAACCTTGAGGAACATTCAGTGTACACCT [2232]
Rousettus GTAAGAAAAATCTGTCAGAGGAAAAGTTTGAGGAACATTCATATTCCT [2202]
NycterisT GTAAGAAAAACCTGTCAGAGGAAAAGTTTGAGGAACATTCATGTCTCCT [2202]
Nyctimene GTAAGAAAAATCTGTCGAGGAAAAGTTTGAGGAACATTCATATTCCT [2211]
Mole GTAAGAAAAACCTGTCGAGGAAAAGCTTGAGGAACACTCATGGTCAACC [2229]
Horse GTAGAAAAACCTGTCAGAGGAAAAGCTTGAGGAACAGTCACTGTACACCT [2238]
Desmodus GTAAGAAAAACCTGTCAGAGGAAAAGTTTGAGGAACATTCAGCGTACAGT [2205]
Rhinopoma GTAAGAAAAACCTGTCAGAGGAAAACCTTTGAGGAACATTCAGTATACACCT [2235]
Emballonura GTAAGAAAAACCTATCAGAGGAAAAGTTTGAGGAACATTTAATGTACACCT [2208]
Cow GTAAGAAAAACCTGTCAGAGGAAAAGTTTGAGGAACATTCAGTGTACACCT [2211]
Pangolin GTAAGAAAAACCTGTCAGAGGAAAAGCTGTGGAACATTCAGTGTACATG [2214]
Whale GTAAGAAAAACCTGTCAGAGGAAAAGTTTGAGGAACCTGTAAGGTACACCT [2217]

[2260 2270 2280 2290 2300]
[.]

Tonatia GCCAGAGCCGTGGGACCTGAGAACATCATTACAGGTACAGCGGGCACTCC [2249]
Myotis GAAAGAGCAATGGGAAATGAG---AACATTCAAAGTACAGTGTAGCCCAAT [2261]
Tadarida GAAAGAGCAATGAGAAATGAG---AATATTCTAAGTACAGTGTAGCCCAAT [2252]
Taphozous GAAAAAGCAATGGGAAATGAGAACATCATTCAAAGTACAGTGTAGCACAAT [2270]
Megaderma GAAAGAGCAATGGGAAATGAGAGCATTGTTCAAAGTACAGTGTAGCACAAT [2258]
Cynopterus GAAAGAGCAATAGGAAATGAGACCATCATTCAAAGTACAGTGTGGCACAAT [2255]
Pteropus GAAAGAACAAATAGGAAATGAGACCATCATTCAAAGTACAGTGTGGCACAAT [2240]
Hipposideros GAAAGAGCAATGGGAAATGAGAGCATTCAAAGTACAGTGTAGCACAAT [2279]
Cat GAAAGAGCAGTGGGAAATGAGAGCATTCAAAGTACAGTGTAAACACAAT [2285]
Human GAAAGAGAAATGGGAAATGAGAACATT---CAAAGTACAGTGTAGCACAAT [2279]
Mouse GAGATGGCGGTGGGAAATGAGAACATTCTTCAGAGTACAGTGTACACACAGT [2240]
Flyinglemur GAAAGAGCAATGGCAAACAAGAGAATCATTCAAAGTACAGTGTAAACACAAT [2288]
NycterisG GAAAGAGCAGTGGAAAGTGTAGAACATCATTCAAAGTACAGTGTGGCACAAT [2252]
Antrozous GAAAGAGCAATGGGAAATGAG---AGCGTTACAGTGTAAATGAGCCCAAT [2258]
Rhoageessa GAAAGAGCAACCGGAAATGAG---AGTGTTCAGAGTACATGTAGCCCAAT [2258]
Noctilio GAAAGAGCAATGGGAAATGAGAACATCATTCAAAGTACAGTGTAGCACAAT [2261]
Natalus GAAAGAGCAATGGGAAATGAGAACATT---CAAAGTACAGTGTAGCCCAAT [2255]
Rhinolophus GAAAGAGCAATGGGAAATGAGAACATTCAGAACATTCAGAACATTCAGTGTAGCACAAT [2282]
Rousettus GAAAGAACAAATAGGAAATGAGACCATCATTCAAAGTACAGTGTGGCACAAT [2252]
NycterisT GAAAGAGCAGTGGGAAATGAGAACATCATTCAAAGTACAGTGTGGCACAAT [2252]
Nyctimene GAAAGAGCAATGGGAAATGAGACCATCATTCAAAGTATAGTGTGGCACAAT [2261]
Mole GAAAGAGAACAGGAAACCGGAGCATTGAAAGTACAGTGTAGCAGGGT [2279]
Horse GAAAGAGCAATGGGAAATGAGAGCATTGTTCAAAGTACAGTGTAGCACAAT [2288]
Desmodus GAAAGAGCAGTGGGAAATGAGAACATCATTCAAAGTACAGTGTAGCCCAAT [2255]
Rhinopoma GAAAGAGCAATGGGAAATGAGAACATCATTCAAAGTACAGGAGCACAAT [2285]
Emballonura GAAAGAGCATTGGGAAATGAGAACATCATTCAAAGTACAGTGTAAAGCACAAT [2258]
Cow GAAAAAACATTGGGGAGTGTAGAGCATTCAAAGTGTAGTGTAGCACAAT [2261]
Pangolin GAAAAAGCAGTGGGAAACAAGAGCATTCAAAGTACTGTGTAGCACAAT [2264]
Whale GAAAGAGCAATGGAAAACGAGAGCATTCAAAGTACAGTGTAGCACAAT [2267]

[2310 2320 2330 2340 2350]
[.]

Tonatia TAGCCAGAACAAAACAGGAAAGTGCAGGAGAGGAGCAGCTCGAGCG [2299]
Myotis TAGCCTAAGTAACATTAGAGAAAGCGCTTTTAAAGAAAGCAGCTCAAGCA [2311]

Tadarida	TAGCCTAAATAAC--AGAGAAAGCACTTTTAAAGAAGGCAGCTCAAGCA	[2299]
Taphozous	TAGCCAAAATAATGTTAGAGAAAAGAGCTGTTAAAGAAGGCAGCTCAAGCA	[2320]
Megaderma	TAGCCAAAAGTAACATTAGAGAAAAGCACTTTTAAAGAGGGCAGCTCCAGCA	[2308]
Cynopterus	TAGCCAAAATAACATTAGAGAAAAGCACTTTTAAAGAAGGCAGCTCAAGCG	[2305]
Pteropus	TAGCCAAAATAACATTAGAGAAAAGCACTTTTAAAGAAGGCAGCTCAAGCA	[2290]
Hipposideros	TAGCCAAAATAACATTAGAGAAAAGCACTTTTAAAGAAGGCAGCTCAAGCA	[2329]
Cat	TAGCCAAAATAACATTAGAGAAAACACTTTTAAAGAAGTTAGCTCAAGCA	[2335]
Human	TAGCCGTAATAACATTAGAGAAAATGTTTTTAAAGAAGCCAGCTCAAGCA	[2329]
Mouse	TAGCCTGAATAAC--AGAGGAAATGCTTGTCAAGAAGCCGGCTCGGGCA	[2287]
Flyinglemur	TAGCCAAAATAACATTAGAGACAGTGCTTCTAAAGAAGCCAGCTCAAGCA	[2338]
NycterisG	TAGTCAAATGCCATTAGAG-----AAGGGAGCTCCAGCA	[2287]
Antrozous	TAGCCTAAGTGACATCAGAGAAAAGCGCTTTTAAAA--GCAGCTCAAGCA	[2305]
Rhogeessa	TAGCCTAAGTAACATCAGAGAAAAGCACTTTTAAAGAAGGCAGCTCAAGCG	[2308]
Noctilio	TAGCCAGAGTAACATTGGAGAAAAGTACTTTTAAAGAAGGCAGCTCAAGCA	[2311]
Natalus	TAGCCTAAAATAACATTAGAGAAAAGCACTTTTAAAGAAGGCAGCTCAAGCA	[2305]
Rhinolophus	TAGCCAAAATAACATTAGAGTAAGCACTTTTAAAGAAGGCAGCTCAAGTA	[2332]
Rousettus	TAGCCAAAATAACATTAGAGAAAAGCACTTTTAAAGAAGGCAGCTCAAGCA	[2302]
NycterisT	TAGTCAAATGCCATTAGAGAAAAGCACTGTTAAAGAAGGCAGCTCCAGCA	[2302]
Nyctimene	TAGCCAAAATAACATTAGAGAAAAGCACTGTTAAAGAAGGCAGCTCAAGCA	[2311]
Mole	TAGCCAAAATAACATTAGAGAAAATGCTTTTAAAGAAGTCAGCTCAAGTA	[2329]
Horse	TAGCCAAAATAACATTAGAGAAAAGCACATTGAAAGAAGTCAGCTCAAGC-	[2337]
Desmodus	TAGCCAGAATAAACTAGAGAAAAGTACTGCTAAAGAAGGCAGCTCCGTGCA	[2305]
Rhinopoma	TGGCCAAAATAACATTAGAGAAAAGCAGTATTAAAGAAGGCAGCACAAGCA	[2335]
Emballonura	TAGCCAAAATAACATCACGGAAGAAGTGTAAAGAAGGCAGCTCGGGCA	[2308]
Cow	CAGCCAAAATAACATTCAAGAAAAGCACTTTTAAAGAAGTCAGCTCAAACA	[2311]
Pangolin	TAGCCAAAATAACATTAAAGGAAAACAATTTTAAAGATGGCAGCTCCAGCA	[2314]
Whale	TAGCCAAAATAACATTGAGAAAAGCACTTTTAAAGAAGTCAGCTCAAGCA	[2317]

[2360 2370 2380 2390 2400]
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Tonatia	GCACTAACGAAGTAGGCTCC-----	[2319]
Myotis	GTACTAATGAAGGGGCTCTAGTATCAATGAAGTAGGTTCC-----	[2352]
Tadarida	GTACTAATGAAGTAGGCTCTAGTACCAATGAAGTAGGTTCC-----	[2340]
Taphozous	GTACTAACGAAGTAGGCTCTAGTATCGATGAAGCAGGTTCC-----	[2361]
Megaderma	ATATTTATGAAGCAGATTCCAGTGCTAATGAAGTAGGCTCTAGTATCAGT	[2358]
Cynopterus	GTATTTATGAAGCAGGTTCCAGTACCAATGAAGTAGGCTCTAGTGTCAAT	[2355]
Pteropus	GTATTTATGAAGCAGGTTCCAGTACTAACGAAGTAGGCTCTAGTGTCAAT	[2340]
Hipposideros	AT?TTTATGAAGCAGATTCCAGTACTAATGAAGTAGGCTCTAGTATCAAT	[2379]
Cat	GTGTTAATGAAGTAGGTTCCAGTGCTAATGAAGTAGGCTCTAGCATTAAAT	[2385]
Human	ATATTAATGAAGTAGGTTCCAGTACTAATGAAGTAGGCTCCAGTATTAAT	[2379]
Mouse	GTATTCATGAAGTATGTTCC-----	[2307]
Flyinglemur	GTATTAATGAAGTAGGTTCCAGTACTAATGAAGTAGGCTCCAGTATTAAT	[2388]
NycterisG	GTACTAATGAAGTAGGTTCCAGT-----	[2310]
Antrozous	GTGCTAATGAAGGAGGCTCTAGTATCAATGAAGTAGATTCC-----	[2346]
Rhogeessa	GTACCAATGAAGGAGGCTCTAGTAACAATGAAGTAGGTTCC-----	[2349]
Noctilio	GCACTAACGAAGTGTGCTCTAGTATTAATGAAGTAGGTTCC-----	[2352]
Natalus	GCCTAATGAGGTAGGCTCTAGTATCAGTGAAGTAGGTTCC-----	[2346]
Rhinolophus	ATGTTAATGAAGCAGATTCCGGTACTAATGAAGTAGGCTCTAGTATCAAT	[2382]
Rousettus	GTATTTATGAAGCAGGTTCCAGTACTAACGAAGTAGGCTCTAGTGTCAAT	[2352]
NycterisT	GTACTAATGAAGTAGGTTCCAGT-----	[2325]
Nyctimene	GTATTTATGAAGCAGGTTCCAGTACTAACGAAGTAGGCTCTAGTGTCAAT	[2361]
Mole	GTATTAACGAAGTAGGTTCCAGTACTAACGAAGCTGACTCTAGTATTAAT	[2379]
Horse	-----AGTATTAATGAAGTAGGCTCTAGTATTAAT	[2367]
Desmodus	GTACTAATGAAGTAGGCTCC-----	[2325]
Rhinopoma	ATATTTATGAAGCAGATTCTAGTACTAATGAAGTAGGCTCTAGTATCAAT	[2385]
Emballonura	GTACTAATGAAGTAGGCTCTAGTATCAGTGAAGTAGGATCC-----	[2349]
Cow	GTGTTAATGAAGTAGGTTCCAGTACTAATGAAGTAGGCTCTAGTGTAAAT	[2361]
Pangolin	GCATTAATGAAATAGGTTCCAGTACTAATGAAGTAGGCTCTAGTATTAAT	[2364]
Whale	GTATTAATGAAGTAGGTTCCAGTACTAATGAAGTAGGCTCTAGTATTAAT	[2367]

[2410 2420 2430 2440 2450]
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Tonatia	-----AGTGGTGAAAACGGTCAAGCAGAGCCAGGCACAAACAG	[2357]
Myotis	-----AGTGGTGAAAACATTCATGCAGAAGTAGATATAAAACAA	[2390]
Tadarida	-----AGTGGTGAAAACATTCAGCAGAAGTAGGTTAGAAAACAG	[2378]
Taphozous	-----AGTGGTAAAACATTCAGCAGAAGTAGATAGAAAACAG	[2399]
Megaderma	GAGGTAAGTTCCAGTGGTGAGAACATTCAAACAGAAGTAGGTTAGAAAACCA	[2408]
Cynopterus	GAAGTAGGTTCCAGTGGTGAAAACATTCAGCAGAAGTAGGTTAGAAAACAG	[2405]
Pteropus	GAAGTAGGTTCCAGTGGTGAAAACATTCAGCAGAAGTAGGTTAGAAAACAG	[2390]
Hipposideros	GAAGTAGGTTCCAGTGGTGAAAACATTCAGCAGAAGTAGGTTAGAAAACAG	[2429]
Cat	GAAGTAGGTTCCAGTGGTGAAAACATTCAGCAGAAGTAGGTTAGAAAACCG	[2435]

Human	GAAATAGGTTCCAGTGTGAAAAACATTCAAGCAGAAGCTAGGTAGAAACAG	[2429]
Mouse	-----ACTGGTGACTCCTTCCCAGGACAAGCTAGGTAGAAACAG	[2345]
Flyinglemur	GAAGTAGGTTCCAGTGGTAAAAACATTCAAGCAGAAGCTAGGTAGAAACAG	[2438]
NycterisG	-----GGTAAAAACATTCAAGCAGAATTAAGTAGA-----	[2340]
Antrozous	-----AGTGGTAAAAACATTTCATGCAGAACGAGCTATAAACAA	[2384]
Rhogeessa	-----AGTGATAAAAACATTTCATGCAGAACGAGCTATAAACAA	[2387]
Noctilio	-----AGTGGTAAAAATATTCAAGCAGAAGTGGGCAGAAACAG	[2390]
Natalus	-----AGTGGTAAAAACATTCAAGCAGAAGCTAGGTAGAAACAG	[2384]
Rhinolophus	GAAGTAGGTTCCAGTGGTAAAAACATTCAAGCAGAAGCTCAGTAGAAACAG	[2432]
Rousettus	GAAGTAGGTTCCAGTGGTAAAAACATTCAAGCAGAAGCTAAGTAGAAACAG	[2402]
NycterisT	-----GGTAAAAACATTCAAGCAGAAGCTAAGTAGA-----	[2355]
Nyctimene	GAAGTAGGTTCCAGTGGTAAAAACATTCAAGCAGAAGCTAAGTAGAAACAG	[2411]
Mole	GAAGTAGGTTCCAGTGGTAAAAATATTCAAGCTGAAGTAGTAGAAACAG	[2429]
Horse	GAAGTAGGTTCCAGTGGTGAACACATTCAAGCAGAAGCTAGGCAGAAACAG	[2417]
Desmodus	-----AGTGGCGAAAATATTCAAGCAGAAGCTAGGCAGAAACAG	[2363]
Rhinopoma	GAAGTAGGTTCCAGTGGTGAACACATTCAAGCAGAAGCTAGGTAGAAACAG	[2435]
Emballonura	-----AGTGGTAAAAACAGTCAAGCAGAAGCTAGTAGAAAAAG	[2387]
Cow	GAAGTAGGTTCCAGTGGTAAAAACATTCAAGCAGAAGCTAGGTAGAAACAG	[2411]
Pangolin	GAAGTAGGTTCCAGTGGTAAAAAATTCAAGCAGAAGCTAGGTAGAAACAG	[2414]
Whale	GAAGTAGGTTCCAGTGGTAAAAACATTCAAGCAGAAGCTAGGTAGAAACAG	[2417]

[2460 2470 2480 2490 2500]
[.]

Tonatia	AGCATCAAAAATTAAGCGCTCTTCTCAGATCAGGGCTCATGCAACCTGAAG	[2407]
Myotis	AGGATCAAAAATTAAGTGTATGCTCAGATTAGGTCTCATGCAACCCGAAG	[2440]
Tadarida	AGGATCAAAAATTAAGTGTATGCTCAGATCAGGTCTCATGCAACCTGAAG	[2428]
Taphozous	AGGATCAAAAATTAAGTGTGTTCTCAGATTAGGTCTCATGCAACCCGAAG	[2449]
Megaderma	AGGACCAAAAATTAAGTGTGTGCTCAGATTAGGTCTCATGCAACCTCAAG	[2458]
Cynoptyrus	AGGACCAAAAATTAAGTGTGTGCTTCAATTGGGTCTCATGCAAGCCTGAAG	[2455]
Pteropus	AGGACCACAATTAAGTGTGTGCTTCAATTGGGTCTCATGCAAGCCTGAAG	[2440]
Hipposideros	AGGACCGAAAATTAAGTGTGTGCTCGGATTAGGTCTCGTGAACCTGAAG	[2479]
Cat	AGGACCTAAGTTAAGTGTATGCTCAGGTTAGGTCTTATGCAACCTGAAG	[2485]
Human	AGGGCCAAAATTAAGTGTATGCTTAGATTAGGGGTTTTCGCAACCTGAGG	[2479]
Mouse	AGGGCCTAAGGTGAACACTGTGCCTCCATTAGATAGTATGCAGCCTGGTG	[2395]
Flyinglemur	AGGACCTAAAATTAAGTGTATGCTTAGATTAGGCCTCATGCAACCTGAAG	[2488]
NycterisG	-GGATCAAAAATTAAGTGTATGCTTAGTTTCAAGTTAGGTCTCATGCAACCTGAAG	[2389]
Antrozous	AGGATCAAAAATTAAGTGTATGCTCAGATTAGGTCTCATGCAACCCGAAG	[2434]
Rhogeessa	AGGATCAAAAATTAAGTGTATGCTCAGATTAGGTCTCCTGCAACCTGAAG	[2437]
Noctilio	AGGATCAAGATTAAGTGTATGCTCAGATTAGGTCTTTCAGCAAGCCGAAG	[2440]
Natalus	AGGATCGAAAATTAAGTGTATGCTCAGATTAGGTCTCCTGCAACCTGAAG	[2434]
Rhinolophus	AGGACCAAAAATTAAGTGTGTGCTCAGATTAGGTCTCATGCAACCTGACG	[2482]
Rousettus	AGGGCCAAAATTAAGTGTGTGCTTCAAGTTGGGTCTCATGCAAGCCTGAAG	[2452]
NycterisT	-GGATCAAAAATTAAGTGTATGCTCAGGTTAGGTCTCATGCAACCTGAAG	[2404]
Nyctimene	AGGACCAAAAATTAAGTGTGTGCTTCAATTGGGTCTCATGCAAGCCTGAAG	[2461]
Mole	AGGACCTAAAATTAAGTGTATGCTCAGATTGGGTCTTATGCAACCTGAAG	[2479]
Horse	AGGACCTAAAATTAAGTGTATGCTCAGATTAGGTCTTATGCAACCTGAAG	[2467]
Desmodus	AGCATCAGAAATTAAGTGTATGCTCAGATTAGGTCTCATGCAACCTGAAG	[2413]
Rhinopoma	AGGACCGAAAATTAAGTGTGTGCTCAGATTAGGTCTCATGCAACCTGAAG	[2485]
Emballonura	AGAATCAAAAATTAAGTGTAGTCTCAGATTAGGTCTCATGCAAGCCTGAAA	[2437]
Cow	AGAACCTAAAATTAAGAGCTTTACTCGGATTAGGTCTTACGCAACCTGAAG	[2461]
Pangolin	AGGACCTAAAATTAAGTGTGTGCTCAGATTAGGTCTTATGCAACCTGAGG	[2464]
Whale	AGGACCTAAAATTAAGTGTGCTTTCAGATTAGGTCTTATGCAACCCGAAG	[2467]

[2510 2520 2530 2540 2550]
[.]

Tonatia	TCTGTAAGCCGAGTCTTCTCTGAGTAATTGTGAAGA-----TCCTGAA	[2451]
Myotis	TCTATAAGCCAAGCCTTCTCTGTAAGTAATTGTAAACA-----TCCTGAA	[2484]
Tadarida	TCTATAAGCCAAGCCTTCTCTGTAAGTAATTGTGAACA-----TCCTGAA	[2472]
Taphozous	TCTATAAGCCAAGCCTTCTCTATAAGTAATTGTAAACA-----TCCTGAA	[2493]
Megaderma	TCTATGTGCAAAAGCCTTCTCTGTAAGCAATTGTGAACA-----TTCTGAA	[2502]
Cynoptyrus	TCTATGAGCAAAGCCTTCTCTTAAGTAATTGTAAACA-----TTCTGAA	[2499]
Pteropus	TCTATAAGCAAAGCCTTCTCTTAAGTAATTGTAAACA-----TCCTGAA	[2484]
Hipposideros	TCTATAGGCAAAGCCTTCTCTGTAAGTAATTGTCAACA-----TCCAGAA	[2523]
Cat	TCTATGAGCAAAGTCTTCTCTATAAGTAATTGTAAATG-----TCCAGAA	[2529]
Human	TCTATAAACAAAGTCTTCTCTGGAAGTAATTGTAAAGCA-----TCCTGAA	[2523]
Mouse	TCTGTGCAAGCAAGTCTTCTCTGTAAGTATG---AAGTA-----TCTTGAA	[2436]
Flyinglemur	TTTACAAGCAAATCTTCTCTTAGGTAATTGTAAACA-----TCCTGAA	[2532]
NycterisG	TCTATAAGCCAAGCCTTCTCTATAAATAGTTGTAAACA-----CCCTGAA	[2433]
Antrozous	TCTGTGAGCAAAGCCTTCTCTATAAGTAAGTAACTGTAAACA-----TCCTGAA	[2478]
Rhogeessa	TCTATAAGCCAAGCCTTCTCTATAAGTAAGTAACTGTAAACATCAACATCCTGAA	[2487]
Noctilio	TCAATAAGCCAAGCCTTCTCAATAAATATCATAAACG-----TTCTGAA	[2484]

Natalus	TCTATAAGCCAAGCCTTCTCTATAAGTAATTGTAAACA-----TCCTGAA	[2478]
Rhinolophus	CCTGTAAGCAAAGCCTTCTCTATAAATAACTGTAAACA-----TCCTGAA	[2526]
Rousettus	TCTATAAGCAAAGCCTTT-----CTTGTAAACA-----TCCTGAA	[2487]
NycterisT	TCTATAAGCCAAGCCTTCTCTATAAGTAGTTGTAAACA-----CCCTGAA	[2448]
Nyctimene	TCTATAAGCAAAGCCTTCTCTATAAGTAATTGTAAACA-----TCCTGAA	[2505]
Mole	TCTATAAGCAAAGTCTTCTCTATAAAGTACTTGTAAACA-----TCCTGAA	[2523]
Horse	TCTATAAGCAAAGTCTTCTCTATAAGTAATTGTAAACA-----TCTGGAA	[2511]
Desmodus	TCTATAAGCCAAGTCTTCTCTATAAGTAATTGTAAAGA-----TCTGGAA	[2457]
Rhinopoma	TCTTTAAGCAAAGCCTTCTCTATAAGTAATTGTAAACA-----TCCTGAA	[2529]
Emballonura	TCTATAAGCCCAGCCTTCTCTATAAGTAATTGTGAGCA-----CCCTGAA	[2481]
Cow	TCTATAAGCAAAGTCTTCTCTATAAGTAAGTACTGTCACCA-----TCCTGAA	[2505]
Pangolin	CCTATAAGCAAATCTTCTCTATAAGTAATTGTAAACA-----CCCTGAA	[2508]
Whale	TCTATAAGCAAAGTCTTCTCTATAAGTAAGTACTGTCAACT-----TCCTGAA	[2511]

[2560 2570 2580 2590 2600]
[.]

Tonatia	ATAAAAAGGCAAGAA--GATGGGGGAGTAGTGCAGGCTGTTAATGCAGA	[2498]
Myotis	GTAAAAAGGCAAGGAGACAACGAAGGACTAGTTCAGGCTGTTAATGCAGA	[2534]
Tadarida	ATAAAAAGGCAAGGAGAAAATGAAGGAGTAGTTCAGGCTGTTAATGCAGA	[2522]
Taphozous	ATAGAAAAGGCAAGGAGAAAATGAAGTAGTAGTTCAGGCTGTTAATGCA--	[2541]
Megaderma	ATAAAAAGGCAAGGAGAAAATGAAGGAGTAGTTGAGGCTGTTAATGCAGA	[2552]
Cynopterus	ATAAAAAGGCAAGGAGAAAATGAAGGAGTGGTTCAGGCTGTTAATGCAGA	[2549]
Pteropus	ATAAAAAGGCAAGGAGAAAATGAAGGAGTAGTTCAGGCTGTTAATGCAGA	[2534]
Hipposideros	ATAAAAAGGCAAGGAGAAAATGAAGGAATAGTTCAGGCTGTTAGTGCAGA	[2573]
Cat	ATAAAAAGGCAAGGAGAAAATGAAGGAGTAGTTCAGTCTGTTAATGCAGA	[2579]
Human	ATAAAAAGCAAGAA--TATGAAGAAGTAGTTCAGACTGTTAATACAGA	[2570]
Mouse	ATAAAAAGCAGGAG-----GGTGAGGCTGTCTGTGCAGA	[2471]
Flyinglemur	ATA--AGGCAAGAAGAAAATGAAGGAATAGTTCAGGCTGTTAATACAAA	[2579]
NycterisG	ATAAAAAGCAAGGAGAAAATGAAGGAGTAGTTCAGGCTGTTAATGCAGA	[2483]
Antrozous	ATAAAAAGGCAAGGAGACAACGAAGCAGTAGTTCAGGCTGTTGATGCAGA	[2528]
Rhogeessa	ATAAAAAGGCAAGGAGACAGCGAAGCAGTAGTTCAGGCTGTTGATGCAGA	[2537]
Noctilio	ACAGAAAAGGCAAGGAGAAAATGGAAGAATAGTCCAACTGTCAATGCAGA	[2534]
Natalus	ATAAAAACTCAAGGAGAAAATGAAGGAGTAGTTCAGGCTGTTACTGTAGA	[2528]
Rhinolophus	ATAAAAAGGCAAGGAGAAAATGAAGGGGAGTTCAGGCTGTTAATGCAGA	[2576]
Rousettus	ATAAAAAGGCAAGGAGAAAATGAAGGAGTAGTTCAGGCTGTTAATGCAGA	[2537]
NycterisT	ATAAAAAGGCAAGGAGAAAATGAAGGAGTAGTTCAGGCTGTTAATGCAGA	[2498]
Nyctimene	ATAAAAAGGCAAGGAGAAAATGAAGTAGT---TCAGGCTGTTAATGCAGA	[2552]
Mole	GTTAAAAGGCAAGGAGAAAATGAAGGCATAGTTCAGGCTGTTACATACAGA	[2573]
Horse	ATAAAAAGGCAAGGAGAAAAGGAA--GTAGTTCAGGCTGTTAACGCAGA	[2558]
Desmodus	ATAAAAAGGCAAGGGGAAGCTGGAGGAGTAGTTCAGGTTGGTCAACGCAGA	[2507]
Rhinopoma	ATAAAAATGCAAGGAGAAAATGAAGTAGTTG---AGGCTGTTATGCAGA	[2576]
Emballonura	ATAAAAAGGCAAGGAGAAAATGAAGTAGTAGTTCAGGCTGTTA-----	[2524]
Cow	ATAAAAAGGCAAGGAGAAAATGAGGACATGCCTCAGGCTGTTAAGGCAGA	[2555]
Pangolin	ATAAAAAGCAAGGAGAAAAGAAAGGAGTAGTTCAGGTTGTTAATGCTGA	[2558]
Whale	ATAAAAAGGCAAGGAGAAAAGTGAAGGCACACTTCAGGCTGTTAATGCAGA	[2561]

[2610 2620 2630 2640 2650]
[.]

Tonatia	TTTCTCTCCGTGTCAAATTTTAGATAACCTAGAACAACCTCTGGGAAGCA	[2548]
Myotis	CTTCCCTCCATGTCAAATTTTCAGATAACCTAGAACAACCTATGGGAAGTA	[2584]
Tadarida	TTTCTCTCCATGTCAAATTTTCAGATAACCTAGAACAATCTATGGGAAGTA	[2572]
Taphozous	-----TGTCAAATTTTCAGATAACCTAGAACAACCTATGGGAAGTA	[2581]
Megaderma	ATTCTCTCCATGTCAAATTTTCAGATAACCTGGAACAACCTATGGGAAGTA	[2602]
Cynopterus	TGTCTCTCA?GTCAAATTTTCAGATAACCTTAGAGCAACCTATGGGAACA	[2599]
Pteropus	TGTCTCTCTACGTCTAGATTTTCAGATAACCTTAGAGCAACCTATGGGAACA	[2584]
Hipposideros	CTTCTCTCCATGTCAAATTTTCAGATAACCTAGAACAACCTACGGGAAGTA	[2623]
Cat	TTTTTCTCCATGTCTAATTTCCGATAATGTAGAACAACCTATGGAAAGTA	[2629]
Human	TTTCTCTCCATGTCTAATTTTCAGATAACCTTAGAACAACCTATGGGAAGTA	[2620]
Mouse	CTTCTCTCCATGTCTAATTTTCAGACCATCTTGGCAATCTATGAGTGGT-	[2520]
Flyinglemur	TCGTCTCTGTGCTAATTTTCACATAACCTCGAACAACCTATGGAAAGTA	[2629]
NycterisG	TACCTCTCCATGTCAAATTTTCAGATAACCTGGAACAACCAAGGAAGGTA	[2533]
Antrozous	TTTCCCTCCAGGTCAAATTTTCAGATAAATCTGGAACAACCTATGGAAAGTA	[2578]
Rhogeessa	TTTCCCTCTCATGTCAAATTTTCAGATAAATCTGGAACAACCTATGGAAAGTA	[2587]
Noctilio	TTTCTCTCCATGTCAAATTTTAGATAACCTGGAACAACCTCTGGAAAGTA	[2584]
Natalus	TTTCTCTCCATGTCAAATTTTCACATAACCTAGAACAACCTATGGGAAGTA	[2578]
Rhinolophus	CTTCTCTCCATGTCTAATTTTCAGATCACTTAGAACAACCTATGGGAAGTA	[2626]
Rousettus	TGTCTCTCAACGTCTAGATTTTCAGATAACCTTAGAGCCACCTATGGGAACA	[2587]
NycterisT	TACCTCTCCATGTCT????????????????????????????????	[2548]
Nyctimene	TGTTTCTCCAGTCTAGATTTTCAGATAACCTTAGAGCAACCTATGGAAACCA	[2602]
Mole	TTTTTCTCCATGTCTAATTTTCAGATAACCAAGAACAACCTATGGGAAGTA	[2623]
Horse	CTTTTCTCCGTGTCTAATTTTCAGATAACCTAGAACAACCTATGGGAAGTA	[2608]

Desmodus	TTTCTCTCCATGTCAAACCTTTAGATAACCTAGAACGACCTCTGGGAAGTA	[2557]
Rhinopoma	TTTCCCTCCATGTCAAATTTTCAGATAACCTAGAACACCTATGGAAAGTA	[2626]
Emballonura	----GCGCATGTCAAATTTTCAGATAACCTAGAACACCTATGGAAAGTW	[2569]
Cow	TTTCTCCCATGTCTAATTTTCAGATAACCTCGAACACCTACGGGAAGCC	[2605]
Pangolin	TTTCTCTCCATGTCTAATTTTCAGATAACCTAGAACACCTATGGGAAGTA	[2608]
Whale	TTTCTCCCAAGTCTAATTTTCAGATAACCTAGAACACCTATGGGAAGAA	[2611]

[2660 2670 2680 2690 2700]
[.]

Tonatia	GTCCCGCTTCTCGGGTTTGTTCGAGACCCAGACGACCTGTAAATGAT	[2598]
Myotis	GTCCTGTTTCTCAGGTTTGTTCGCGACACCGGATGACTTGTAACTGAT	[2634]
Tadarida	CTCCTGCTTCTCAGGTTTGTTCGAGACACCGATGACCTGTAAATGAT	[2622]
Taphozous	GTCCTGTTTCTCAGGCTTGTTCGAGACACCGATGACCTATTAGATGAT	[2631]
Megaderma	GTCATGCTTCTCAAATTTGTTCGAGACACCGGATGACCTGTAAACGAT	[2652]
Cynopterus	GTAATATTTCTCAGGTTTGTTCGAGACACCGGATGACCTGTAAATGAT	[2649]
Pteropus	GTAATGCTTCTCAGGTTTGTTCGAGACACCGGATGACCTGTAAATGAT	[2634]
Hipposideros	GTCATGCTTCTCAGGTTTGTTCGAGACACCGGATGACCTGTAAATGAT	[2673]
Cat	GCCGCTGCTTCTCAGGTTTGTTCGAGACACCCAATGACCTATTAAATGGT	[2679]
Human	GTCATGCATCTCAGGTTTGTTCGAGACACCTGATGACCTGTAGATGAT	[2670]
Mouse	--AAGGTTTTTCAGGTTTGTTCGAGACACCTGATGACCTGCTGGATGAT	[2568]
Flyinglemur	GTCATGCTTCCCAGGTTTGTTCGAGACACCTGATGACCTGTAGATGAT	[2679]
NycterisG	GTCCTGCTTCTCAGGTTTGTTCGAGACACCGATGACCTATTAGATGAC	[2583]
Antrozous	ACGCTGTTTCTCAGGTTTGTTCGAGACACCGATGACTTGTAACTGAT	[2628]
Rhogeessa	GTCCTGTTTCTCAGGTTTGTTCGCGACACCGGATGAC????????????	[2637]
Noctilio	GTCCTGCTTCTCAGGTTTGTTCGAGACACCGATGACCTGTAAATGAT	[2634]
Natalus	GTCCTGCTTCTCAGGTTTGTTCGAGACACCGATGATCTATTAAATGAT	[2628]
Rhinolophus	GTCA-----GGTTTGTTCGAGACACCGAGGACCTGTAAACGAG	[2667]
Rousettus	GTAATGCTTCTCAGGTTTGTTCGAGACACCGGATGACATGTAAATGAT	[2637]
NycterisT	??	[2598]
Nyctimene	GTAATGCTTTTCAAGTTTGTTCGAGACACCGGATTACCTGTAAATGAT	[2652]
Mole	GTCATGCTTCTCAGGTTTGTTCGAGACGCTGAGGACCTGTAAATGA-	[2672]
Horse	GTTGTGCTTCTCAGGTTTGTTCGAGACACCTGATGACCTGTAAATGAT	[2658]
Desmodus	GTCCTGCTTCTCGGGTTTGTTCGAGACCCAGATGACCTGTAAATGAT	[2607]
Rhinopoma	GTCATGCTTCTCAGGTTTGTTCGAGACGCGGATGACCTGTAAATGAT	[2676]
Emballonura	GTCCTGCTTCTCAGGTTTGTTCGAGACACCGGATGACCTGTAGATAAT	[2619]
Cow	GTCATGCTTCTCAGGTTTGTTCGAGACACCTGACAACCTGTAAATGAT	[2655]
Pangolin	GTCATGCTTCTCAGGTTTGTTCGAGACACCTGAGGACATATTAAATGGT	[2658]
Whale	GCCATGCTTCTCAGGTTTGTTCGAGACATCTGACGAGTTTTTAAATGAT	[2661]

[2710 2720 2730 2740 2750]
[.]

Tonatia	GACAAGGTAAAGGAGGATAACA---GCTTTGCTGAAAGCGGCATGAAGGA	[2645]
Myotis	GATGAAATAAAGGAGAAATAGCG---GCTTTGATGAAAGTGGCATTAA?GA	[2681]
Tadarida	GACAAAATAAAGGAGAAATAGCA---GCTTTGCTGAAAGTGGCATTAAAGGA	[2669]
Taphozous	GACAAAATAAAGGAGAAATAGCA---GCTTTGCTGAAAGTGGCATTAAAGGA	[2678]
Megaderma	TATGAAATAAAGGAAAATGTTA---GCTTTAAGGAAAGATCTGCTGTTTT	[2699]
Cynopterus	GACAAAATAAAGGACAATATCA---GCTTTGATGAAAGTGGCATTACAGGA	[2696]
Pteropus	GACAAAATAAAGGAGAAATATCG---GCTTTGATGAAAGTGGCATTAAAGGA	[2681]
Hipposideros	AACGAAAATAAAGGAAAATGACA---GCTTTGCTGAAAGTGCATTAAAGGA	[2720]
Cat	GATGAAATAAAGGAAAATATCA---GCTTTGCTGAAAGTG---CTAAGGA	[2723]
Human	GGTGAAAATAAAGGAAAGATACTA---GTTTTGCTGAAAATGACATTAAAGGA	[2717]
Mouse	GTTGAAATACAGGGACATACTA---GCTTTGCTGAAAGTGACATAATGGA	[2615]
Flyinglemur	GATGAGATAAAGGAAAACACCA---GCTTTGCTGAAAGTGCAGTAAGGA	[2726]
NycterisG	AACAAAATAAAGGAGAAATAGCA---GCTTTGCTGAAAGTGGCATTATGGA	[2630]
Antrozous	GATGAAATAAAGGAGACACGCG---GCTTTGATGAAAGTGGCATTAAAGGA	[2675]
Rhogeessa	??	[2687]
Noctilio	GACAAAATAGAGGAGAAATAGCA---GCTTTGTTGAAAGTGGCATTAAAGGA	[2681]
Natalus	GATGAAATAAAGGAGAAATAGCA---GTTTTGCTGAAAGTGGCATTAAAGA	[2675]
Rhinolophus	AATGAAATAAAGGAAAATGGCA---GCTTTGCTGAAAGTGACGTGAAGGA	[2714]
Rousettus	GACAAAATAAAGGAGAAATATTG---GCTTTGATGAAAGTGCATTAAAGGA	[2684]
NycterisT	??	[2648]
Nyctimene	GACAAAATAAAGGAGAAATATCA---GCTTTGATGAAAGTGGCATTAGAGGA	[2699]
Mole	--CGAAAATAAAGGATAATAACATCAGCTTTGCTGACAGTGGCATTAAAGGA	[2720]
Horse	GACGAAAATAAAGGAAAATATCA---GCTTTGCTGAAAGTGGCGTTAAAGGA	[2705]
Desmodus	GACAAGGTAAAGGAGAAACA---GCTTTGCTGAAAGTGGCATTAAAGGA	[2654]
Rhinopoma	AATGAAATAAAGGAAAATGTCA---GCTTTGCTGAAAGTGCATTAAAGGA	[2723]
Emballonura	GACAAAATAAAGGAGAAATAGCA---GCTTTGCTGAAAGTGCATTAAAGGA	[2666]
Cow	GATGAAATAAAGGAAAATAGCC---ACTTTGCTGAAAGTGCATTAAAGGA	[2702]
Pangolin	GATGAAATAAAGGAAAATATCG---GCTTTGCTGAAAGTGGTATTAAAGGA	[2705]
Whale	GACAAAATAAAGGAAAATAGCA---ACTTTGCTGAAAGTGCATTAAAGGA	[2708]

[	2760	2770	2780	2790	2800]	
[.]
Tonatia	CAGATCTGCTGTTTTAGCAAAAAGCGTCTGAAA---GAATTCAGAAGGA					[2692]
Myotis	AAGATCTGCTGTTTTAGCAAAAGATGTTTCAGAAAGAGAATTCAGAGGGA					[2731]
Tadarida	AAGATCTGCTATTTTTAGCAAAAAGTGTCAAGAAAGAAAATTCAGAAGGA					[2719]
Taphozous	AAGATCTGCTATTTTTAGCAAAAAGTGCCAGAGAA---GAACTCAGCAGGA					[2725]
Megaderma	TAGCAAAAGT-----GTCCAAAAGAGAATTCAGTAGAA					[2734]
Cynopterus	AAGATCTGCTGTTTTAGCAAAAATGTCCAGAAAGGAGAATTCAGAAGGA					[2746]
Pteropus	AAGATCTGCTGTTTTAGCAAAAAGTGTCCAGAAAGGAGAATTCAAAAGGA					[2731]
Hipposideros	AAGATCTGCTGTTTTAGCAAAAAGTGTCCAGAAAGGAGAATTCAGAAGGA					[2770]
Cat	AAGATCTGCTGTTTTGGCAAGAGTGTCCAGAAAGGAGAATTCAGAAGGA					[2773]
Human	AAGTTCTGCTGTTTTAGCAAAAAGCGTCCAGAAAGGAGAGCTTAGCAGGA					[2767]
Mouse	GAGATCTGCTGTCTTTAACGGAAGCATCTGAGAAGGGAGTCCAGTAGGA					[2665]
Flyinglemur	AAGATCTGCTGTTTTAGCAAAAAGTGTCCAGAGAGGAGAGTTAAGCAGGA					[2776]
NycterisG	AAGATCTGCTGTTTTGGGAAAAGTGTCCAGAAA---GAATTTAGAAGGA					[2677]
Antrozous	AAGATCTGCTGTTTTAGCAAAAGGTGTCCAGAAA---GAATTCAGAAGGA					[2722]
Rhogeessa	??					[2737]
Noctilio	CAGATCTGCCGTTTTAGCAAAAAGTGCCAAGAGA---GAGTTAGAAGGA					[2728]
Natalus	AAGATCTGCTGTTTTAGCAAAAAGTGTCCAGAAAGAGAATTCAGAAGGA					[2725]
Rhinolophus	AAGATCTGCTGTTTTAGCAAAAAGTGTCCAGAAA---GAATTCAGAAGGA					[2761]
Rousettus	AAGATCTGCTGTTTTAGCAAAAAGTGTCCAGAAAGGAGAATTCAGAAGGA					[2734]
NycterisT	??					[2698]
Nyctimene	AAGATCTGCTGTTTTAGCAAAAAGTGTCCAGAGAGAAGAATTCAGAAGGA					[2749]
Mole	AAGATCTGCTGTTTTAGCAAAAAGTGTCCAGAAAGGAGAATTC---AGGA					[2767]
Horse	AAGATCTGCCGTTTTAGCAAAAAGCGTCCAGAAAGGAGAAGTTTTCAGAAGGA					[2755]
Desmodus	AAGATCTGCTGTTTTAGCAAAAAGTGTCCCGAAA---GAACTCAGAAGGA					[2701]
Rhinopoma	AAGATCTGCTATTTTTAGCAAAAAGTGTCCAGAAAAGAGAATTCAGAAGGA					[2773]
Emballonura	AAGGTCTGCTATTTTTAGCACAAAGTGCCAGAAA---GAACTCAGAAGGA					[2713]
Cow	AAGATCTGCTGTTTTAGTGAAGAGTGTCCAAAAGGAGAATTCAGAAGGA					[2752]
Pangolin	AAGATCTGCTGTTTCTAGCAAAAAGTGTCCAGAAAGGAGAATTCAGAAGGA					[2755]
Whale	AAGATCT---GTTTTAGCAAAAAGTGTCCAAAAGGAGAATTCAGAAGGA					[2755]

[	2810	2820	2830	2840	2850]	
[.]
Tonatia	GCCCCAGTCCCTTAGCCAC---ACA?CTTTGGCTCGGGGTACCCCAAGA					[2739]
Myotis	GCCTAGCCCTTAGCCAT---ACATATTTGACTCGGAGTTGCCAAAGA					[2778]
Tadarida	GCCTAGCCCTTAGCCAT---ACACATTTGACTCATACTCGCCAAAGA					[2766]
Taphozous	GCCTAGCCCTTAACCCAT---ACACATTTGGCTCAGGGTCAGCAGAGA					[2772]
Megaderma	GCCTAGCCCTTAATCCAT---ACATGTTTAGTCTCAGGGTCACCCAAAGA					[2781]
Cynopterus	GCCTAGTCCCTTAGCCAT---GCAAGTTTGTCTCAAGGTCGCCAAAGA					[2793]
Pteropus	GCCTAGTCCCTTAGCCAT---ACAAGTTTGTCTCAAGGTCGCCAAAGA					[2778]
Hipposideros	GCCTAGCCCTTAGCTCAC---ACACGTTTGGCTCAGGGTCACCAAAGA					[2817]
Cat	GCCTAGCCCTTAGCCAT---ACACATCTGGCTCAGGGTCACCAAAGA					[2820]
Human	GTCCTAGCCCTTACCCAT---ACACATTTGGCTCAGGGTTACCCAAAGA					[2814]
Mouse	GCCTAGTCCCTTAACCCAT---GCATCGAAGTCTCAGAGTCTCCACAGA					[2712]
Flyinglemur	GCCTAGCCCTTTGCCCCA---ACATGTTTGGCTCAGGGTCACCAAAGA					[2823]
NycterisG	GCCTAGCCCTTACCCAT---ACCCATTCGGTTCAGGT??????????					[2724]
Antrozous	GCCTAGCCCTTAGCCAT---ACATATTTGACTCGGGT??????????					[2769]
Rhogeessa	??					[2787]
Noctilio	GCCTAGCCCTTAATCCAT---ACACATTTGGCTCAGGGTTGCCAAAGA					[2775]
Natalus	GCCTAGCCCTTAGCCAT---ACACATTTGGCTCAGGGTCGCCAAAGA					[2772]
Rhinolophus	GCTTAGCCCTTAGTTCAT---ACACGTTTGGCTCAGGGTCACCAAAGA					[2808]
Rousettus	GCCTAGTCCCTTAGCCAT---ACAAGTTTGTCCAGGGTCGCCAAAGA					[2781]
NycterisT	??					[2748]
Nyctimene	GCCTAGTCCCTTAGCCAT---ACAAGTT??????????????????????					[2796]
Mole	GCCTAGCCTTTTAGCCAT---ACATGTTTGGCTCAGGACCACGAAAGT					[2814]
Horse	GTCCTAGCCCTTAGGCCAT---ACGTTTGGCTCAGGGTCACCAAAGA					[2802]
Desmodus	GCCTAGTCCCTTAGTCCAC---ACACGTTTGGCCAGGGTCACCAAAGA					[2748]
Rhinopoma	GCCTAGCCCTTAGCCAT---CCATGTTTGGCTCAGGGTCACCAAAGA					[2820]
Emballonura	GCCTAGCCCTTAGCCAT---ATACATTTGGTTCAGGGT??????????					[2760]
Cow	GCCTAGCCCTTACCCAT---ACACATTTGGCTCAGGGTCACCAAAGA					[2799]
Pangolin	GCCTAGCCCTTAGTCCAT---ATGAGTTTGTCTCAGAGTACCAAAGA					[2802]
Whale	GCCTAGCCCTTAGCCATCATACATGTTTGGCTCAGGGTCACCAAAGA					[2805]

[	2860	2870	2880	2890	2900]	
[.]
Tonatia	AGGGCCAGGAAACTCGAGTCCCTCAGAAGAGGACAAGACCTCGATGACTAC					[2789]
Myotis	AGGGCCAGGAAATAGAGTCCCTCAGAAGAGGACAAGACCTGGATGACTAC					[2828]
Tadarida	GGGGCCAGGAAATAGAGTCCCTCAG????????CAAGACCTTGAGGACTAT					[2816]
Taphozous	AGGGCCGGGAAATAGAGCC????????????CAAGACCTTGATGACTAT					[2822]

Flyinglemur	AGATGTGAGTGAGAAGCATGGCAGCGGGCCAGCGGTTCCAGAAAAGGCGG	[2973]
NycterisG	AGACGTGAGTGAGAAGCACGGGAGCGGGCCCCAGTGCCAGAAAAGGCTG	[2874]
Antrozous	AGATGTGAGTGAGAAGCATGGGAGTGGGCCAG?GGTCCCAGAAAAGGCGG	[2919]
Rhogeessa	AGATGTGAGTGAGAAGCATGGGAGTGGGCCAGCGGTTCCCGAAAAGGCGG	[2937]
Noctilio	AGATGTGAGTGAGAAGCACGGGAGTGGGCCAGCCGTTCCAGAGAAGGCGG	[2925]
Natalus	GGATGTGAGTGAGAAGCATGGGAGTGGGCCAGCAGTTCCGGAAAAGGCGG	[2922]
Rhinolophus	AGATGTGAGTGAGAAGCATGGGAGTGGGCCAGCGCTTCCAGAAAAGGCGG	[2958]
Rousettus	AGATGTGAGTGAGAAGCACGGGAGTGGGCCAGCAGTTCCGGAAAAGGCGG	[2931]
NycterisT	??	[2898]
Nyctimene	AGATGTGAGTGAGAAGCACGGCAGTGGGCCAGCAGTTCCGGAAAAGGCGG	[2946]
Mole	AGATGTGAGCGAGAAGCACGGGAGTGGGCCCGCCGTTCCAGAAAAGGCTG	[2958]
Horse	AGACGTGAGTGAGAAGCACGGCAGTGGGCCAGCCGTTCCGGAAAAGGCGG	[2952]
Desmodus	AGATGTGAGTGAGAAGCATGGGAGCGGGCCAGCAGTTCCAGAAAAGGCGG	[2898]
Rhinopoma	AGATGTGAGTGAGAAGCACGGGAGTGGGCCAGTGGCCAGAAAAGGCGG	[2970]
Emballonura	??	[2910]
Cow	AGACGTGAGCGAGAAGCACGGCAGCGGACCGGAGTTCCAGAAAAGGGGG	[2946]
Pangolin	CGATGTGAGTGAGAAGCACGGGAGTGGACCAGCCGTTCCGGAAAAGGCGG	[2952]
Whale	AGATGTGGGCGAGAAGCACGGCAGTGGGCCAGCAGTTCCGGAAAAGGCGG	[2946]

[3010 3020 3030 3040 3050]
[.]

Tonatia	TTCGGTTCTCATTACAGTCATGAAGATTACTATAGCACATGGCTCACAG	[2939]
Myotis	TTCGGTTCTCCTTCACAGTCATGAGGATTACCGTAGCCACGGCTCACAG	[2978]
Tadarida	TTCGGTTCTCATTACAGTCATGAAAATCACCATAGCACACGGCTCACAG	[2966]
Taphozous	TTCGGTTCTCATTACAGTCATGAAGATTACCATAGCACATGGCTCGCAG	[2972]
Megaderma	TTCGGTTTTCATTACAGTTCATGAGCATCACTGTGCGCACACGGCTCACAG	[2981]
Cynopterus	TTCGATTTTCGTTTCACAGTCATGAAAATCACTATAGCACATGGCTCCCAG	[2993]
Pteropus	TTCGATTTTTCGTTTCACAGTCATGAAAATCACTATAGAACATGGCTCACAG	[2978]
Hipposideros	TTCGGTTTTCATTCACTGTGATGAAAATCACTATAGCACAAAGGCTCACAG	[3017]
Cat	TTCGTTTTTCGTTTCACAGTCATGAAGATTACCGTAGCGCACGGCTCAGAA	[3020]
Human	TTCGTTTTTTCATTACAAATCATGAAAATTAATATTGCCACAGCTCTCAG	[3014]
Mouse	TTCGTTTTCTTTCACAGTCATGAGAATTACGATAGAGCATGGTTTCACAG	[2912]
Flyinglemur	TTCGTTTTTTCATTACTGTGATGAAAATCACTATAGCACATGGCTCACAA	[3023]
NycterisG	TTCGGTTCTCAGTTTCACAGTCATGAAAATTTCCATAGCACAGCTCACAG	[2924]
Antrozous	TTCGGTTCTCATTACAGTCATGAAGATCACCATAGCCATGGCTCACAG	[2969]
Rhogeessa	TTCGGTTCTCATTACAGTCATGAAGATCACCATAGCCATGGCTCCCAG	[2987]
Noctilio	TTCGGTTCTCCTTCACAGTCATGAAAGTTTCGATAGCACACGGCTCCCAG	[2975]
Natalus	TTCGGTTCTCATTACAGTCATGAAAATTAATATAGCACATGGCTCACAG	[2972]
Rhinolophus	TTCGGTTTTCATTACAGTCATGAAAATTAATATAGCACATGGCTCACAG	[3008]
Rousettus	TTCGATTTTCGTTTCACAGTCATGAAAATCAGTATAGCACATGGCTCACAG	[2981]
NycterisT	??	[2948]
Nyctimene	TTCGATTTTCGTTTCACAGTCATGAAAATCACTATAGAACGTTGGCTCACAG	[2996]
Mole	TTCGATTTTTCATTACCCGTCATGAAAATCTCTATCGAGCATGGCTCACAG	[3008]
Horse	TTCGGTTTTCATTACAAATCATGAAAATTAATATAGCACATGGCTCACAG	[3002]
Desmodus	TTCGGTTCTCATTACAGTCATGAAAATCACTGTAGCACACGGCTCACAG	[2948]
Rhinopoma	TTCGGTTTTCATTCACTGTGATGAAAATTTCTATAGCACACGGCTCGCAG	[3020]
Emballonura	??	[2960]
Cow	TTCGGTTTCTTTCACGGTCATGAAAATCAGCATTGCTCACGGGTCACAG	[2996]
Pangolin	TTCGGTTTTCATTACAGTCATGAAAATTAATATAGCCATGGCTCACAG	[3002]
Whale	TTCGGTTTTCCTTCACAGTCATGAAAATCACCATCGCTCACGGGTCACAG	[2996]

[3060 3070 3080 3090 3100]
[.]

Tonatia	AGTGTGAAGGTGTTTGAGGAAGCCAAACCTAACTCTGAACCTGTTGCAA	[2989]
Myotis	GATGTGAAGGTGTTTGAGGAAGCCAAAGCCTAACTCTGAACCTGTTGCAA	[3028]
Tadarida	GATGTGAAGGTGTTTGAGGAGGCCAAACCTAACTCTGAGCTGTTGCAA	[3016]
Taphozous	AATGTGAAGGTGTTTGAGGAAGCCAAACCTAACTCTGAACCTGTTGCAA	[3022]
Megaderma	AACGTGAAGGTGTTTGAGGAAGCCAAAGCCTAACTCTGAACCTGTTGCAA	[3031]
Cynopterus	AATGTGAAGGTGTTTGAGGAAGCCAAACCTAACTCTGAACCTGTTGCAA	[3043]
Pteropus	AATGTGAAGGTGTTTGAGGAAGCCAAACCTAACTCTGAATGTTGCAA	[3028]
Hipposideros	AACGTGAAGGTGTTTGAGGAAGCCAAACCTAACTCGGAATTGTTGCAA	[3067]
Cat	AACGTGAAGGTATTTGAGGAGGTCAAACCTAACTCTGAACCTGTTGCAA	[3070]
Human	AATGTGAAGGTATTTGAAGAAGCCAAACCTAACTCTGAACCTGTTGCAA	[3064]
Mouse	AACGTGAAGGTGTTTGAGGAAGCCAAAGCCTAACTCTGAACCTGTTGCAA	[2962]
Flyinglemur	AATGTGAAGGTGTTTGAGGAAGCCAAAGCCTAACTCTGAACCTGTTGCAA	[3073]
NycterisG	AATGTGAAGGTGTTTGAGGAAGCCAAAGCCTAACTCTGAACCTGTTGCAA	[2974]
Antrozous	GATGTGAAGGTGTTTGAGGAAGCCAAAGCCTAACTCTGAACCTGTTGCAA	[3019]
Rhogeessa	GATGTGAAGGTGTTTGAGGAAGCCAAAGCCTAACTCTGAACCTGTTGCAA	[3037]
Noctilio	AATGTGAAGGTGTTTGAGGAAGCCAAACCTAACTCTGAACCTGTTGCAA	[3025]
Natalus	AATGTGAAGGTGTTTGAGGAAGCCAAACCTAACTCTGAACCTGTTGCAA	[3022]
Rhinolophus	AATGTGAAGGTGTTTGAGGAAGCCAAACCTAACTCTGAACCTATGTTGCAA	[3058]

Rousettus	AATGTGACGGTGTTCGAGGAAGCCAAACCAACTCTGAACTGTGTTGCAA	[3031]
NycterisT	??	[2998]
Nyctimene	AATGTGAAGGTGTTCGAGGAAGCCAAACCAACTCTGAACTGTGTTGCAA	[3046]
Mole	AATGTGAAGGTGTTTGAAGAAGCCAAACCAATTCGAGCTGTGTTGCAA	[3058]
Horse	AATGTGAAGGTGTTTGAAGAAGCCAAACCTAACTCTGAGCTGTGTTGCAA	[3052]
Desmodus	AGTGTGAAGGTGTTTGAAGAAGCCAAACCTAACTCTGAACTGTGTTGCAA	[2998]
Rhinopoma	AATGTGAAGGTGTTCGAGGAAGCCAAACCAACTCTGAACTGTGTTGCAA	[3070]
Emballonura	?????AAGGTGTTTGAAGAAGCCAAACCTAACTCCGAACTGTGTTGCAA	[3010]
Cow	AACGTGAAGGTGTTCGAGGAAGCCAAAGCCTAACTCCGAGCTCTGCTGCAA	[3046]
Pangolin	AACGTGAAGGTGTTTGAAGAAGCCAAACCTAACTCTGAACTGTGTTGCAA	[3052]
Whale	AATGTGAAGGTGTTTGAAGAAGCCAAAGCCTAACTCTGAACTGTGTTGCAA	[3046]

[3110 3120 3130 3140 3150]
[.]

Tonatia	GCCCTGTGCCTTATGCTGGCAGATGAGTCCGACCATGAGACCCCTCACAG	[3039]
Myotis	GCCCTTGTGCCTTATGCTGGCAGATGAGTCTGACCACGAGACCCCTGACGG	[3078]
Tadarida	GCCCTTGTGCCTTATGCTGGCAGATGAGTCTGACCACGAGACCCCTGACGG	[3066]
Taphozous	GCCCTTGTGCCTTATGCTGGCAGATGAGTCCGACCATGAGACCCCTGACAG	[3072]
Megaderma	GCCCTTGTGCCTTATGCTGGCAGATGAGTCCGACCACGAGACCCCTGACAG	[3081]
Cynopterus	GCCCTTGTGCCTTATGCTGGCAGATGAGTCTGACCATGAGACCCCTGACAG	[3093]
Pteropus	GCCCTTGTGCCTTATGCTGGCAGATGAGTCCGACCACGAGACCCCTGACAG	[3078]
Hipposideros	GCCCTTGTGCCTTATGCTGGCAGATGAGTCCGACCATGAGACGCTGACAG	[3117]
Cat	GCCCTTGTGCCTTATGCTGGCAGACGAGTCTGACCACGAGACACTGACGG	[3120]
Human	GCCATTGTGCCTTATGCTGGCAGATGAGTCTGACCACGAGACGCTGACTG	[3114]
Mouse	GCCGTTGTGCTTATGCTGGCAGATGAGTCTGACCATGAGACCCCTACTG	[3012]
Flyinglemur	GCCACTGTGCCTTATGCTGGCAGATGAGTCTGACCACGAGACCCCTGACTG	[3123]
NycterisG	GCCCTTGTGCCTTATGCTGGCAGATGAGTCCGACCATGAGACCCCTGACAG	[3024]
Antrozous	GCCCTTGTGCCTTATGCTGGCAGATGAGTCTGACCACGAGACCCCTGACAG	[3069]
Rhogeessa	GCCCTTGTGCCTTATGCTGGCAGATGAGTCTGACCACGAGACCCCTAACGG	[3087]
Noctilio	GCCCTTGTGCCTTATGCTGGCAGATGAGTCTGACCACGAGACCCCTCACTG	[3075]
Natalus	GCCCTTGTGCCTTATGCTGGCAGATGAGTCCGACCACGAGACCCCTGACGG	[3072]
Rhinolophus	GC??	[3108]
Rousettus	GCCCTTGTGCCTTATGCTGGCAGATGAGTCCGACCACGAGACCCCTGACAG	[3081]
NycterisT	??	[3048]
Nyctimene	GCCCTTGTGCCTTATGCTGGCAGATGAGTCCGACCACGAGACCCCTGACGG	[3096]
Mole	GCCCTTGTGCCTTATGCTGGCAGACGAGTCTGACCATGAGACCCCTGACTG	[3108]
Horse	GCCCTTGTGCCTTATGCTGGCAGATGAATCTGACCACGAGACTCTGACGG	[3102]
Desmodus	GCCCTTGTGCCTTATGCTGGCAGATGAGTCCGACCACGAGACCCCTCACAG	[3048]
Rhinopoma	GCCCTTGTGCCTGATGCTGGCAGATGAGTCCGACCACGAGACCCCTGACGG	[3120]
Emballonura	ACCTTATGCCTTATGCTGGCAGACGAGTCCGACCATGAGACCCCTGACAG	[3060]
Cow	GCCGCTGTGCCTTATGCTAGCCGATGAGTCTGACCACGAGACCCCTGACGG	[3096]
Pangolin	GCCCTTGTGCCTTATGCTGGCCGATGAGTCTGACCACGAGACCCCTGACGG	[3102]
Whale	GCCCTTGTGCCTTATGCTGGCAGATGAGTCTGACCACGAGACCCCTGACGG	[3096]

[3160 3170 3180 3190 3200]
[.]

Tonatia	CCATCCTAAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGAACAGCGAA	[3089]
Myotis	CCATCCTGAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGAGCAGCGAA	[3128]
Tadarida	CCATCCTGAGCCCTCTGATTGCCGAGAGGGAGGCCATGAAGAACAGCCAG	[3116]
Taphozous	CCATCCTAAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGTACAGCGAA	[3122]
Megaderma	CCATTTTGAAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGGGCAGCGAA	[3131]
Cynopterus	CCATCCTGAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGAGCAGCGAA	[3143]
Pteropus	CCATCCTGAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGAGCAGCGAA	[3128]
Hipposideros	CCATCCTGAGCCCTCTTATTGCTGAGAGGGAGGCCATGAAGAACAGCGAA	[3167]
Cat	CCATCTTGAAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGGCCAGCAAC	[3170]
Human	CCATCCTGAGTCTCTCATTGCTGAGAGGGAGGCCATGAAGAGCAGTGAA	[3164]
Mouse	CTATTCTAAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGAGCAGTGAA	[3062]
Flyinglemur	CCATCCTGAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGAGCAGTGAA	[3173]
NycterisG	CCATCCTGAGCCCTCTAATCGCTGAGAGGGAGGCCATGAAGAGCAGTGAA	[3074]
Antrozous	CCATCCTGAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGAGCAGTGAA	[3119]
Rhogeessa	CCATCCTGAGCCCTCTCATTGCGAGAGGGAGGCCATGAAGAGCAGTGAG	[3137]
Noctilio	CCATCCTGAGCCCTCTCATAGCGGAGAGAGGCCATGAAGAACAGCGAG	[3125]
Natalus	CCATCCTGAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGGGCAGCGAG	[3122]
Rhinolophus	??TCTAAGCCCTCTTATTGCTGAAAGGGAGGCCATGAAGAGCAGTGAA	[3158]
Rousettus	CCATCCTGAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGAGCAGCGAA	[3131]
NycterisT	????????????????????????????CCGAGAGGGAGGCCATGAAGAGCAGTGAG	[3098]
Nyctimene	CCATCCTGAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGAGCAGTGAA	[3146]
Mole	CCATCCTGAGCCCTCTATTACCGAGAGGGAGGCCATGAAGAGCAGCCAA	[3158]
Horse	CCATCCTGAGCCCTCTGATTGCTGAGAGGGAGGCCATGAAGAGCAGCGAA	[3152]
Desmodus	CCATCCTAAGCCCTCTCATTGCCGAGAGGGAGGCCATGAAGAACAGCGAA	[3098]
Rhinopoma	CCATCCTGAGCCCTCTCATTGCTGAGAGGGAGGCCATGAAGAGCAGCGAA	[3170]

Emballonura	CCATCCTGAGCCCTCTCATTGTTAAGAGGGAGGCCATGAAGAGCAGTGAA	[3110]
Cow	CCATCCTGAGCCCTCTGATTGCGGAGAGGGAGGCCATGAAGAGCAGCGAA	[3146]
Pangolin	CCATCCTGAGCCCTCTCATTGCGGAGAGGGAGGCCATGAAGAGCAGCGAA	[3152]
Whale	CCATCCTGAGCCCTCTCATTGCGGAGAGGGAGGCCATGAAGAGCAGCAAA	[3146]

[3210 3220 3230 3240 3250]
[.]

Tonatia	TTGATGCTTGAATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3139]
Myotis	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3178]
Tadarida	TTAATGCTGGAGATGGGAGGCATCCTCCGGCTTTCAAGTTCATCTTCAG	[3166]
Taphozous	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3172]
Megaderma	TTGATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTTAG	[3181]
Cynopterus	TTAATGCTCGAGATGGGAGGCATCCTCGCTACTTTCAAGTTCATCTTTAG	[3193]
Pteropus	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTTAG	[3178]
Hipposideros	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTTAG	[3217]
Cat	TTAGTGTGGAGATTGGAAGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3220]
Human	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3214]
Mouse	TTAACGCTGGAGATGGGAGGCATCCCCAGGACTTTTAAATTCATCTTCAG	[3112]
Flyinglemur	TTAATGCTGAAATGGGAGG?????????ACTTTCAAGTTCATCTTCAG	[3223]
NycterisG	TTACTGCTCGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3124]
Antrozous	TTGATGCTGGA?ATGGGAGG?ATCCTCCGGACTTTCAAGTTCATCTTCAG	[3169]
Rhogeessa	TTGATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAATTCATCTTCAG	[3187]
Noctilio	TTGATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3175]
Natalus	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3172]
Rhinolophus	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTTAG	[3208]
Rousettus	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTTAG	[3181]
NycterisT	TTAATGCTCGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3148]
Nyctimene	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTTAG	[3196]
Mole	TTAATGCTCGAAATGGGAGGCATCCTCCGGACTTTTAAAGTTCATCTTTAG	[3208]
Horse	TTAATGCTGGAGATGGGAGGCATCCTCCGACTTTCCAGTTCATCTTTAG	[3202]
Desmodus	CTGATGCTGAAATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3148]
Rhinopoma	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3220]
Emballonura	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3160]
Cow	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTTAG	[3196]
Pangolin	TTAATGCTCGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTCAG	[3202]
Whale	TTAATGCTGGAGATGGGAGGCATCCTCCGGACTTTCAAGTTCATCTTTAG	[3196]

[3260 3270 3280 3290 3300]
[.]

Tonatia	GGGGACTGGGTATGATGAGAAACTGGTCCGTGAAGTGAAGGCCTGGAGG	[3189]
Myotis	GGGCACCGGATACGATGAGAAACTCGTCCGCGAAGTGAAGGCCTGGAGG	[3228]
Tadarida	GGGCACCGGTTATGATGAGAAGCTGGTCCGAGAAGTGAAGGCCTCGAGG	[3216]
Taphozous	GGGCACCGGCTATGATGAGAAACTTGTCCTGGAAGTGAAGGCCTCGAGG	[3222]
Megaderma	GGGCACCGGATACGATGAGAAACTTGTCGGGAAGTGAAGGCCTGGAGG	[3231]
Cynopterus	GGGCACCGGATATGATGAGAAACTTGTCGGGAGGTGAAGGCCTCGAGG	[3243]
Pteropus	GGGCACCGGATATGATGAGAAACTTGTCGGAGAGGTGAAGGCCTCGAGG	[3228]
Hipposideros	GGGCACCGGATATGATGAGAAACTTGTCGGGAAGTGAAGGCCTGGAGG	[3267]
Cat	GGGCACCTGGGTACGATGAGAAGCTTGTCGGGAAGTGAAGGCCTCGAGG	[3270]
Human	GGGCACCGGCTATGATGAAAAACTTGTCGGGAAGTGAAGGCCTCGAGG	[3264]
Mouse	GGGCACCTGGATACGATGAAAAACTTGTCGGGAAGTGAAGGCCTGGAAAG	[3162]
Flyinglemur	GGGCACCGGATATGATGAAAAAGCTCGTTCGGGAAGTGAAGGCCTGGAGG	[3273]
NycterisG	GGGCACCGGCTATGATGAGAAGCTTGTCCTGGAAGTGAAGGTCTCGAGG	[3174]
Antrozous	GGGCACCGGATATGATGAGAAACTTGTCGGAGAAGTGAAGGCCTGGAGG	[3219]
Rhogeessa	GGGCACCGGCTATGATGAGAAACTTGTCGGGAAGTGAAGGCCTGGAGG	[3237]
Noctilio	GGGCACCTGGGTATGACGAGAAACTTGTCCTGAGGTGAAGGCCTGGAGG	[3225]
Natalus	GGGCACCGGATATGATGAGAAACTTGTCGGGAAGTGAAGGCCTCGAGG	[3222]
Rhinolophus	GGGCACCGGATACGATGAGAAACTGGTCCGGGAAGTGAAGGCCTGGAGG	[3258]
Rousettus	GGGCACCGGATATGATGAGAAACTTGTCGGGAAGTGAAGGCCTCGAGG	[3231]
NycterisT	GGGCAC?GGCTATGATGAGAAACTTGTCCTGGAAGTGAAGGTCTCGAGG	[3198]
Nyctimene	GGGCACCGGATATGATGAGAAACTTGTCGGGAGGTGAAGGTCTCGAGG	[3246]
Mole	GGGCACAGGGTATGATGAGAAACTTGTCGGGAAGTGAAGGACTTGAGG	[3258]
Horse	GGGCACCGGCTATGATGAGAAACTTGTCGGGAAGTGAAGGCCTGGAGG	[3252]
Desmodus	GGGCACCTGGATATGATGAGAAACTTGTCCTGGAAGTGAAGGCCTCGAGG	[3198]
Rhinopoma	GGGCACCGGATATGATGAGAAACTTGTCGGGAAGTGAAGGCCTCGAGG	[3270]
Emballonura	GGGCACCGGCTATGATGAGAAACTTGTCGGGAAGTGAAGGCCTGGAGG	[3210]
Cow	GGGCACCGGCTACGATGAGAAACTGGTCCGCGAAGTGAAGGTCTCGAGG	[3246]
Pangolin	GGGCACCGGATATGATGAGAAACTGGTCCGGGAAGTGAAGGCCTGGAGG	[3252]
Whale	GGGCACCTGGGTATGATGAGAAACTTGTCGGGAAGTGAAGGCCTCGAGG	[3246]

[3310 3320 3330 3340 3350]
[.]

Tonatia	CTTCTGGCTCAGTCTACATCTGCACCTTGTGTGATGCCACCCGCTGGAA	[3239]
Myotis	CTTCTGGCTCCGTCTACATCTGCACCCTTTGTGATGCCACCCGCTGGAG	[3278]
Tadarida	CTTCCGGATCCGTCTACATCTGCACCCTTTGTGATGCCACCCGCTGGAA	[3266]
Taphozous	CTTCTGGCTCAGTCTACATCTGTACCCTTTGTGATGCCACCCGCTGGAA	[3272]
Megaderma	CTTCCGGCTCGGTCTACATCTGTACCCTTTGTGATGCCACCCGCTGGAA	[3281]
Cynopterus	CTTCTGGCTCAGTCTACATCTGTACCCTTTGTGATGCCACCCGCTGGAA	[3293]
Pteropus	CTTCTGGCTCAGTCTACATTTGTACCCTTTGTGATACTACCCGCTGGAA	[3278]
Hipposideros	CTTCTGGCTCGGTCTACATCTGTACCCTGTGTGATGCCACCCGCTGGAA	[3317]
Cat	CTTCTGGCTCAGTCTACATTTGTACCCTTTGTGATGCCACCCGCTGGAG	[3320]
Human	CTTCTGGCTCAGTCTACATTTGTACTCTTTGTGATGCCACCCGCTGGAA	[3314]
Mouse	CTTCTGGCTCAGTCTACATCTGTACTCTGTGACACCACCCGTTTGGAA	[3212]
Flyinglemur	CTTCTGGCTCAGTCTACATTTGTACTCTTTGTGATGCCACCCGCTGGAA	[3323]
NycterisG	CTTCTGGCTCAGTCTACATTTGTACCCTCTGTGATGCCACACGCTGGAA	[3224]
Antrozous	CGTCTGGCTC?GTCTACATCTGCACCCTCTGTGATGCCACCCGCTAGAA	[3269]
Rhogeessa	CGTCTGGCTCTGTCTACATCTGCACCCTTTGTGATGCCACCCGCTGGAG	[3287]
Noctilio	CTTCTGGCTCAGTCTACATCTGCACCCTCTGCGATGCCACCCGCTGGAA	[3275]
Natalus	CTTCCGGCTCAGTCTACATCTGCACCCTTTGTGATGCCACCCGCTAGAA	[3272]
Rhinolophus	CTTCTGGCTCAGTCTACATCTGTACCCTGTGTGATGCCACCCGCTGGAA	[3308]
Rousettus	CTTCTGGCTCAGTCTACATTTGTACCCTTTGTGATGCCACCCGCTGGAA	[3281]
NycterisT	CTTCTGGCTCGGTCTACATTTGTACCCTCTGTGATGCCACACGCTGGAA	[3248]
Nyctimene	CTTCTGGCTCAGTCTACATTTGTACCCTTTGTGATGCCACCCGCTGGAA	[3296]
Mole	CTTCTGGCTCAGTCTATATTTGTACCCTCTGTGATGCCACCCGCTGGAA	[3308]
Horse	CTTCCGGCTCGGTCTACATCTGTACCCTTTGTGATGCCACCCGCTGGAA	[3302]
Desmodus	CTTCTGGCTCGGTCTACATCTGCACCCTTTGTGATGCCACCCGCTGGAA	[3248]
Rhinopoma	CTTCTGGCTCCGTCTACATTTGTACCCTTTGTGATGCCACCCGCTGGAA	[3320]
Emballonura	CTTCTGGCTCAGTCTACATCTGTACCCTTTGTGATGCCACCCGCTGGAA	[3260]
Cow	CTTCCGGCTCAGTCTACATTTGCACCCTTTGTGATGCCACTCGCTGGAG	[3296]
Pangolin	CTTCTGGCTCAGTGTACATTTGTACTCTATGCGACGCCACCCGCTGGAA	[3302]
Whale	CTTCCGGCTCAGTCTACATTTGTACCCTTTGTGATGCCACCCGCTGGAA	[3296]

[3360 3370 3380 3390 3400]
[.]

Tonatia	GCCTCTCAAAACCTTGTCTTCCACTCCATAACCAGAAGCCACGCGGAGAA	[3289]
Myotis	GCTTCTCAAAACCTTGTCTTCCACTCCATAACCAGAAGCCATGCCGAAAA	[3328]
Tadarida	GCCTCTCAAAACCTTGTCTTCCACTCCATAACCAGAAGCCACGCGGAGAA	[3316]
Taphozous	GCCTCTCAAAACCTTGTCTTCCACTCCATAACCAGAAGCCACACCGAGAA	[3322]
Megaderma	GCCTCTCAGAACCTTGTCTTCCACTCCATCACCAGGAGCCACGCGGAGAA	[3331]
Cynopterus	GCCTCTCAGAATCTTGTCTTCCACTCCATCACCAGAAGCCATTCGGAGAA	[3343]
Pteropus	GCCTCTCAGAATCTTGTCTTCCACTCCATAACCAGAAGCCATTCAGAGAA	[3328]
Hipposideros	GCCTCTCAAAATCTTGTCTTCCACTCCATCACCAGAAGCCATACAGAGAA	[3367]
Cat	GCCTCTCAAAATCTTGTCTTCCACTCCATAACCAGAAGCCACTCTGAGAA	[3370]
Human	GCCTCTCAAAATCTTGTCTTCCACTCTATAACCAGAAGCCATGCTGAGAA	[3364]
Mouse	GCCTCTCAGAATCTTGTCTTCCACTCCATAACCAGAAGCCACGCGGAGAA	[3262]
Flyinglemur	GCCTCTCAAAATCTTGTCTTCCACTCCATAACCAGGAGCCATGCCGAGAA	[3373]
NycterisG	GCCTCTCAAAACCTTGTCTTCCACTCCATAACCAGAAGCCATGCTGAAAA	[3274]
Antrozous	GCTTCTCAAAACCTTGTCTTCCACTCCATAACCAGAAGCCATGCCGAAAA	[3319]
Rhogeessa	GCTTCTCAAAACCTTGTCTTCCACTCCATAACCAGAAGCCATGCCGAAAA	[3337]
Noctilio	GCCTCTCAGAATCTTGTCTTCCACTCCATAACCAGAAGCCACGCGGAGAA	[3325]
Natalus	GCCTCTCAAAACCTTGTCTTCCACTCCATAACCAGAAGCCATGCCGAGAA	[3322]
Rhinolophus	GCCTCTCAAAATCTTGTCTTCCACTCCATAACCAGAAGCCATACAGAGAA	[3358]
Rousettus	GCCTCTCAGAATCTTGTCTTCCACTCCATAACCAGAAGCCATTCGGAGAA	[3331]
NycterisT	GCCTCTCAAAACCTTGTCTTCCACTCCATAACCAGAAGCCATGCTGAAAA	[3298]
Nyctimene	GCCTCTCAAAATCTTGTCTTCCACTCTATAACCAGAAGCCATTCAGAGAA	[3346]
Mole	GCATCCCAAAACCTTGTCTTCCACTCCATAACCAGAAGCCATACCGAAAA	[3358]
Horse	GCCTCTCAAAATCTTGTCTTCCACTCCATAACCAGAAGCCACGCTGAGAA	[3352]
Desmodus	GCCTCGCAAAACCTTGTCTTCCACTCCATAACCAGAAGCCACGCGGAGAA	[3298]
Rhinopoma	GCCTCTCAAAATCTTGTCTTCCACTCCATCACCAGAAGCCATGCAGAGAA	[3370]
Emballonura	GCCTCTCAGAACCTTGTCTTCCACTCCATAACCAGAAGCCATGCCGAGAA	[3310]
Cow	GCCTCTCAAAATCTTGTCTTCCACTCCATAACCAGAAGCCACGCTGAGAA	[3346]
Pangolin	GCCTCCCAAAATCTTGTCTTCCACTCCATCACCAGAAGCCATGCCGAGAA	[3352]
Whale	GCCTCTCAAAATCTTGTCTTCCACTCCATCACCAGAAGCCACGTTGATAA	[3346]

[3410 3420 3430 3440 3450]
[.]

Tonatia	CCTGGAGCGCTATGAGGTCTGGCGTTCCAACCCATTCCATGAGTCCGTGG	[3339]
Myotis	CCTGGAGCGCTATGAGGTCTGGCGATCCAACCCCTACCACGAGTCTGTGG	[3378]
Tadarida	CCTGGAGCGCTATGAGGTCTGGCGTTCCAACCCCTACCACGAGTCTGTGG	[3366]
Taphozous	CCTGGAGCGCTATGAGGTCTGGCGTTCCAACCCGTACCATGAGTCTGTGG	[3372]
Megaderma	CTTGGAGCGCTATGAGGTCTGGCGCTCCAACCCCTACCACGAGACCGTGG	[3381]
Cynopterus	CTTGGAGCGCTATGAGGTCTGGCGCTCCAACCCCTACCATGAGTCTGTGG	[3393]

Pteropus	CTTGGAGCGCTATGAGGTTTGGCGCTCCAACCCGTACCATGAGTCTGTGG	[3378]
Hipposideros	CTTGGAGCGCTATGAGGTTTGGCGTTCCAACCCGTACCAGGAGTCTGCGG	[3417]
Cat	CCTGGAGCGCTACGAGGTTTGGCGTTCCAACCCGTACCACGAGTCTGTGG	[3420]
Human	CCTGGAACGTTATGAGGTTTGGCGTTCCAACCCGTACCATGAGTCTGTGG	[3414]
Mouse	CCTGCAGCGCTATGAGGTTTGGCGTTCCAACCCGTATCATGAGTCCGTGG	[3312]
Flyinglemur	CCTGGAACGCTATGAGGTTTGGCGTTCCAACCCGTACCACGAGTCTGTGG	[3423]
NycterisG	CCTGGAGCGCTACGAGGTTTGGCGTTCCAACCCGTACCACGAGTCTGTGG	[3324]
Antrozous	CCTGGAGCGCTATGAGGTTTGGCGTTCCAACCCGTACCACGAGTCTGTGG	[3369]
Rhogeessa	CCTGGAGCGCTATGAGGTTTGGCGTTCCAACCCGTACCACGAGTCTGTGG	[3387]
Noctilio	CCTGGAGCGCTACGAGGTTTGGCGTTCCAACCCGTACCACGAGTCTGTGG	[3375]
Natalus	CCTGGAACGCTACGAGGTTTGGCGTTCCAACCCGTACCACGAGTCTGTGG	[3372]
Rhinolophus	CTTGGAGCGCTATGAGTTTGGCGCTCCAACCCGTACCATGAGTCTGTGG	[3408]
Rousettus	CTTGGAGCGCTATGAGGTTTGGCGTTCCAACCCGTACCATGAGTCTGTGG	[3381]
NycterisT	CCTGGAGCGCTACGAGGTTTGGCGTTCCAACCCGTACCACGAGTCTGTGG	[3348]
Nyctimene	CCTGGAGCGCTATGAGGTTTGGCGTTCCAACCCGTACCATGAGTCTGTGG	[3396]
Mole	CCTGGAGCGCTATGAGGTTTGGCGTTCCAACCCGTACCATGAGTCCGTGG	[3408]
Horse	CCTGGAGCGCTATGAGGTTTGGCGTTCCAACCCGTACCATGAGTCTGTGG	[3402]
Desmodus	CCTGGAGCGATATGAGGTTTGGCGTTCCAACCCGTACCATGAGTCTGTGG	[3348]
Rhinopoma	CTTGGAGCGCTATGAGGTTTGGCGTTCCAACCCGTACCACGAGTCCGTAG	[3420]
Emballonura	CCTGGCAGCGCTATGAGGTTTGGCGTTCCAACCCGTACCATGAGTCTGTGG	[3360]
Cow	TCTGGAGCGCTATGAGGTTTGGCGTTCCAACCCGTACCATGAGACGGTGG	[3396]
Pangolin	CCTGGAGCGCTACGAGGTTTGGCGTTCCAACCCGTACCACGAGTCTGTGG	[3402]
Whale	TCTGGAGCGCTATGAGGTTTGGCGTTCCAACCCGTACCATGAGACGGTGG	[3396]

[3460 3470 3480 3490 3500]
[.]

Tonatia	AAGAACTCCGGGATCGGGTGAAAGGGGTCTCAGCCAAGCCCTTCATTGAG	[3389]
Myotis	AAGAACT?CGGGATCGGGTGAAAGGGGTCTCGGCCAAGCCCTTCATCGAG	[3428]
Tadarida	AAGAGCTCCGGGATCGGGTGAAAGGGGTCTCGGCCAAGCCCTTCATCGAG	[3416]
Taphozous	AAGAACTCCGGGATCGGGTGAAAGGGGTCTCAGCCAACCCCTTCATTGAG	[3422]
Megaderma	AGGAGCTCGCGACCCGGTGAAAGGGGTCTCGGCCAAGCCCTTCATCGAG	[3431]
Cynopterus	AAGAACTGAGGGACCCGGTCAAAGGGGTCTCAGCCAACCCCTTCATTGAG	[3443]
Pteropus	AAGAACTCGGGACCCGGTCAAAGGGGTCTCAGCCAAGCCCTTCATTGAG	[3428]
Hipposideros	AAGAACTCGCGATCGGGTGAAAGGGGTCTCAGCCAAGCCCTTCATTGAG	[3467]
Cat	AAGAACTCGGGATCGCGTGAAAGGAGTCTCATCGAAACCTTCATTGAG	[3470]
Human	AAGAACTCGGGATCGGGTGAAAGGGGTCTCAGCTAAACCTTCATTGAG	[3464]
Mouse	AAGAGCTCCGGGACCCGGTGAAAGGGGTCTCGCCAACCCCTTCATCGAG	[3362]
Flyinglemur	AAGAACTTCGGGATCGGGTGAAAGGGGTCTCAGCAAACCTTCATTGAG	[3473]
NycterisG	AGGAACTCCGGGATCGGGTGAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3374]
Antrozous	AGGAACTCCGGGATCGGGTGAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3419]
Rhogeessa	AAGAACTCCGGGATCGGGTGAAAGGGGTCTCGGCCAAGCCCTTCATCGAG	[3437]
Noctilio	AAGAACTCCGGGATCGGGTGAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3425]
Natalus	AGGAGCTCCGGGATCGGGTGAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3422]
Rhinolophus	AAGAACTCGCGATCGGGTGAAAGGGGTCTCAGCCAAGCCCTTCATTGAG	[3458]
Rousettus	AAGAACTCGGGACCCGGTCAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3431]
NycterisT	AGGAACTCCGGGATCGGGTGAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3398]
Nyctimene	AAGAACTCGGGACCCGGTCAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3446]
Mole	AAGATTGAGGGATCGCGTGAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3458]
Horse	AAGAATTGCGGGATCGGGTGAAAGGGGTCTCGGCCAAGCCCTTCATCGAG	[3452]
Desmodus	AAGAACTCCGGGATCGGGTGAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3398]
Rhinopoma	AGGAGCTCGCGATCGGGTGAAAGGGGTCTCAGCCAAGCCCTTCATTGAG	[3470]
Emballonura	AGGAACTCCGGGATCGGGTGAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3410]
Cow	AGGAACTCGGGACCCGGTGAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3446]
Pangolin	AAGAACTCGGGACAGGGTGAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3452]
Whale	AGGAACTCGGGACCCGGTGAAAGGGGTCTCGGCCAAGCCCTTCATTGAG	[3446]

[3510 3520 3530 3540 3550]
[.]

Tonatia	ACTGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3439]
Myotis	ACCGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3478]
Tadarida	ACCGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3466]
Taphozous	ACAGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3472]
Megaderma	ACGGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3481]
Cynopterus	ACAGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3493]
Pteropus	ACAGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3478]
Hipposideros	ACAGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3517]
Cat	ACCGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3520]
Human	ACAGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3514]
Mouse	ACAGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3412]
Flyinglemur	ACAGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3523]
NycterisG	ACCGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3424]

Antrozous	ACAGTCCCTTCCATAGATGCCCTCCACTGTGACATTGGCAATGCAGCCGA	[3469]
Rhogeessa	ACAGTCCCTTCCATAGATGCCCTCCACTGTGACATTGGCAATGCAGCCGA	[3487]
Noctilio	ACGGTCCCTTCCATAGACGCACTCCACTGTGACATTGGCAATGCGGCTGA	[3475]
Natalus	ACGGTGCCTTCCATAGACGCGCTCCACTGCGACATTGGCAACGCGGCTGA	[3472]
Rhinolophus	ACAGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCTGCGGA	[3508]
Rousettus	ACAGTCCCTTCCATAGACGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3481]
NycterisT	ACCGTCCCTTCCATAGATGCCCTCCACTGTGACATTGGTAATGCGGCTGA	[3448]
Nyctimene	ACAGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3496]
Mole	ACAGTCCCTTCCATAGATGCCCTTCACTGTGACATTGGCAACGCGGCTGA	[3508]
Horse	ACAGTCCCTTCCATAGATGCGCTCCACTGCGACATTGGCAATGCAGCTGA	[3502]
Desmodus	ACTGTCCCTTCCATAGATGCACTCCACTGTGACATTGGCAATGCAGCTGA	[3448]
Rhinopoma	ACAGTCCCTTCCATCGACGCACTCCACTGTGACATTGGCAACGCGGCTGA	[3520]
Emballonura	ACAGTCCCTTCCATAGACGCACTCCACTGTGACATTGGCAATGCGGCTGA	[3460]
Cow	ACGGTCCCTTCCATAGATGCCCTCCACTGCGACATCGGCAATGCGGCTGA	[3496]
Pangolin	ACAGTCCCTTCCATCGACGCTTCCACTGTGACATCGGCAATGCGGCTGA	[3502]
Whale	ACGGTCCCTTCCATAGATGCACTCCACTGCGACATCGGCAACGCGCTGA	[3496]

[3560 3570 3580 3590 3600]
[.]

Tonatia	GTTCTACAAGATTTTCCAGCTAGAGATAGGGGAGGTGTATAAGAATCCCA	[3489]
Myotis	GTTCTATAAGATCTTCCAGCTAGAGATCGGGGAGGTGTATAGGAATCCCA	[3528]
Tadarida	GTTCTACAAGATTTTCCAGCTGGAGATAGGGGAGGTGTATAAGAATCCCA	[3516]
Taphozous	GTTCTACAAGATTTTCCAGCTAGAGATAGGGGAGGCATATAAGAATCCCA	[3522]
Megaderma	GTTCTACAAGATCTTCCAGCTGGAGATAGGGGAGGTGTACAAGAACCCCA	[3531]
Cynopterus	GTTCTACAAGATTTTCCAGCTAGAGATAGGGGAGGTGTATAAGAATCCCA	[3543]
Pteropus	GTTCTACAAGATTTTCCAGCTAGAGATAGGGGAGGTGTATAAGAATCCCA	[3528]
Hipposideros	ATTCTACAAGATTTTCCAACCTGGAGATTTGGGAGGTGTATAAGAATCCCA	[3567]
Cat	GTTCTACAAGATTTTCCAGCTAGAGATAGGGGAGGTGTACAAGAATCCCA	[3570]
Human	GTTCTACAAGATCTTCCAGCTAGAGATAGGGGAAGTGTATAAGAATCCCA	[3564]
Mouse	ATTCTATAAGATTTTCCAGCTGGAGATAGGGGAAGTGTATAAACATCCCA	[3462]
Flyinglemur	GTTCTACAAGATCTTCCAGCTAGAGATAGGGGAAGTGTACAAGAATCCCA	[3573]
NycterisG	GTTCTACAAGATTTTCCAACCTAGAGATAGGGGAGGTGTATAGGAATCCCA	[3474]
Antrozous	GTTCTACAAGATCTTCCAGCTAGAGATCGGGGAGGTGTACAGGAATCCCA	[3519]
Rhogeessa	GTTCTACAAGATCTTCCAGCTAGAGATCGGGGAGGTGTATAGGAATCCCA	[3537]
Noctilio	GTTCTACAAGATTTTCCAGCTAGAGATAGGGGAGGTGTACAAGAATCCCA	[3525]
Natalus	GTTCTACAAGATTTTCCAGCTGGAGATAGGGGAGGTGTATAAGAATCCCA	[3522]
Rhinolophus	GTTCTACAAGATTTTCCAACCTAGAGATAGGGGAGGTGTATAAGAACCCCA	[3558]
Rousettus	GTTTCTACAAGATTTTCCAGCTAGAGATAGGGGAGGTGTATAAGAATCCCA	[3531]
NycterisT	GTTCTACAAGATTTTCCAACCTAGAGATAGGAGAGGTGTATAAGAATCCCA	[3498]
Nyctimene	GTTCTACAAGATTTTCCAGCTAGAGATAGGGGAGGTGTATAAGAATCCCA	[3546]
Mole	GTTCTACAAGATCTTCCAGCTAGAGATAGGGGAGGTGTATAAGAATCCCA	[3558]
Horse	GTTCTACAAGATCTTCCAGCTAGAGATTTGGGAGGTGTATAAGAACCCCA	[3552]
Desmodus	GTTCTACAAGATTTTCCAGCTAGAGATAGGGGAGGTGTATAAGAATCCCA	[3498]
Rhinopoma	GTTCTACAAGATATTCCAACCTGGAGATCGGGGAGGTGTACCAGAACCCCA	[3570]
Emballonura	GTTCTACAAGATTTTCCAGCTAGAGATAGGGGAGGCGTATAAGAATCCCA	[3510]
Cow	GTTCTACAAGATCTTCCAGCTGGAGATCGGAGAGGTGTATAAGAACCCCA	[3546]
Pangolin	GTTCTACAAGATTTTCCAGCTCGAGATAGGGGAGGTGTATAAGAATCCCA	[3552]
Whale	GTTCTACAAGATTTTCCAGCTGGAGATAGGGGAGGTGTATAAGAACCCCA	[3546]

[3610 3620 3630 3640 3650]
[.]

Tonatia	GTGCCTCAAAGAGGAAAGGAAAAGGTGGCAGGCTACCTTGGACAAGCAT	[3539]
Myotis	ACGCCTCAAAGGAGGAGAGGAAAAGGTGGCAGGCCACACTGGACAAGCAT	[3578]
Tadarida	ATGCCTCAAAGAGGAAAGGAAAGATGGCAGGCCACACTGGACAAGCAT	[3566]
Taphozous	ATGCTTCAAAGAGGAAAGGAAAAGATGGCAGGCTACACTGGACAAGCAC	[3572]
Megaderma	ATGCCTCAAAGAGGAGAGGAAAAGATGGCAGGCTACCTTGGACAAGCAT	[3581]
Cynopterus	GTGCCTCAAAGAGGAAAGGAAAAGATGGCAGGCGACACTGGACAAGCAC	[3593]
Pteropus	GTGCCTCAAAGAGGAAAGGAAAAGATGGCAGGCCACACTGGACAAGCAT	[3578]
Hipposideros	ATGCCTCAAAGAGGAAAGGAAAAGATGGCAGGCGACACTGGACAAGCAT	[3617]
Cat	ATGCCTCAAAGAGGAAAGGAAAAGGTGGCAGGCTACGCTGGACAAGCAT	[3620]
Human	ATGCCTCAAAGAGGAAAGGAAAAGGTGGCAGGCCACACTGGACAAGCAT	[3614]
Mouse	ATGCCTCAAAGAGGAAAGGAAAAGATGGCAGGCCACGCTGGACAACAT	[3512]
Flyinglemur	ATGCTTCAAAGAGGAAAGGAAAAGATGGCAGGCCACACTGGACAAGCAT	[3623]
NycterisG	ATGCCTCAAAGAGGAAAGGAAAAGATGGCAGGCTACACTGGACAAGCAT	[3524]
Antrozous	GCGCTCAAAGGAGGAGAGGAAAAGGTGGCAGGCCGCGCTGGACAAGCAT	[3569]
Rhogeessa	ATGCCTCAAAGGAGGAGGAAAAGGTGGCAGGCCACGCTGGACAAGCAT	[3587]
Noctilio	ACGCCTCAAAGAGGAAAGGAAAAGATGGCAGGCTACACTGGACAAGCAT	[3575]
Natalus	GCGCTCAAAGAGGAGAGGAAAAGGTGGCAGGCTACCTTGGACAACAT	[3572]
Rhinolophus	ATGCTTCAAAGAGGAAAGGAAAAGATGGCAGGCTACGTTGGACAAGCAT	[3608]
Rousettus	ATGCCTCAAAGAGGAAAGGAAAAGATGGCAGGCGACACTGGACAAGCAT	[3581]
NycterisT	ATGCCTCAAAGGAGGAGAGGAAAAGATGGCAGGCTACACTGGACAAGCAT	[3548]

Nyctimene	GTGCCTCTAAAGAGGAAAGGAAAAGATGGCAGGCGACTCTGGACAAGCAT	[3596]
Mole	ATGCCTCCAAAGAGGAAAGGAAAAGATGGCAGGCTACACTGGACAAACAC	[3608]
Horse	ATGCCTCCAAAGAGGAAAGGAAAAGATGGCAGGCTACGCTGGACAAACAT	[3602]
Desmodus	GTGCCTCCAAAGAGGAAAGGAAAAGATGGCAGGCTACCTTTGGACAAGCAC	[3548]
Rhinopoma	GTGCCTCCAAAGAGGAAAGGAAAAGATGGCAGGCCACATTGGATAAGCAT	[3620]
Emballonura	ATGCTTCCAAAGAGGAGAGGAAAAGATGGCAGGCTACACTGGACAAGCAT	[3560]
Cow	ACGCTTCCAAAGAGGAAAGGAAAAGATGGCAGGCTACCCTGGACAAGCAC	[3596]
Pangolin	ATGCCTCCAAAGAGGAGAGGAAAAGATGGCAGGCTACCCTGGACAAGCAT	[3602]
Whale	GTGCCTCCAAAGAGGAGAGGAAAAGATGGCAGGCTGCCTTTGGACAAGCAC	[3596]

[3660 3670 3680 3690 3700]
[.]

Tonatia	CTCCGGAAGAAGATGAACCTGAAACCAATCATGAGGATGAATGGCAACTT	[3589]
Myotis	CTCCGGAAGAAGATGAACCTCAAACCCATCATGAGGATGAATGGCAACTT	[3628]
Tadarida	CTCCGGAAGAAGATGAGCCTGAAACCGATCATGAGGATGAATGGCAACTT	[3616]
Taphozous	CTCCGGAAGAAGATGAACCTAAAACCAATCATGAGGATGAATGGCAACTT	[3622]
Megaderma	CTCCGGAAGAAGATGAACCTGAAACCGATCATGAGGATGAACGGCAACTT	[3631]
Cynopterus	CTCCGGAAGAGGATGAACCTGAAACCCATCATGAGAATGAATGGCAACTT	[3643]
Pteropus	CTCCGGAAGAAGATGAACCTGAAACCAATCATGAGAATGAATGGCAACTT	[3628]
Hipposideros	CTCCGGAAGAAGATGAACCTGAAACCCATCATGAGGATGAACGGCAACTT	[3667]
Cat	CTCCGGAAGAAGATGAACCTGAAGCCAATCATGAGGATGAATGGCAACTT	[3670]
Human	CTCCGGAAGAAGATGAACCTCAAACCAATCATGAGGATGAATGGCAACTT	[3664]
Mouse	CTCCGGAAGAAGATGAACCTAAAACCAATCATGAGGATGAATGGCAACTT	[3562]
Flyinglemur	CTCCGGAAGAAGATGAACCTAAAACCAATCATGAGGATGAATGGCAACTT	[3673]
NycterisG	CTCCGGAAGAAGATGAACCTTAAACCAATCATGAGGATGAATGGCAACTT	[3574]
Antrozous	CTCCGGAAGAAGATGAACCTCAAGCCATCATGAGGATGAATGGCAACTT	[3619]
Rhogeessa	CTCCGGAAGAAGATGAACCTCAAACCCATCATGAGGATGAATGGCAACTT	[3637]
Noctilio	CTCCGGAAGAAGATGAACCTGAAACCCATCATGAGGATGAATGGCAACTT	[3625]
Natalus	CTCCGGAAGAAGATGAACCTAAAACCAATCATGAGGATGAATGGCAACTT	[3622]
Rhinolophus	CTCCGGAAGAAGATGAACCTGAAACCAATCATGCGGATGAACGGTAACTT	[3658]
Rousettus	CTCCGGAAGAAGATGAACCTGAAACCAATCATGAGAATGAATGGCAACTT	[3631]
NycterisT	CTCCGGAAGAAGATGAACCTTAAACCAATCATGAGGATGAACGGCAACTT	[3598]
Nyctimene	CTCCGGAAGAAGATGAACCTGAAACCAATCATGAGAATGAATGGCAACTT	[3646]
Mole	CTTAGAAAAGAAGATGAACCTGAAGCCAATCATGAGGATGAATGGCAACTT	[3658]
Horse	CTCCGGAAGAAGATGAACCTGAAACCAATCATGAGGATGAATGGCAACTT	[3652]
Desmodus	CTCCGGAAGAAGATGAACCTGAAGCCAATCATGAGGATGAATGGCAACTT	[3598]
Rhinopoma	CTCCGGAAGAAGATGAACCTGAAACCCATCATGAGGATGAACGGCAACTT	[3670]
Emballonura	CTTCGGAAGAAGATGAACCTAAAACCAATCATGAGGATGAATGGCAACTT	[3610]
Cow	CTCCGGAAGAAGATGAACCTGAAGCCAATCATGAGGATGAACGGCAACTT	[3646]
Pangolin	CTCCGGAAGAAGATGAACCTGAAACCAATCATGAGGATGAACGGCAACTT	[3652]
Whale	CTCCGGAAGAAGATGAATCTGAAACCAATCATGAGGATGAATGGCAACTT	[3646]

[3710 3720 3730 3740 3750]
[.]

Tonatia	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCTGTGTGAACTAA	[3639]
Myotis	TGCCAGGAAGCTCATGACCAAAGAGACTGTGGAGGC?GTTTGTGAGTTAA	[3678]
Tadarida	TGCCAGGAAGCTCATGACCAAAGAGACCGTTGAGGCCGTTTGTGAGTTAA	[3666]
Taphozous	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCTGTTTGTGAATTAA	[3672]
Megaderma	TGCCAGGAAGCTCATGACCAAAGAGACTGTGCAAGCAGTTTGTGAATTAA	[3681]
Cynopterus	TGCCAGGAAGCTCATGACCAAAGAGACTGTGCAAGCAGTCTGTGAGCTCA	[3693]
Pteropus	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCAGTCTGTGAGTTAG	[3678]
Hipposideros	TGCCAGGAGGCTCATGACCAAAGAGACTGTTGAAGCAGTTTGCAGTTAC	[3717]
Cat	TGCCAGGAGGCTCATGACCAAAGAAACAGTTGAAGCCGTTTGTGAATTAA	[3720]
Human	TGCCAGGAAGCTCATGACCAAAGAGACTGTGGATGCAGTTTGTGAGTTAA	[3714]
Mouse	TGCCAGGAAGCTTATGACCAAAGAGACTGTAGAGCAGTTTGTGAGTTAA	[3612]
Flyinglemur	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGATGCTGTTTGTGAGTTAA	[3723]
NycterisG	TGCCAGGAGGCTCATGACCAAAGAGACCGTTGAAGCTGTTTGTGAGTTAA	[3624]
Antrozous	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAGGCCGTTTGTGAGTTAA	[3669]
Rhogeessa	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAGGCCGTTTGTGAGTTAA	[3687]
Noctilio	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCCGTTTGCAGTTAA	[3675]
Natalus	TGCCAGGAAGCTCATGACCAAAGAGACCGTTGAGGCCGTTTGTGAGCTCA	[3672]
Rhinolophus	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCAGTTTGTGAGTTAA	[3708]
Rousettus	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCAGTCTGTGAGCTAA	[3681]
NycterisT	TGCCAGGAGGCTCATGACCAAAGAGACCGTTGAAGCTGTTTGTGAATTAA	[3648]
Nyctimene	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCAGTCTGTGAGTTAA	[3696]
Mole	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCAGTTTGTGAATTAA	[3708]
Horse	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCAGTTTGTGAATTAA	[3702]
Desmodus	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCCGTTTGTGAATTAA	[3648]
Rhinopoma	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCCGTTTGTGAGTTAA	[3720]
Emballonura	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCCGTTTGTGAATTAA	[3660]
Cow	TGCCAGGAAGCTCATGACCAAAGAGACTGTTGAAGCCGTTTGTGAATTAA	[3696]

Pangolin CGCCAGGAAGCTCATGACCAAAGAGACGGTTGAAGCAGTCTGTGAACTAA [3702]
 Whale TGCCAGGAAGCTCATGACCAAAGAGACGGTTGAAGCAGTTTGTGAATTA [3696]

[3760 3770 3780 3790 3800]
 [.]

Tonatia TTCCTCCGAGGAGAGGCACGAAGCCCTGAGGGAGCTGATGGACCTTTAT [3689]
 Myotis TCCCTCCGAGGAGAGACACGAAGCTCTGAGGGAGCTGATGGACCTTTAT [3728]
 Tadarida TCCCTCCGAGGACAGGCACGAGGCCCTGCGGGAGCTGATGGACCTCTAC [3716]
 Taphozous TTCCTCTGAGGAGCGGCACGAAGCTTTGAGGGAGCTGATGGACCTTTAT [3722]
 Megaderma TCCCTCCGAGGAGAGGCATGAAGCCCTGAGGGAGCTGATGGACCTTTAC [3731]
 Cynopterus TCCCTCCGAGGAGAGGCACGAAGCTCTGAGGGAGCTGATGGACCTTTAC [3743]
 Pteropus TCCCTCCGAGGAGAGGCATGAAGCTCTGAGGGAGCTGATGGACCTTTAC [3728]
 Hipposideros TGCCTCCGAGGAGAGGCACGAAGCTCTGAGGGAGCTGATGGACCTTTAC [3767]
 Cat TCCCTCCGAGGAGAGGCATGAAGCTCTCAGGGAGCTGATGGACCTTTAC [3770]
 Human TTCCTCCGAGGAGAGGCACGAGGCTCTGAGGGAGCTGATGGATCTTTAC [3764]
 Mouse TTCCTTCTGAGGAGAGGCATGAAGCTCTCAGGGAGCTCATGGACCTTTAC [3662]
 Flyinglemur TTCCTTCTGAGGAGAGGCACGAAGCTCTCAGGGAGCTGATGGACCTTTAC [3773]
 NycterisG TTCCTCTGAGGAGAGACATGAAGCTCTGAAGGAGCTGATGGACCTTTAT [3674]
 Antrozous TTCCTCCGAGGAGAGGCATGATGCTCTGAGGGAGCTGATGGACCTTTAC [3719]
 Rhogeessa TTCCTCTGAGGAGAGGCATGACGCTCTGAGGGAGCTGATGGACCTTTAC [3737]
 Noctilio TCCCTCCGAGGAGAGGCACGAAGCCCTGAGGGAGCTGATGGACCTTTAY [3725]
 Natalus TTCCTCCGAGGAGAGGCATGAAGCTCTGAGGGAGCTGATGGAGCTTTAT [3722]
 Rhinolophus TTCCTGCGAGGAGAGGCACGAAGCTCTGAGGGAGCTGATGGACCTTTAC [3758]
 Rousettus TTCCTCTGAGGAGAGGCATGAAGCTCTGAGGGAGCTGATGGACCTTTAT [3731]
 NycterisT TTCCTCTGAGGAGAGGCACGAAGCTCTGAAGGAGCTGATGGACCTTTAT [3698]
 Nyctimene TCCCTCCGAGGAGAGGCACGAAGCTCTGAGGGAGCTGATGGACCTTTAC [3746]
 Mole TTCCTCAGAGGAGAGACATGCAGCTCTGCGGGAGCTCATGGACCTTTAT [3758]
 Horse TTCCTCCCGGAGAGGCACGAAGCTCTGAAGGAGCTAATGGACCTTTAC [3752]
 Desmodus TTCCTCCGAGGAGAGGCACGAAGCCCTGAGGGAGCTGATGGACCTTTAC [3698]
 Rhinopoma TTCCTCCGAGGAGAGGCACGAAGCTCTGAGAGAGCTGATGGACCTTTAC [3770]
 Emballonura TTCCTCCGAGGAGAGGCACGAAGCTCTGAGGGAGCTGATGGACCTCTAT [3710]
 Cow TTCCTCCGAGGAGAGGCACGAAGCCCTGAGGGAGCTGATGGACCTTTAT [3746]
 Pangolin TTCCTCCGAGGAGAGGCACGAAGCCCTGAGGGAGCTGATGGACCTTTAC [3752]
 Whale TTCCTCCGAGGAGAGGCACGAAGCCCTGAGGGAACCTAATGGACCTTTAT [3746]

[3810 3820 3830 3840 3850]
 [.]

Tonatia CTGAAGATGAAACCCGTGTGGCGCTCCTCATGCCCTGCTAAGGAATGCC [3739]
 Myotis CTGAAGATGAAACCCGTGTGGCGATCGTCATGCCCGCTAAAGAGTGCCC [3778]
 Tadarida CTGAAGATGAAAGCCCGTGTGGCGGTCATCATGTCTGCCAAAGAGTGCCC [3766]
 Taphozous CTGAAGATGAAACCCG???????????????????????????????? [3772]
 Megaderma CTGAAGATGAAACCCGTGTGGCGATCGTCCTGCCCTGCCAAAGAGTGCCC [3781]
 Cynopterus CTGAAGATGAAACCTGTATGGAGATCATCATGCCCTGCTAAAGAGTGCCC [3793]
 Pteropus CTGAAGATGAAACCTGTATGGAGATCATCATGCCCTGCTAAAGAGTGCCC [3778]
 Hipposideros CTGAAGATGAAAGCCCGTGTGGCGATCGTCATGCCCTGCTAAAGAGTGCCC [3817]
 Cat CTGAAGATGAAACCCGTGTGGCGATCGCATGTCCTGCTAAAGAGTGCCC [3820]
 Human CTGAAGATGAAACCCAGTATGGCGATCATCATGCCCTGCTAAAGAGTGCCC [3814]
 Mouse CTGAAGATGAAACCCGTGTGGCGCTCTCATGTCCCCTAAGAGTGCTCC [3712]
 Flyinglemur CTGAAGATGAAAGCCTGTATGGCGATCATCGTCCCCTGCTAAAGAGTGCCC [3823]
 NycterisG CTGAAGATGAAACCCGTGTGGCGATCGTCATGCCCTGCTAAAGAGTGCCC [3724]
 Antrozous CTGAAGATGAAATCCCGTGTGGCGATCGTCATGCCCTGCTAAAGAGTGCCC [3769]
 Rhogeessa CTGAAGATGAAACCCAGTGTGGCGATCATCATGCCCTGCTAAAGAGTGCCC [3787]
 Noctilio CTGAAGATGAAACCCGTGTGGCGCTCGTCATGTCCTGCCAAGGAGTGCTC [3775]
 Natalus CTGAAGATGAAACCCGTGTGGAGGTGTCATGCCCTGCTAAAGAGTGCTCC [3772]
 Rhinolophus CTGAAGATGAAAGCCCGTGTGGCGATCTTCATGCCCTGCTAAAGAGTGCCC [3808]
 Rousettus CTGAAGATGAAACCTGTGTGGAGATCATCATGCCCTGCTAAAGAGTGCCC [3781]
 NycterisT CTGAAATGAAACCTGTCTGGCGATCGTCATGCCCTGCTAAAGAGTGCCC [3748]
 Nyctimene CTGAAGATGAAACCTGTATGGAGATCATCATGCCCTGCTAAAGAGTGCCC [3796]
 Mole CTGAAGATGAAACCTGTGTGGCGATCATCATGCCCTGCTAAGGAGTGCCC [3808]
 Horse CTGAAGATGAAAGCCCGTGTGGCGCTCATCATGCCCGCTAAGGAGTGCCC [3802]
 Desmodus CTGAAGATGAAACCTGTGTGGCGCTCCTCATGCCCGCTAAGGAGTGCCC [3748]
 Rhinopoma CTGAAGATGAAACCCGTGTGGCGATCATCA???????????????????? [3820]
 Emballonura CTGAAGATGAAACCCGTGTGGCGGTCGTCATGCCCTGCTAAGGAGTGCTC [3760]
 Cow TTGAAGATGAAACCCCGTGTGGCGATCCTCATGTCCTGCTAAAGAGTGCCC [3796]
 Pangolin CTGAAGATGAAACCCGTGTGGAGGTCTCATGCCCTGCTAAGGAGTGCCC [3802]
 Whale TTGAAGATGAAACCCGTGTGGCGATCATCATGCCCTGCTAAGGAGTGCTC [3796]

[3860 3870 3880 3890 3900]
 [.]

Tonatia AGAGTCTCTCTGCCAGTACAGTTTCAACTCACAGCGGTTTGTGTGAGCTCC [3789]

Myotis	AGAATCCCTCTGCCAGTATAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3828]
Tadarida	GGAGTCCCTCTGCCAGTACAGCTTCAACTCGCAGCGTTTTGCCGAGCTTC	[3816]
Taphozous	??	[3822]
Megaderma	AGAATCCCTCTGCCAGTATAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3831]
Cynopterus	AGAATCTCTCTGCCAATATAGTTTCAATTCGAGCGTTTTGCTGAGCTCC	[3843]
Pteropus	AGAATCTCTCTGCCAGTATAGTTTCAATTCGAGCGTTTTGCTGAGCTCC	[3828]
Hipposideros	AGAGTCTCTCTGCCAATATAGTTTCAACTCACAGCGTTTTGCTGAGCTCC	[3867]
Cat	AGAATCCCTCTGCCAGTATAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3870]
Human	AGAATCCCTCTGCCAGTACAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3864]
Mouse	AGAGTCCCTCTGTCAGTACAGTTTCAACTCACAGCGTTTCGCGGAAGTCC	[3762]
Flyinglemur	AGAATCTCTCTGCCAGTACAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3873]
NycterisG	AGAATCCCTCTGCCAGTATAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3774]
Antrozous	AGAATCCCTCTGCCAGTATAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3819]
Rhogeessa	AGAATCCCTCTGCCAGTATAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3837]
Noctilio	GGAAATCCCTCTGCCAGTACAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3825]
Natalus	AGAATCCCTCTGCCAGTATAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3822]
Rhinolophus	AGAATTTCTCTGCCAATACAGTTTCAATTCACAGCGTTTTGCCGAGCTCC	[3858]
Rousettus	GGAAATCCCTCTGCCAATATAGTTTCAATTCGAGCGTTTTGCTGAGCTCC	[3831]
NycterisT	AAAATCCCTCTGCCAGTATAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3798]
Nyctimene	AGAATCTCTCTGCCAATATAGTTTCAATTCGAGCGTTTTGCCGAGCTCC	[3846]
Mole	AGAATCCCTCTGCCAGTATAGTTTCAATTCACAGCGTTTTGCTGAACTCC	[3858]
Horse	AGAAATCCCTCTGCCAGTATAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3852]
Desmodus	AGAGTCTCTCTGCCAGTACAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3798]
Rhinopoma	??	[3870]
Emballonura	AGAATCCCTCTGCCAGTATAGTTTAAATTCACAGCGTTTTGCTGAGCTCC	[3810]
Cow	GGAAATCCCTCTGCCAGTATAGCTTCAATTCACAACGCTTTGCTGAGCTCC	[3846]
Pangolin	AGAATCCCTCTGCCAGTATAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3852]
Whale	AGAATCCCTCTGCCAGTATAGTTTCAATTCACAGCGTTTTGCTGAGCTCC	[3846]

[3910 3920 3930 3940 3950]
[.]

Tonatia	TCTCTACCAAGTTCAAGTATAGATATGAGGGCAAAATTACCAATTACTTT	[3839]
Myotis	TCTCGACCAAGTTCAAGTATAGATACGAGGGCAAGATCACCAATTATTTT	[3878]
Tadarida	TCTCCACCAAGTTCAAGTATAGATACGAGGGCAAAATCACCAATTATTTT	[3866]
Taphozous	??	[3872]
Megaderma	TCTCTACCAAGTTCAAGTACAGATATGAGGGCAAAATCACCAATTATTTT	[3881]
Cynopterus	TCTCTACCAAGTTCAAGTATAGATATGAGGGCAAAATCACCGGTTATTTT	[3893]
Pteropus	TCTCTACCAAGTTCAAGTATAGATATGAGGGCAAAATCACCAATTATTTT	[3878]
Hipposideros	TCTCTACCAAGTTCAAGTACAGATATGAGGGTAA?ATCACC????????	[3917]
Cat	TCTCTACCAAGTTCAAGTATCGATATGAGGGCAAAATCACCAATTACTTT	[3920]
Human	TTTCTACGAAGTTCAAGTATAGGTATGAGGGAAAAATCACCAATTATTTT	[3914]
Mouse	TCTCCACCAAGTTCAAAATATAGATACGAGGGCAAAATCACCAATTACTTT	[3812]
Flyinglemur	TCTCTACCAAGTTCAAGTATAGATATGAGGGCAAAATCACCAATTATTTT	[3923]
NycterisG	TGCTACCAAGTTCAAGTATAGATACGAGGGTAAAAATCACCAATTATTTT	[3824]
Antrozous	TCTCCACCAAGTTCAAGTATAGATACGAGGGCAAGATCACCAATTATTTT	[3869]
Rhogeessa	TCTCCACCAAGTTCAAGTATAGATATGAGGGCAAGATCACCAATTATTTT	[3887]
Noctilio	TCTCTACCAAGTTCAAGTATAGATACGAGGGCAAAATCACCAATT????	[3875]
Natalus	TCTCYACCAAAATTCAGTACAGGTACGAGGGC????????????????	[3872]
Rhinolophus	TCTCCACCAAGTTCAAGTACAGATATGAGGGCAAAATCACCAATTATTTT	[3908]
Rousettus	TCTCTACCAAGTTCAAGTATAGATATGAGGGCAAAATCACCAATTATTTT	[3881]
NycterisT	TGCTACCAAGTTCAAGTATAGATACGAGGGTAAAAATCACCAATTATTTT	[3848]
Nyctimene	TCTCTACCAAGTTCAAGTATAGATATGAGGGCAAAATCACCAATTATTTT	[3896]
Mole	TCTCTACCAAGTTCAAGTATAGATATGAGGGCAAAATCACCAATTATTTT	[3908]
Horse	TCTCTACCAAGTTCAAGTATCGGTATGAGGGCAAAAT????????????	[3902]
Desmodus	TCTCTACCAAGTTCAAGTATAGATATGAAGGCAAAATCACCAATTATTTT	[3848]
Rhinopoma	??	[3920]
Emballonura	TCTCTACCAAGTTCAAGTATAGGTACGAGGGCAAAATCACCAATTATTTT	[3860]
Cow	TCTCCACCAAGTTCAAGTATAGATATGAAGGCAAAATCACCAATTATTTT	[3896]
Pangolin	TCTCTACCAAGTTCAAGTACAGATATGAGGGCAAAATCACCAATTATTTT	[3902]
Whale	TCTCCACCAAGTTCAAGTATAGATACGAGGGCAAAATCACCAATTATTTT	[3896]

[3960 3970 3980 3990 4000]
[.]

Tonatia	CACAAAACCTGCCTCCTCTTCGCTACCCGGCCACTTGCACATTCAAAGC	[3889]
Myotis	CACAAAACCTTCCTCCTCTTCGCTACCCAGCCACTTGCACATTCAAAGA	[3928]
Tadarida	CACAAAAC?????CCTCTTCGCTACCCAGCCACTTGCACATTCAAAGGA	[3916]
Taphozous	?????????CTTCTCCT?TTCGCTACCCAGCCACTTGCATGTTCAAAGAA	[3922]
Megaderma	CACAAA?CTTCTCCTCTTCGCTACCCAGCCACTTGCATATTCAAAGGC	[3931]
Cynopterus	CAAAAGGC?????CCTCTTCGCTACCCAGCCACTTGCATTTTCAAAGGC	[3943]
Pteropus	CACAAAACCTTCCTCCTCTTCGCTACCCAGCCACTTGCATGTTCAAAGGC	[3928]
Hipposideros	?????????CTCCTCCTCTACGCTACCCAGCCACTTGCACATTCAAAGGC	[3967]

Cat	CACAAAACCTTCCTCCTCTTCGTTACCCAGCCACTTGCATCTTCAGAGCC	[3970]
Human	CACAAAACCTCCCTCCTCTTCGCTACCCAGCCACTTGCACATTCAAAGGC	[3964]
Mouse	CACAAAACCTCCACCTCTTCGTTATCCAGTACTTGTCTCATACAAAGGC	[3862]
Flyinglemur	CACAAAAC?????CCTCTTCGCTACCCAGCCACTTGTACATTCAAAAGC	[3973]
NycterisG	CACAAAAC?????CCTCTTCGCTACCCAGCCACTTGCATTCAAAGGC	[3874]
Antrozous	CCCAAAAACCTTCCTCCTCTTCGCTACCCAGCCACTTGCATTCAAAGGA	[3919]
Rhogeessa	CACAAAAC?????CCTCCTCTTCGCTACCCAGCCACTTGCATTCAAAGGA	[3937]
Noctilio	???????CCTCCTCCTCTTCGCTACCCAGCCACTTGCATTCGAAAGGC	[3925]
Natalus	???????CCTCCTCCTCTTCGCTACCCAGCCACTTGCACATTCAAAGAA	[3922]
Rhinolophus	CACA????????????????????????????????????CCTTGCACATTCAAAGGG	[3958]
Rousettus	CACAAAAC????????????????????????????????????CCTTGCATTCAAAGGC	[3931]
NycterisT	CACAAAAC????????????????????????????????????CCACTTGCACATTCAAAGGC	[3898]
Nyctimene	CACAAAAC?????????????????????????????????????TGTTCAAAGGC	[3946]
Mole	CACAAAAC????CCTCCTCTCCGCTACCCAGCCACTTGCACAATCAAAGGC	[3958]
Horse	?????????TCTCCTCTCCGCTACCCAGCCACTTGTCTCCTTCAAAGGC	[3952]
Desmodus	CACAAAAC????CCTCCTCTTCGCTACCCAGCCACTTGCACATTCAAAGGC	[3898]
Rhinopoma	?????????CTCCTCCTCTTCGCTACCCAGCCACTTGCATTCAAAGGC	[3970]
Emballonura	CACAAAAC???GGC	[3910]
Cow	CACAAAACCTCCCTCCTCTTCGATACCCGGCCACTTGCACATTCAGCGGC	[3946]
Pangolin	CACAAAACCTCCCTCCTCTTCGCTACCCAGCCACTTGCACATTCAAAGGC	[3952]
Whale	CACAAAACCTCC?TCTCCTTCGTTACCCAGCCACTTGCACATTCAAAGGC	[3946]

[	4010	4020	4030	4040	4050]
[.]

Tonatia	AGTGTGGAGTCTGAAAAGCAACAGTACATTATCCACGGGGGAAAAACACC	[3939]
Myotis	AGGCTAGAGTTTGAAAGGCACCAATACATTATCCACGGAGGGAAAAACACC	[3978]
Tadarida	GGCTTAGAGTCTGAAAAGCAACAATACATTATCCATGGAGGGAAAAACACC	[3966]
Taphozous	AGCTTAGAGTCTGAAAAGTGTGAGTACATTATCCATGGAGGGAAAAACACC	[3972]
Megaderma	AGCCTAGAGTCTGAAAATATCAATACATTATCCATGGAGGGAAAAACACC	[3981]
Cynopterus	AGCGGAGAGTCTGAAAAGTATCAATACATTATCCATGGAGGGAAAAACACC	[3993]
Pteropus	AGCGTAGAGCCTGAAAAGTATCAATACATTATCCATGGAGGGAAAAACACC	[3978]
Hipposideros	AGCCTAGAGTCTGACAAGTATCAATACATTATCCATGGAGGGAAAAACACC	[4017]
Cat	AGCTTAGAGTCTGAAAAGCATCAATATATCATCCATGGAGGGAAAAACACC	[4020]
Human	AGCTTAGAGTCTGAAAAGCATCAATACATCATCCATGGAGGGAAAAACACC	[4014]
Mouse	AGCATAGACTCTGACAAGCATCAATATATCATTCACGGAGGGAAAAACACC	[3912]
Flyinglemur	AGCTTAGAGTCTGATCAGCAGCATATATCATCCATGGAGGGAAAAACACC	[4023]
NycterisG	AGCTTAGAATCAGAAAAGCATCAATACATTATCCATGGAGGGAAAAACACC	[3924]
Antrozous	GGCTTAGAGTCTGAAAGGCAGCAATACATTATTCATGGAGGGAAAAACACC	[3969]
Rhogeessa	GGCTTAGAGTCTGAAAGGCAGCAATACATTATCCACGGAGGGAAAAACACC	[3987]
Noctilio	AGCTTAGAGTCTGAAAAGCAACAATACATTATCCATGGGGGGAAGACCCC	[3975]
Natalus	GGCTTAGAGTGTGAAAAGCAACAATACATTATCCATGGAGGGAAAAACACC	[3972]
Rhinolophus	AGCCTAGAGTCTGAAAAGTATCAATACATCATCCATGGAGGGAAAAACACC	[4008]
Rousettus	AGCGCAGAATCTGAAAAGTATCAATACATTATCCATGGAGGGAAAAACACC	[3981]
NycterisT	AGCTTAGAATCTGAAAAGCATCAATACATTATCCATGGAGGGAAAAACACC	[3948]
Nyctimene	AGCGTAGAGTCTGAAAAGTATCAATTCATTATCCATGGAGGGAAAAACACC	[3996]
Mole	AGCTTAGAGTCTGAAAAGCATCAATACGTTATCCATGGTGGGAAAAACACC	[4008]
Horse	AGCTCAGAGTCTGAAAAGCATCAATACATCATCCACGGAGGGAAAAACACC	[4002]
Desmodus	AGTTCGGAGCCTGAAAAGCAACAATACATTATCCATGGGGGAAAAACACC	[3948]
Rhinopoma	AGCCTAGAGTCTGAAAAGTATCAATACGTTATCCATGGAGGGAAAAACACC	[4020]
Emballonura	AGCTTAGAGTCTGAAAAGTATCAATACATTATCCATGGAGGGAAAAACACC	[3960]
Cow	AACTTGGAGTCTGAAAAGCATCAGTACATCATCCATGGAGGGAAAAACACC	[3996]
Pangolin	AGCTTAGAGTCTGAAAAGCATCAGTACATCATCCACGGAGGGAAAAACACC	[4002]
Whale	ACC?TAGAGTCTGAAAAGCATCAGTACATCATCCATGGAGGGAAAAACACC	[3996]

[	4060	4070	4080	4090	4100]
[.]

Tonatia	GAACAATGAGCTTTCGATAAGATTTATGTCATGCTGTTGTGTGCAAGA	[3989]
Myotis	AAACAATGAGCTTTCAGATAAGATGTATGTTATGTCGTTGTGTGCAAGA	[4028]
Tadarida	CAACAATGAGCTTTCAGATAAGATTTATGTCATGCTGTTGTGTGCAAGA	[4016]
Taphozous	GAACAATGAGCTTTCAGATAAGATTTATGTCATGCTGTTGTGTGCAAGA	[4022]
Megaderma	AAACAATGAGCTTTCAGATAAAATTTATGTCATGCTGTTGTGTGCAAGA	[4031]
Cynopterus	AAACAATGAGCTTTCAGATAAAATTTATGTCATGCTGTTGTGTGTAAGA	[4043]
Pteropus	AAACAATGAGCTTTCAAATAAAATTTATGTCATGCTATTGTGTGTAAGA	[4028]
Hipposideros	AAACAATGAGCTTTCAGATAAGATTTATGTCATGCTGTCGTTGTGCAAGA	[4067]
Cat	AAATAATGAGCTTTCAGATAAGATTTATGTCATGCTGTTGTGTGCAAGA	[4070]
Human	AAACAATGAGCTTTCAGATAAGATTTATGTCATGCTATTGTTGTGCAAGA	[4064]
Mouse	AAACAATGAGCTTTCGATAAGATTTATATCATGCTGTCGCTTGTGCAAGA	[3962]
Flyinglemur	AAACAATGAGCTTTCAGATAAGATTTATGTCATGCTGTTGTGTGCAAGA	[4073]
NycterisG	AAATAATGAGCTTTCAGATAAAATTTATGTCATGCTGTTGTGTGCAAGA	[3974]
Antrozous	AAACAATGAGCTTTCAGATAAGATGTATGTTATGTCGTTGTGTGCAAGA	[4019]
Rhogeessa	AAACAATGAGCTTTCAGATAAGATGTATGTTATGTCGTTGTGTGCAAGA	[4037]

Noctilio	AAACAATGAGCTTTCAGATAAGATTTACGTCATGTCTGTTGTATGCAAAA	[4025]
Natalus	AAACAATGAACCTTTCAGATAAGATTTATGTCATATCTGTTGTGTGCAAGA	[4022]
Rhinolophus	AAACAATGAGCTTTCAGATAAGATTTATGTCATGTCTGTTATGTGCAAGA	[4058]
Rousettus	AAACAATGAGCTTTCAGATAAAATTTATGTCATATCTGTTGTGTCTAAGA	[4031]
NycterisT	AAATAATGAGCTTTCAGATAAAATGTATGTGATGTCTGTTGTGTGCAAGA	[3998]
Nyctimene	AAACAATGAGCTTTCAGATAAAATTTATGTCATGTCTGTTGTGTGTAAGA	[4046]
Mole	AAACAATGAGCTTTCAGATAAGATCTATGTCATGTCTGTTGTTGCAAGA	[4058]
Horse	AAACAATGAGCTTTCGGATAAGATTTATGTCATGTCTGTTCTTTGCAAGA	[4052]
Desmodus	AAACAATGAGCTTTCGATAAGATCTATGTCATGTCTGTTGTGTGCAAGA	[3998]
Rhinopoma	AAACAATGAGCTTTCAGATAAGATATATGTCATGTCTGTTGTGTGCAAGA	[4070]
Emballonura	AAACAATGAGCTATCAGATAAGATTTATGTCATGTCTGTTGTCATGCAAGA	[4010]
Cow	AAACAATGAGCTTTCAGATAAGATTTATGTGATGTCTGTTGTTTCCAAGA	[4046]
Pangolin	AAACAATGAACCTTTCAGATAAGATTTATGTCATGTCTGTTGTTTGAAGA	[4052]
Whale	AAACAATGAGCTTTCAGATAAGATTTATATCATGTCTGTTTTTGAAGA	[4046]

[4110 4120 4130 4140 4150]
[.]

Tonatia	ACAACAAGAAAGTTACTTTTTGCTGTACTGAGAAAGACTTGGTGGGGGAC	[4039]
Myotis	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4078]
Tadarida	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4066]
Taphozous	ACAACAAAAAAGTTACTTTTCAATGCACTGAGAAAGACTTGGTAGGAGAT	[4072]
Megaderma	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4081]
Cynopterus	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4093]
Pteropus	CCAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4078]
Hipposideros	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4117]
Cat	ACAACAAAAAAGTTACTTTTTGCTGCACGGAGAAAGACTTGGTAGGAGAT	[4120]
Human	ACAACAAAAAAGTTACTTTTCGCTGCACAGAGAAAGACTTGGTAGGAGAT	[4114]
Mouse	ATAACAAAAAAGTTACTTTCCGTTGCACAGAGAAAGACTTAGTAGGAGAT	[4012]
Flyinglemur	ACAACAAAAAAGTTACTTTTCAGTGCACGGAGAAAGACTTGGTAGGAGAC	[4123]
NycterisG	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4024]
Antrozous	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4069]
Rhogeessa	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4087]
Noctilio	ACAACAAAAAAGTTACTTTTTGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4075]
Natalus	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4072]
Rhinolophus	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4108]
Rousettus	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4081]
NycterisT	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4048]
Nyctimene	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4096]
Mole	GCAACAAAAAAGTTACTTTTCGTTGCACAGAGAAAGACTTGGTAGGAGAT	[4108]
Horse	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4102]
Desmodus	ACAACAAGAAAGTTACTTTTTGCTGTACTGAGAAAGACTTGGTGGGAGAC	[4048]
Rhinopoma	ACAACAAAAAAGTTACTTTTCGCTGCACTGAGAAAGACTTGGTAGGAGAT	[4120]
Emballonura	ACAACAAAAAAGTTACTTTTCAGTGCACAGAGAAAGACTTGGTAGGAGAT	[4060]
Cow	ACAACAAAAAAGTTACTTTTCGCTGCACAGAGAAAGACTTGGTAGGAGAC	[4096]
Pangolin	ACAACAAAAAAGTTACTTTTCGTTGCATAGAGAAAGACTTGGTAGGAGAT	[4102]
Whale	ACAACAAAAAAGTTACTTTTCGCTGCACAGAGAAAGACTTGGTAGGAGAT	[4096]

[4160 4170 4180 4190 4200]
[.]

Tonatia	ATCCCCGAAGCCAGATATGGTCATACCATTGATGTGGTGCACAGTCGAGG	[4089]
Myotis	GTTCCCTGAAGCCAGATATGGTCATTCCATTGATGTGGTATATAGTCGAGG	[4128]
Tadarida	GTTCCCTGAAGCCAGATATGGTCATTCCATTGATGTGGTCTACAGTCGAGG	[4116]
Taphozous	GTTCCAGAAAGCTAGATATGGTCATTCCATTGATGTGGTGTACAGTCGAGG	[4122]
Megaderma	GTTCCGGAAGCCAGATACGGTCATTCCATTGATGTGGTGTATAGTCGAGG	[4131]
Cynopterus	GTCCCTGAAGCCAGATATGGCCATTCCATCGACGTGGTGTATAGCCGGGG	[4143]
Pteropus	GTCCCTGAAGCCAGATATGGTCATTCCATCGACGTGGTGTATAGCCGGGG	[4128]
Hipposideros	GTCCCGGAAGCCAGATATGGTCATTCCCTTGACGTGGTATATAGTCGAGG	[4167]
Cat	GTCCCTGAAGCCAGATATGGTCATTCCATTGATGTGGTGTATAGTCGAGG	[4170]
Human	GTTCCCTGAAGCCAGATATGGTCATTCCATTAATGTGGTGTACAGCCGAGG	[4164]
Mouse	GTCCCTGAACCCAGATACGGCCATTCCATTGACGTGGTGTATAGTCGAGG	[4062]
Flyinglemur	GTTCCCTGAAGCCAGATATGGTCACTCCATTGATGTGGTGTATAGTCGAGG	[4173]
NycterisG	GTTCCCTGAAGCCAGATATGGTCATTCCATCGATGTGGTGTACAGCCGAGG	[4074]
Antrozous	GTTCCCTGTAGCCAGATATGGTCATTCCATTGACATGGTATATAGTCGAGG	[4119]
Rhogeessa	GTTCCCTGTAGCCAGATATGGTCATTCCATTGACATGATATATAGTCGAGG	[4137]
Noctilio	GTCCCTGAAGCCAGATATGGTCATTCCATTGATGTGGTGTACAGTCGAGG	[4125]
Natalus	GTTCCCTGAAGCCAGATATGGTCATTCCATTGATGTGGTGTATACAGTCGAGG	[4122]
Rhinolophus	GTCCCGGAAGCCAGATATGGTCATTCCATTGATGTGGTGTACAGTCGAGG	[4158]
Rousettus	GTTCCCGAAGCCAGATATGGTCATTCCATCGACGTGGTGTATAGCCGGGG	[4131]
NycterisT	GTTCCCTGAAGCCAGATATGGTCATTCCATTGATGTGGTGTACAGTCGAGG	[4098]
Nyctimene	GTCCCTGAAGCCAGATATGGTCATTCCATTGACGTGGTGTATAGCCGGGG	[4146]
Mole	GTTCCCTGAAGCCAGATATGGTCATTCCATTGATGTGGTGTACAGTCGAGG	[4158]

Horse	GTTCTGAAGCCAGATATGGTCATTCCATTGATGTGGTGTATAGTCGAGG	[4152]
Desmodus	ATCCCCGAAGCCAGATACGGCCATACCATTGATGTGGTGTACAGTCGAGG	[4098]
Rhinopoma	GTTCCGGAAGCCAGATATGGTCATTCCATTGATGTGGTGTATAGTCGAGG	[4170]
Emballonura	GTTCTGAAGCTAGATACGGTCATTCCATTGATATGGTGTACAGTCGAGG	[4110]
Cow	ATTCTGAAGCCAGATATGGTCATTCCATTGATGTGGTGTATAGTCGGGG	[4146]
Pangolin	GTTCTGAAGCCAGATATGGTCATACCATTGATGTGGTGTATAGTCGAGG	[4152]
Whale	GTTCTGAAGCCAGGTATGGTCATTCCATTGATGTGGTGTATAGTCGCGG	[4146]

[4210 4220 4230 4240 4250]
[.]

Tonatia	GAAGAGCATGGGTGTTGTCTTTCGGAGGGCGATCGTACATACCTTCTGCCC	[4139]
Myotis	GAAGAGCATGGGTGTTGTCTTTCGGAGGGCGGCATACATACCTTCTGCCC	[4178]
Tadarida	GAAAAGCATGGGTGTTGTCTTTCGGAGGACGATCATAACACCTCTGCCC	[4166]
Taphozous	GAAGAGTATGGGTGTTATCTTTGGAGGACGATCATAACACCTCTGCCC	[4172]
Megaderma	GAAGAGTATGGGTGTTCTCTTTCGGTGGGCGAGCATAACACCTCTGCCC	[4181]
Cynopterus	AAAGAGTGTGGGTGTTCTCTTTCGGAGGACGAGCATAACACCTCTGCCC	[4193]
Pteropus	AAAGAGTGTGGGTGTTCTCTTTCGGAGGACGAGCATAACACCTCTGCTC	[4178]
Hipposideros	GAAGAGTATGGGTGTTCTCTTTCGGTGGACGAGCATAACACCTTCTGCCC	[4217]
Cat	GAGGATATGGGTGTTCTCTTTCGGAGGACGGTCATACATGCCTTCTGCCC	[4220]
Human	GAAAAGTATGGGTGTTCTCTTTCGGAGGACGGTCATACATGCCTTCTACCC	[4214]
Mouse	GAAAAGCATGGGTGTTCTCTTTCGGAGGACGGTCATACATGCCTTCTACCC	[4112]
Flyinglemur	GAAAAGTATGGGTGTTCTCTTTCGGAGGACGGTCTTACATGCCTTCTACCC	[4223]
NycterisG	GAAGAGCATGGGTGTTGTCTTTCGGAGGGCGATCATAACACCTTCCGCCC	[4124]
Antrozous	AAAGAGCATGGGTGTGATCTTTCGGAGGGCGGCATATGTGCCTTCTGTCC	[4169]
Rhogeessa	GAAGAGCATGGGTGTTGTCTTTCGGAGGGCGGCATACATATCTTCTGCCC	[4187]
Noctilio	CAAGAGCATGGGGTGTCTTTCGGAGGGCGATCATAACACCTTCTGCCC	[4175]
Natalus	AAAGAGCATGGGCGTGTCTTTCGGAGGACGATCATAACACCTTCTGCCC	[4172]
Rhinolophus	GAAGAGTATGGGTGTTCTCTTTCGGTGGACGAGCATAACACCTCTGCCC	[4208]
Rousettus	AAAGAGTGTGGGTGTTCTCTTTCGGAGGACGAGCATAACACCTCTGCCC	[4181]
NycterisT	GAAGAGCATGGGTGTTGTCTTTCGGAGGACGATCATAACACCTTCTGCCC	[4148]
Nyctimene	AAAGAGTGTGGGTGTTCTCTTTCGGAGGACGAGCATAACACCTCTGCCC	[4196]
Mole	AAAAGTATTGGTGTCTCTTTCGGAGGACGGTCATACATACCTTCTGCCC	[4208]
Horse	GAAAGTATAGGTGTTCTCTTTCGGAGGACGGTCCTACATCCCCTCCACCC	[4202]
Desmodus	GAAGAGCATGGGTGTTGTCTTTCGGAGGGCGATCATAACACCTTCTGCCC	[4148]
Rhinopoma	AAAGAGCATGGGTGTTATCTTTCGGTGGACGAGCATAACACCTTCTGCCC	[4220]
Emballonura	AAAGAGCATGGGTGTTATCTTTCGGAGGACGATCATAACACCTCTTCCC	[4160]
Cow	GAAAAGTATGGGTGTTCTCTTTCGGAGGACGGTCATACATACCTTCTGCCC	[4196]
Pangolin	GAAAAGCATGGGTGTTCTCTTTCGGAGGACGGTCATACATGCCTTCTGCCC	[4202]
Whale	AAAAGTGTGGGTGTTCTCTTTCGGAGGACGGTCATACATACCTTCCGCCC	[4196]

[4260 4270 4280 4290 4300]
[.]

Tonatia	AGAGAACCACGGAAGTGAATAGTGTGGCTGACTGCCTGCCCCACGTT	[4189]
Myotis	AGAGAACCACAGAAAAATGGAATACTGTAGCAGACTGCCTGCCCCATGTT	[4228]
Tadarida	AAAGAATCACAGAAAAATGGAATAGTGTAGCTGACTGCCTGCCCCATGTT	[4216]
Taphozous	AGAGAACCACAGAAAAATGGAATAGTGTAGCTGACTGCCTGCCCCACGTT	[4222]
Megaderma	AAAGAACCACAGAAAAATGGAATAGTGTAGCTGACTGTCAGCCATGTT	[4231]
Cynopterus	AGAGAACCACAGAAAAATGGAACAGCGTGGCTGACTGCCTGCCCCATGTT	[4243]
Pteropus	AAAGAACCACAGAAAAATGGAACAGCGTAGCTGACTGCCTGCCCCATGTT	[4228]
Hipposideros	AAAGAATCACAGAAAAATGGAACAGTGTAGCTGACTGCCTGCCCCATAT	[4267]
Cat	AAAGAATCACAGAAAAATGGAATAGTGTAGCTGACTGTCGCCCCATGTT	[4270]
Human	ACAGAACCACAGAAAAATGGAATAGTGTAGCTGACTGCCTGCCCCATGTT	[4264]
Mouse	AGAGAACCACAGAAAAATGGAATAGTGTAGCTGACTGCCTACCCCCATGTT	[4162]
Flyinglemur	AAAGAACCACAGAAAAATGGAATAGTGTAGCTGACTGCCTGCCCCATGTT	[4273]
NycterisG	AAAGAACCACAGAAAAATGGAATAGTGTAGCTGACTGCCTGCCCCATGTT	[4174]
Antrozous	AGAGAACCACAGAAAAATGGAATACTGTAGCAGACTGCCTGCCCCATGTT	[4219]
Rhogeessa	AGAGAACCACGAAAAATGGAATACTGTAGCAGACTGCCTGCCCCATGTT	[4237]
Noctilio	AAAGAACCACAGAAAAATGGAATAGTGTGCTGACTGCCTGCCCCACATT	[4225]
Natalus	AAAGAACCACAGAAAAATGGAATAGTGTAGCTGACTGCCTGCCCCATGTT	[4222]
Rhinolophus	AAAGAACCACAGAAAAATGGAATAGTGTAGCTGACTGCCTGCCCCATATA	[4258]
Rousettus	AAAGAACCACAGAAAAATGGAACAGCGTAGCTGACTGCCTGCCCCATGTT	[4231]
NycterisT	AAAGAACCACAGAAAAATGGAATAGTGTAGCTGACTGCCTGCCCCATGTT	[4198]
Nyctimene	AAAGAATCACAGAAAAATGGAACAGTGTAGCTGACTGCCTACCCCCATGTT	[4246]
Mole	AGAGAACCACAGAAAAATGGAATAGTGTAGCTGACTGCCTGCCCCATGTT	[4258]
Horse	AAAGAACCACAGAAAAATGGAATAGCTGACTGACTGCCTGCCCCATGTT	[4252]
Desmodus	AAAGAACCACGGAAGTGAACAGTGTAGCTGACTGCCTGCCCCACATT	[4198]
Rhinopoma	AAAGAACCACAGAAAAATGGAATAGTGTAGCTGACTGCCTGCCCCATGTT	[4270]
Emballonura	AAAGAACCACAGAAAAATGGAATAGTGTACTGACTGCCTGCCCCACGTT	[4210]
Cow	AAAGAACCACAGAAAAATGGAACAGTGTAGCTGACTGCCTGCCCCATGTC	[4246]
Pangolin	AAAGAACCACAGAAAAATGGAATAGCTGACTGACTGCCTGCCCCATGTT	[4252]
Whale	AAAGAACCACAGAAAAATGGAACAGTGTAGCTGACTGCCTGCCCCATGTT	[4246]

[	4310	4320	4330	4340	4350]	
[.]
Tonatia	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4239]
Myotis	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4278]
Tadarida	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4266]
Taphozous	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4272]
Megaderma	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCTGA					[4281]
Cynopterus	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACGGCATACTTCTCCAGA					[4293]
Pteropus	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACGGCATACTTCTCCAGA					[4278]
Hipposideros	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4317]
Cat	TTCTTGGTAGATTTTGAATTTGGGTGCTCTACGTACATACTTCTGCCAGA					[4320]
Human	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4314]
Mouse	TTCTTGTAGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4212]
Flyinglemur	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4323]
NycterisG	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4224]
Antrozous	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4269]
Rhogeessa	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACAGCATACTTCTCCAGA					[4287]
Noctilio	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4275]
Natalus	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACGTACATACTTCTCCAGA					[4272]
Rhinolophus	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4308]
Rousettus	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACAGCATACTTCTCCAGA					[4281]
NycterisT	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4248]
Nyctimene	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACGGCATACTTCTCCAGA					[4296]
Mole	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCTGA					[4308]
Horse	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4302]
Desmodus	TTCTTGGTGGATTTTGAATTTGGGTGCTCAACATCATACTTCTCCAGA					[4248]
Rhinopoma	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACATCATACTTCTCCAGA					[4320]
Emballonura	TTCTTGGTGGATTTTGAATTTGGGTGCTGTACATCATACTTCTCCAGA					[4260]
Cow	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACGTACATACTTCTCCAGA					[4296]
Pangolin	TTTTGGTAGATTTTGAATTTGGGTGCTCTGTGTACATACTTCTCCAGA					[4302]
Whale	TTCTTGGTGGATTTTGAATTTGGGTGCTCTACGTACATACTTCTCCAGA					[4296]

[	4360	4370	4380	4390	4400]	
[.]
Tonatia	ACTTCAGGATGGGCTATCTTTTCATGTCTCCATTGCCAGAAATGACACCA					[4289]
Myotis	ACTTCAGGATGGGCTATCTTTTCATGTCTCCATTGCCAGAAATGATACCA					[4328]
Tadarida	ACTTCAGGATGGGCTATCTTTTCATGTCTCCATTGCCAGAAATGATACCA					[4316]
Taphozous	ACTTCAGGATGGGCTATCTTTTCATGTCTCCATTGCCAGAAATGATACCA					[4322]
Megaderma	ACTTCAGGATGGGCTATCTTTTCATGTCTCTATTGCCAGAAATGATACCA					[4331]
Cynopterus	ACTTCAGGATGGGCTGTCTTTTCATGTCTCCATTGCCAGAAACGATACCA					[4343]
Pteropus	ACTTCAGGATGGGCTGTCTTTTCATGTCTCCATTGCCAGAAACGATACCA					[4328]
Hipposideros	ACTTCAGGATGGACTATCTTTTCATGTCTCCATTGCCAGAAATGATACCG					[4367]
Cat	ACTTCAGGATGGGTTATCTTTTCATGTCTCCATTGCCAGAAATGATACCA					[4370]
Human	ACTTCAGGATGGGCTATCTTTTCATGTCTCTATTGCCAAAAATGACACCA					[4364]
Mouse	ACTTCAGGATGGGCTGTCTTTTCATGTCTTCTATTGCCAGAAACGATACCG					[4262]
Flyinglemur	ACTTCAGGATGGGCTATCTTTTCATGTCTCCATTGCCAGAAATGATACCA					[4373]
NycterisG	ACTTCAGGATGGGCTATCATTTTCATGTCTCCATTGCCAGAAATGATACCG					[4274]
Antrozous	ACTTCAGGATGGGCTCGCATTTTCATGTCTCCATTGCCAGAAATGATACCG					[4319]
Rhogeessa	ACTTCAGGATGGGCTCGCTTTTCATGTCTCCATTGCCAGAAATGATACCG					[4337]
Noctilio	GCTTCAGGATGGGCTATCTTTTCATGTCTCCATTGCCAGAAATGATACCA					[4325]
Natalus	ACTTCAGGATGGGCTATCTTTTCATGTCTCCATTGCCAGAAATGATACCA					[4322]
Rhinolophus	ACTTCAGGATGGACTATCTTTTCACGTCTCCATTGCCAGAAATGATACCA					[4358]
Rousettus	ACTTCAAGATGGGCTGTCTTTTCATGTCTCCATTGCCAGAAATGATACCA					[4331]
NycterisT	ACTTCAGGATGGGCTATCATTTTCATGTCTCCATTGCCAGAAATGATACCG					[4298]
Nyctimene	ACTTCAGGATGGGCTGTCTTTTCATGTCTCCATTGCCAGAAATGATACCA					[4346]
Mole	ACTTCAGGATGGACTCTCTTTTCATGTCTCCATTGCCAGAAATGATACCA					[4358]
Horse	ACTTCAGGATGGGCTATCTTTTCACGTCTCCATTGCCAGAAATGATACCA					[4352]
Desmodus	ACTTCAGGATGGGCTATCTTTTCATGTGTCCATTGCCAGAAATGATACCG					[4298]
Rhinopoma	ACTTCAGGATGGGCTATCGTTTCATGTCTCCATTGCCAGAAATGATACCA					[4370]
Emballonura	ACTTCAGGATGGGCTATCTTTTCATGTCTCCATTGTAGAAACGATACCA					[4310]
Cow	ACTTCAAGATGGACTATCTTTTCATGTCTCCATTGCCAGAAATGATACCG					[4346]
Pangolin	ACTTCAGGATGGGTTATCTTTTCACGTCTCCATTGCCAGAAATGATACGA					[4352]
Whale	ACTTCAGGATGGGCTATCTTTTCACGTCTCCATTGCCAGAAATGATACCA					[4346]

[	4410	4420	4430	4440	4450]	
[.]
Tonatia	TTTATATTTTAGGAGGGCATTCACTTGCCAATAACATCCGCCCTGCCAAC					[4339]
Myotis	TTTATATTTTAGGAGGACATTCACTTGCCAATAACATCCGCCCTGCCAAC					[4378]
Tadarida	TTTATATTTTAGGAGGACATTCACTTGCCAATAACGTCGCCCTGCCAAC					[4366]

Taphozous	TTTATATTTTAGGAGGACATTCACTTGCCAATAACGTACGCCCTGCCAAC	[4372]
Megaderma	TTTATATTTTAGGAGGACATTCACTTGCCAATAACATCCGGCCGGCCAAC	[4381]
Cynopterus	TTTATATTTTAGGAGGGCATTTCRCTTGCCAATAACGTCCGGCCCTGCCAAC	[4393]
Pteropus	TTTATATTTTAGGAGGGCATTCACTTGCCAATAATGTCCGGCCCTGCCAAC	[4378]
Hipposideros	TTTATATTTTAGGAGGACATTCACTTGCCAATAACATCCGGCCCTGCCAAC	[4417]
Cat	TTTATATTTTAGGAGGACACTCACTTGCCAATAACATCCGGCCCTGCCAAC	[4420]
Human	TCTATATTTTAGGAGGACATTCACTTGCCAATAATATCCGGCCCTGCCAAC	[4414]
Mouse	TTTATATTTTAGGAGGACACTCACTTGCCAGTAATATACGCCCTGCTAAC	[4312]
Flyinglemur	TTTATATTTTAGGAGGACATTCACTTGCCAACAACATCCGGCCCTACCAAT	[4423]
NycterisG	TTTATATTTTAGGAGGACATTCACTTGCCAATAACGTCCGGCCCTGCCAAC	[4324]
Antrozous	TTTATATTTTAGGAGGACATTCACTTGCCAATAACATCCGGCCCTGCCAAC	[4369]
Rhogeessa	TTTATATTTTAGGAGGACATTCACTTGCCAATAACATCCGGCCCTGCCAAC	[4387]
Noctilio	TTTATATTTTAGGAGGGCATTCACTTGCCAATAACATCCGGCCCGCCAAC	[4375]
Natalus	TTTATATTTTAGGAGGACATTCACTTGCCAATAATGTCCGGCCCTGCCAAC	[4372]
Rhinolophus	TTTATATTTTAGGAGGACATTCACTTGCCAATAACATCCGGCCCTGCCAAC	[4408]
Rousettus	TTTATATTTTAGGAGGGCATTCACTTGCCAATAACATCCGGCCCTGCCAAC	[4381]
NycterisT	TTTATATTTTAGGAGGACATTCACTTGCCAATAACGTCCGGCCCTGCCAAC	[4348]
Nyctimene	TTTATATTTTAGGAGGGCATTCACTTGCCAATAACGTCCGGCCCTGCCAAC	[4396]
Mole	TTTATATTTTAGGAGGACATTCTCTTGCCAATAACATCCGGCCCTGCCAAC	[4408]
Horse	TTTATATTTTAGGAGGACATTCACTTGCCAATAACATCCGGCCCTGCCAAC	[4402]
Desmodus	TCTATATTTTAGGAGGGCATTCACTTGCCAATAATATCCGGCCCTGCCAAC	[4348]
Rhinopoma	TTTATATTTTAGGAGGACATTCACTTGCCAATAACATCCGGCCCTGCCAAC	[4420]
Emballonura	TTTATATTTTAGGAGGACATTCACTTGCCAATAATGTCCGGCCCTGCCAAC	[4360]
Cow	TTTATATTTTAGGAGGCCATTCACTTGCCAATAACATCCGGCCCTGCCAAC	[4396]
Pangolin	TTTATATTTTAGGAGGACATTCACTTGCCAATAACATCCGGCCCTGCCAAC	[4402]
Whale	TTTATATTTTAGGAGGCCATTCACTTGCCAATAACATCCGGCCCTGCCAGT	[4396]

[4460 4470 4480 4490 4500]
[.]

Tonatia	CTATACAGAATAAAGGTTGATCTACCCCTGGGTAGCCCGGCTGTGAATTG	[4389]
Myotis	CTATACAGAATAAGGGTTGATCTCCCCTGGGTAGCCAGCTGTGAATTG	[4428]
Tadarida	CTATACAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTAAACTG	[4416]
Taphozous	CTATACAGAATAAAGGTTGATCTACCCCTGGGTAGCCAGCTGTGAATTG	[4422]
Megaderma	CTGTACAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTGAATTG	[4431]
Cynopterus	CTATACAGAATAAAGGTCGATCTGCCCTGGGTAGCCAGCTGTGAATTG	[4443]
Pteropus	CTATACAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTGAATTG	[4428]
Hipposideros	CTGTACAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTCAATTG	[4467]
Cat	CTATACAGCATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTGAATTG	[4470]
Human	CTGTACAGAATAAAGGTTGATCTTCCCCTGGGTAGCCAGCTGTGAATTG	[4464]
Mouse	TTGTATAGAATAAAGGTGGACCTTCCCCTGGGTAGCCAGCTGTGAATTG	[4362]
Flyinglemur	CTATACAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTGAATTG	[4473]
NycterisG	CTATACAGAATAAAGTTGACCTCCCCTTAGGTAGCCAGCTGTGAATTG	[4374]
Antrozous	CTGTACAAAATAACAGTTGATCTCCCCTGGGTAGCCAGCTGTGAATTG	[4419]
Rhogeessa	CTGTACAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTGGATTG	[4437]
Noctilio	CTCTACAGAATAAAGGTTGACCTCCCCTGGGTAGCCAGCTGTGAATTG	[4425]
Natalus	CTGTACAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTGAGTTG	[4422]
Rhinolophus	CTATATAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTAAATTG	[4458]
Rousettus	CTATACAGAATAAAGGTTGATCTTCCCCTGGGTAGCCAGCTGTGAATTG	[4431]
NycterisT	CTATACAGAATAAAGTTGACCTCCCCTGGGTAGCCAGCTGTGAATTG	[4398]
Nyctimene	CTATACAGAATAAAGGTCGATCTCCCCTGGGTAGCCAGCTGTGAATTG	[4446]
Mole	CTATATAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTGAATTG	[4458]
Horse	CTATACAGAATAAAGGTTGATCTCCCCTGGGTAGTCCAGCAGTGAATTG	[4452]
Desmodus	CTATACAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTGAATTG	[4398]
Rhinopoma	CTATACAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTAAATTG	[4470]
Emballonura	CTATACAGAATAAAGGTTGATCTACCTCTGGGTAGTCCAGCTGTGAATTG	[4410]
Cow	CTGTACAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTGGAGTG	[4446]
Pangolin	CTATACAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTGGATTG	[4452]
Whale	CTATACAGAATAAAGGTTGATCTCCCCTGGGTAGCCAGCTGTGAATTG	[4446]

[4510 4520 4530 4540 4550]
[.]

Tonatia	CACGGTGTGCCAGGAGGAATCTCTGTCTCTAGTGCAATCCTGACTCAAA	[4439]
Myotis	CACAGTTTTGCCAGGAGGAATCTCTGTCTCTAGTGCAATCCTGACTCAGA	[4478]
Tadarida	CACAGTTTTGCCAAGAGGAATCTCTGTCTTCCAGTGCAATCCTGACTCAAA	[4466]
Taphozous	CACAGTTTTGCCAGGAGGAATCTCTGTCTCCAGTGCAATCCTGACTCAAA	[4472]
Megaderma	CACAGTTTTGCCAGGAGGAATCTCAGTTTCCAGTGCAATCCTGACTCAAA	[4481]
Cynopterus	CACAGTTTTACCAGGAGGAATCTCTGTCTCCAGTGCAATCCTGACTCAAA	[4493]
Pteropus	CACAGTTTTACCAGGAGGAATCTCTGTCTCCAGTGCAATCCTGACTCAAA	[4478]
Hipposideros	CACAATTTGCCAGGAGGAATCTCTGTCTCCAGTGCGATCCTGACTCAAA	[4517]
Cat	CACAGTATTGCCAGGAGGAATCTCTGTCTCCAGTGCGATCCTGACTCAAA	[4520]
Human	CACAGTCTTGCCAGGAGGAATCTCTGTCTCCAGTGCAATCCTGACTCAAA	[4514]

Mouse	CACAGTCTTGCCAGGAGGAATCTCTGTCTCCAGTGCATCCTCACTCAA	[4412]
Flyinglemur	CACAGTCTTGCCAGGAGGAATCTCTGTCTCTAGTGGAAATCCTAACTCAA	[4523]
NycterisG	CACAGTTTTGCCAGGAGGAATCTCTGTCTCCAGTGCATCCTGACTCAA	[4424]
Antrozous	CACAGTTTTGCCAGGAGGAATCTCTGTCTCTAGTGCATCCTAACTCAA	[4469]
Rhogeessa	CACAGTTTTGCCAGGAGGATCTCTGTCTCTAGTGCATCCTGACTCAA	[4487]
Noctilio	CACAGTTCTGCCAGGAGGAATCTCTGTCTCCAGTGCATCCTAACTCAA	[4475]
Natalus	CACGTTTTTACCTGGAGGAATCTCTGTCTCTAGTGCATCCTGACTCAA	[4472]
Rhinolophus	CACAGTTTTGCCAGGAGGAATATCTGTCTCCAGTGCATCCTGACTCAA	[4508]
Rousettus	CACAGTTTTACCAGGAGGAATCTCTGTCTCCAGTGCATCCTGACCCAAA	[4481]
NycterisT	CACAGTTTTGCCAGGAGGAATCTCTGTCTCCAGTGCATCCTGACTCAA	[4448]
Nyctimene	CACAGTTTTACCAGGAGGAATCTCTGTCTCCAGTGCATCCTGACTCAA	[4496]
Mole	CACAGTCTTACCAGGAGGAATCTCTGTTTCCAGTGCATCCTGACTCAA	[4508]
Horse	CACAGTCTTGCCAGGAGGAATCTCTGTCTCCAGTGCATCCTGACTCAA	[4502]
Desmodus	CACGTTTTTACCAGGAGGAATCTCTGTCTCCAGTGCATCCTGACTCAA	[4448]
Rhinopoma	CACAGTTTTGCCAGGAGGAATCTCTGTCTCTAGTGCATCCTGACTCAA	[4520]
Emballonura	CACAGTTTTGCCAGGAGGAATCTCTGTCTCCAGTGCATCCTGACTCAA	[4460]
Cow	CACAGTCTTGCCAGGAGGAATCTCTGTCTCCAGTGCATCCTGACTCAA	[4496]
Pangolin	CACAGTCTTGCCAGGAGGAATCTCTGTCTCCAGTGCATCCTGACT???	[4502]
Whale	CACAGTCATGCCAGGAGGAATCTCTGTCTCCAGTGCATCCTGACTCAA	[4496]

[4560 4570 4580 4590 4600]
[.]

Tonatia	CAAACAGTGATGAATTTGTGATGTGGGTGGCTATCAGCTTGAAAAATCAG	[4489]
Myotis	CAAACAATGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4528]
Tadarida	CAAACAATGATGAATTTGTGATGTGGGTGGCTATCAGCTTGAAAAATCAA	[4516]
Taphozous	CAAACAATGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4522]
Megaderma	CAAGCAATGATGAATTTGTGATGTGGGTGGCTATCAGCTTGAAAAATCAA	[4531]
Cynopterus	CAAACAAGGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4543]
Pteropus	CAAACAATGATGAATTTGTTATTGTGGGTGGCTACCAGCTTGAAAAATCAA	[4528]
Hipposideros	CAAACAATGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4567]
Cat	CAAACAGTGATGAATTTGCTATTGTTGGTGGCTATCAGCTTGAAAAATCAA	[4570]
Human	CTAACAAATGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4564]
Mouse	CAAACAATGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4462]
Flyinglemur	CTAATAATGACGAATTTGTTATTGTTGGTGGCTATCAGCATGAAAAATCAA	[4573]
NycterisG	CAAACCAATGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4474]
Antrozous	CAAGCAATGATGAATTTGTGATGTGGGTGGCTATCAGCTTGAAAAATCAA	[4519]
Rhogeessa	CAAACAATGATGAATTTGTGATGTGGGTGGCTATCAGATTGAAAAATCAA	[4537]
Noctilio	CAAACAATGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4525]
Natalus	AAAACAATGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4522]
Rhinolophus	CAAGCAATGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4558]
Rousettus	CAAACAAGGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4531]
NycterisT	CAAACCAATGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4498]
Nyctimene	CAAACAAGGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4546]
Mole	CAAACAAGGATGAATTTGTTATTGTTGGTGGCTATCAGCTTGAAAAATCAA	[4558]
Horse	CAAACAAGGATGAATTTGTTATTGTTGGTGGCTATCAGCTTGAAAAATCAA	[4552]
Desmodus	CAAACAGTGATGATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4498]
Rhinopoma	CAAACAAGGATGAATTTGTTATTGTGGGTGGCTATCAACCTGAAAAATCAA	[4570]
Emballonura	CAAACAAGGATGAATTTGTTATTGTGGGTGGCTATCAGCTTGAAAAATCAA	[4510]
Cow	TAAGCAATGATGAATTTGTTATTGTTGGTGGCTATCAGCTTGAAAAATCAA	[4546]
Pangolin	??	[4552]
Whale	TAAGCAATGATGAATTTGTTATCATCGGTGGCTATCAGCTTGAAAAATCAA	[4546]

[4610 4620 4630 4640 4650]
[.]

Tonatia	AAAAGAATGGTCTGCAATGTCATCTCTCTTTGAGAACAAAGATAGAAAAT	[4539]
Myotis	AAAAGAATGGTCTGCAACATCGTCTCTTTTGAAGACAACAGATAGAAAAT	[4578]
Tadarida	AAAAGAATGGTCTGCAACATCATCTCTTTTGAAGACAACAGATAGAAAAT	[4566]
Taphozous	AAAAGAATGGTCTGCAACATCATCTCTTTTGAAGACAACAGATAGAAAAT	[4572]
Megaderma	AAAAGAATGGTCTGCAACATCATCTCTTTTGAAGACAACAGATAGAAAAT	[4581]
Cynopterus	AAAAGAATGGTCTGCAATATCGTCTCTTTTGAAGACAACAGATAGAAAAT	[4593]
Pteropus	AAAAGAATGGTCTGCAATATCGTCTCTTTTGAAGACAACAGATAGAAAAT	[4578]
Hipposideros	AAAAGAATGGTCTGCAACATCATCTCTTTTGAAGACAACAGATAGAAAAT	[4617]
Cat	AAAAGAATGGTCTGCAACATGTCCTCTTTTGTGGACAACAAGATAGAAAAT	[4620]
Human	AAAAGAATGATCTGCAACATCATCTCTTTTGAAGACAACAGATAGAAAAT	[4614]
Mouse	AAAAGGATGGTCTGCAGCCTTGTCTCTTAGGGGACAACACGATTGAAAAT	[4512]
Flyinglemur	AAAAGAATGGTCTGCAACATCATCTCTTTTGAAGACAATAAGATAGAAAAT	[4623]
NycterisG	AAAAGAATGGTCTGCAACATCATCTCTTTTGAAGACAACAGATAGAAAAT	[4524]
Antrozous	AAAAGAATGGTCTGCAACATAATCTCTTTTGAAGACAAGATAGAGAT	[4569]
Rhogeessa	AAAAGAATGGTCTGCAACATAATCTCTTTTGAAGACAAGATAGAGAT	[4587]
Noctilio	AAAAGACTGGTCTGCAACATCATCTCTTTTGAAGGACAACAAGATAGAAAAT	[4575]
Natalus	AAAAGAATGGTCTGCAACATCATCTCTTTTGAAGACAATAAGATAGAAAAT	[4572]

Rhinolophus	AAAAGAATGGTCTGCAACATTGTCTCTTTTGAGGACAACAATATAGAAAT	[4608]
Rousettus	AAAAGAATGGTCTGCAATATCATCTCTTTTCGAGGACAACAAGATAGCAAT	[4581]
NycterisT	AAAAGAATGGTCTGCAACATCATCTCTTTTGAAGACAACAAGATAGAAAT	[4548]
Nyctimene	AAAAGAATGGTCTGCAATATCATCTCTTTTCGAGGACAACAAGATAGCAAT	[4596]
Mole	AAAAGAATGGTCTGCAACATTGTCTCTTTTAGAAGACAACAAGATAGATAT	[4608]
Horse	AAAAGAATGGTCTGCAACATTGTCTCTTTTGAGGACAACAAGATAGAAAT	[4602]
Desmodus	AAAAGAATGGTCTGCAACATCATCTCTCTTTGAGGGACAACAAGATAGAAAT	[4548]
Rhinopoma	AAAAGAATGGTCTGCAACATCGTCTCTTTTGAGGACAACAAGATAGAAAT	[4620]
Emballonura	AAAAGAATGGTATGCAATATCATCTCTTTTGAGGACAACAAGATAGAAAT	[4560]
Cow	AAAAGAATGGTCTGTAACATCATCTCTTTCAAGGATAACAAGATAGACAT	[4596]
Pangolin	??	[4602]
Whale	AAAAGAATGGTCTGCAACGTCATCTCTTTTCGAGGACAACAAGATGGAAT	[4596]

[4660 4670 4680 4690 4700]
[.]

Tonatia	TCGTGAGATGGAGACCCAGATTGGACCCAGACATTAACACAGCAAGA	[4589]
Myotis	TCAGGAGAAGGAGACCCAGATTGGACCCAGATATTAAGCACAGCAAGA	[4628]
Tadarida	TCGTGAGATGGAGACCCAGATTGGACCCAGATATTAAGCATAGCAAGA	[4616]
Taphozous	TCCTGAGATGGAGACCCCAATTGGACCCAGATTTAAACACACCAAGA	[4622]
Megaderma	TCGTGAGATGGAGACCCAGATTGGACCCAGATATTAAGCACAGCAAGA	[4631]
Cynopterus	TCGTGAGATGGAACCCAGATTGGACCCCGATATTAAGCACAGCAAGA	[4643]
Pteropus	TCGTGAGATGGAGACCCCGATTGGACCC????????????????????	[4628]
Hipposideros	TCGTGAGAAGGAGACCCAGATTGGACCCAGATATTAAGCACA?CAAGA	[4667]
Cat	TCG??	[4670]
Human	TCGTGAGATGGAGACCCAGATTGGACCCAGACATTAAGCACAGCAAGA	[4664]
Mouse	CAGTGAGATGGAGACTCTGACTGGACCTCAGATATTAAGCATAGCAAAA	[4562]
Flyinglemur	TCGTGAGATGGAGACCCAGATTGGACCCAGATATTAAGCACAGCAAGA	[4673]
NycterisG	TCGTGAGATGGAGACCCAGATTG?ACCCAGATATTAAGC????????	[4574]
Antrozous	TCGTGACATGGAGACCCCGGATTG????????????????????????	[4619]
Rhogeessa	TCGTGAGATGGAGCCCGGATTGGACCCAGATATTA????????????	[4637]
Noctilio	TCGTGAGATGGAGACCCAGATTGGACCCAGACATTAAGCACAGCAAGA	[4625]
Natalus	TCATGAGATGGAGACCCAGATTGGACCCAGATATTAAGCACAGCAAGT	[4622]
Rhinolophus	TCGTGAGATGGAGACCCAGATTGGACCCAGATATTAAGCACAGCAAGA	[4658]
Rousettus	TCGTGAGATGGAGACCCCGGATTGGACCCCGAT????????????????	[4631]
NycterisT	TCGTGAGATGGAGACCCAGATTGGACCCAGATATTAACACAGCAAGC	[4598]
Nyctimene	TCGTGAGATGGAGACCCAGATTGGACCCCGATATTAAGCACAGCAAGA	[4646]
Mole	TCAGGAGATGGAGACTCCAGATTGGACCCAGATATTAAGCACAGCAAGA	[4658]
Horse	TCGTGAGATGGAGACCCAGATTGGACCCAGATATTAAGCACAGCAAGA	[4652]
Desmodus	TCGTGAGATGGAGACCCAGACTGGACCCAG????????????????????	[4598]
Rhinopoma	TCGTGAGATGGAGACCCAGATTGGACCC??????????????????????	[4670]
Emballonura	TCGTGAGATGGAGACCCAGATTGGACTGCAGATATTAAGCACAGCAAGA	[4610]
Cow	TCCTGAGATGGAACCCAGATTGGACCCAGATATTAAGCACAGCAAGA	[4646]
Pangolin	??	[4652]
Whale	TCGTGAGATGGAACCCAGATTGGACCCAGATATTAAGCACAGCAAGA	[4646]

[4710 4720 4730 4740 4750]
[.]

Tonatia	TATGGTTTGGAA?????GGAGGCCTAGAGGTGCCCCACCGAGGTCCC	[4639]
Myotis	TATGGTTGGGAAGAACCTGAAAGCCTAGAGGTGCCCCACCGAAGGCC	[4678]
Tadarida	TATGGTTTGGACGAACCCGAGGGCTCGAGGTGCCCCACCGAAGGCC	[4666]
Taphozous	TATGGGTTTGGAA????????????????????????????????????	[4672]
Megaderma	TATGGTTTGGGAGAACC CGAGGGCTCGAGGTGCCCCCTACAGAGGCC	[4681]
Cynopterus	TATGGTTTGAC??????????????????????????????????????	[4693]
Pteropus	?????????????CAACCTGGAGGCCTAGACGTGCCCCACGGAAGTCCC	[4678]
Hipposideros	TATGG?TTGGAACAACCTGGAGGCCTGGAAGTGCCCCACAGAAAGGCC	[4717]
Cat	?????????????GAGCCTGGAGGCCTAGTGGTGCCCCACAGAAAGGCC	[4720]
Human	TATGGTTTGGAAAGAGCCGGGAGGCCTGGTGGTGCCCTCCACAGATGCC	[4714]
Mouse	TATGGTTTGGAA??????????????????????????????????????	[4612]
Flyinglemur	TATGG?TTGG?GAACCCGGAGGCCTGGTGGTGCCCCACCGATGCC	[4723]
NycterisG	?????????????GAAGCCGAAGGCCTAGACGTGCCCCACAGAAAGGCC	[4624]
Antrozous	??	[4669]
Rhogeessa	?????????????GAACCCGAGGCCTCGAGGTGCCCCGACGGAAGGCC	[4687]
Noctilio	TTTGGTTGGAACAACCTGGAGGCCTAGAGGTGCCCCACAGAGGCC	[4675]
Natalus	TATGGTTTGGAAAGAACC GGAGGCCTAGAGGTGCCCCACGGAAGGCC	[4672]
Rhinolophus	TTGGTTTGGAAAGAACCTGGAGGCCTCGTGGTGCCCCACAGAAAGGCC	[4708]
Rousettus	??	[4681]
NycterisT	TATGGTTTGGAA?????????????????????????????????????GAAGGCC	[4648]
Nyctimene	TAT?????????????CCCGAGGCCTGGAGGTGCCCCACGGAAGTCCC	[4696]
Mole	TATGGTTTGGAG?????????????ACTGGTGGCGCCCCACGGAAGTACC	[4708]
Horse	CATGGTTTGGAA?????????????CCTAGAGGTGCCCTCCTACGGAAGGCC	[4702]
Desmodus	?????????????????CCCGAGGCCTAGAGGTGCCCCACCGAGGTCCC	[4648]

Rhinopoma	??	[4720]
Emballonura	TATGGTTGGAAG?????GGAGGCCTAGAGGTGCCCCCACCAGAAAGCCC	[4660]
Cow	TATGGTTTGAAGAGCCAGGAGC-----CCGCCCCCACCAGAAAGCCC	[4690]
Pangolin	????????????????CCTGGAGGCCTAGTGATGCCGCCACCGAAAGCCC	[4702]
Whale	TATGGTTTGAAGAACCAGGAGGCCTGGCGGTGCCCCCACCAGAAGCCC	[4696]

[4760 4770 4780 4790 4800]
[.]

Tonatia	AGTCAGCCTCACCCTCTGTACGTGGAGGACACCCCGAGTCGCCACTGC	[4689]
Myotis	GGTCAGTCCCACCACCCCATATGTGGAGGACACCCCGAGCCCGCTGC	[4728]
Tadarida	GGTCAGCCCCACCACCCCGTACGTGGAGGACACCCCGAGCCACCAATGC	[4716]
Taphozous	??	[4722]
Megaderma	GGTCAGCCCCACCACCCCGTATGTGGAGGAGACCCCGAGCCACCCCTGC	[4731]
Cynopterus	????GGGTCCACCACCCCATATGTGGAGGACACCCCGAGCCACCCCTGG	[4743]
Pteropus	AGGCAGCCCCACCACCCCGTATGTGGAGGACACCCCTGGAGCCGCCCTGC	[4728]
Hipposideros	GCTGAGCCCCACCCTGCGTATGTGGAGGACAGCCCGAGCCGCCCTGC	[4767]
Cat	GGTCAGGCCACCACCCCATACGTGGAGGACACCCAGAGTCGACCCTCC	[4770]
Human	GGTCAGCCCCACCCTCTGTATGTGGAGGACATCTCGAAACCGCCCTGC	[4764]
Mouse	??	[4662]
Flyinglemur	AGCCAGCCCTACCACCGAGGACGTGGAGGACACCCAGAGCCGCCCTGC	[4773]
NycterisG	GGTCAGCCCCACCACCCCGTATGTGGAGGACACCCCGAGCCACCACTGC	[4674]
Antrozous	?????????????????????ATGTGGAGGACACCCCGAGCCGCCCTGC	[4719]
Rhogeessa	GATCAGCCCCACTACCCCGTATGTGGAGGACACCCCGAGCCGCCCTGC	[4737]
Noctilio	AGTCAGCCCCACCACCCCATATGTGGAGGACACCCCTGAGCCACCACTGC	[4725]
Natalus	GGTCAGCCCCACCACCCCGTACGTGGAGGACACCCCGAGCCGCCCTGC	[4722]
Rhinolophus	GGTCAGCCCCACCACCGAGTATGTGGAGGACACCCCGAAACCGCCCTGC	[4758]
Rousettus	?????????CACCACCCCGTATGTGGAGGACACCCCGAGCCGCCCTGC	[4731]
NycterisT	GGTCAGCCCCACCACCCCGTATGTGGAGGACACCCCGAGCCGCCCTGC	[4698]
Nyctimene	AGGCAGCCCCACCACCCCATTTGTGGAGGACACCCCGAGCCGCCCTGC	[4746]
Mole	CGTCAGCCTCACCACCCCTACGTGGAGGACACCCCGAGCCGCCCTGC	[4758]
Horse	GGTCAGCCCCACCACCG?CTATGTGGAGGACACCCCGAGCCACCCCTGC	[4752]
Desmodus	GGTCAGCCCCACCACCCCGTATGTGGAGGACACCCCGAGCCGCCCTGC	[4698]
Rhinopoma	??	[4770]
Emballonura	GCTCAGCCCCACCACCCCGTATGTGGAGGACACCCCGAACCGCCACTGC	[4710]
Cow	GGTCATCCCCACAACCCCATATGTGGAGGACATCCCGAGCCGCCCTGC	[4740]
Pangolin	CGTCAGCCTCACCACCCCGTACGTGGAGGACACCGCGAGCCGCCACTGC	[4752]
Whale	GGTTGGCTTACCACCCCGTACGTGGAGGACACCGCGAGCCGCCCTGC	[4746]

[4810 4820 4830 4840 4850]
[.]

Tonatia	ATGACTCCTACTGCAGCAAGCTGCTGGACCTGGCCTTCCTGCTGGACGGC	[4739]
Myotis	ACGACTTCTTCTGCAGCAAGCTGCTGGACCTGGTCTTCCTGCTGGACGGC	[4778]
Tadarida	ACGACTTCTACTGCAGCAAGCTGCTGGACCTGGTCTTCCTGCTGGACGGC	[4766]
Taphozous	??	[4772]
Megaderma	ACGACTTCTTCTGCAGCAAGCTGCTGGACCTGGTCTTCCTGCTGGATGGC	[4781]
Cynopterus	ACGACTTCTACTGCAGCAAGCTGCTGGATCTGGTCTTCCTGCTGGATGGC	[4793]
Pteropus	ACGACTTCTACTGCAGCAAGCTGCTGGATCTGGTCTTCCTGCTGGACGGC	[4778]
Hipposideros	ATGACTTCTATTGCAGCAGGCTGCTGGACCTGGCTTTCTACTGGATGGC	[4817]
Cat	ACGATTTCTATTGCAGCAGGCTTCTGGACCTGGTTTTCTGCTAGACGGC	[4820]
Human	ACGATTTCTACTGCAGCAGGCTACTGGACCTGGTCTTCCTGCTGGATGGC	[4814]
Mouse	??	[4712]
Flyinglemur	ACGACTTCTTCTGCAGCAGGCTGCTGGATCTGGTCTTCCTGCTGGACGGC	[4823]
NycterisG	ACGACTTCTACTGCAGCAAGCTACTGGATCTGGTCTTCCTGCTGGACGGC	[4724]
Antrozous	ACGACTTCTTCTGCAGCAAGCTGCTGGACCTGGTCTTCCTGCTGGACGGC	[4769]
Rhogeessa	ACGACTTCTTCTGCAGCAAGCTGCTGGACCTGGTCTTCCTGCTGGACGGC	[4787]
Noctilio	ATGACTTCTACTGCAGCAAGCTGCTGGACCTGGTCTTCCTGCTGGATGGC	[4775]
Natalus	ATGATTTCTACTGCAGCAAGCTGCTGGACCTGGTCTTCCTGCTGGACGGC	[4772]
Rhinolophus	ATGACTTCTACTGCAGCAAACTGCTGGACCTGGTCTTCCTGCTGGACGGC	[4808]
Rousettus	ACGACTTCTACTGCAGCAAGTTGCTGGATCTGGTCTTCCTGCTGGACGGC	[4781]
NycterisT	ACGACTTCTACTGCAGCAAGCTGCTGGACCTGGTCTTCCTGCTGGACGGC	[4748]
Nyctimene	ACGACTTCTACTGCAGCAAGTTGCTGGACCTGGTCTTCCTGCTGGACGGC	[4796]
Mole	ACAGCTTCCACTGCAGCAAGCTGCTGGACCTGGTCTTCCTGCTGGACGGC	[4808]
Horse	ACGACTTCTACTGCAGCAAGCTTCTGGACCTGGTCTTCCTGCTAGATGGC	[4802]
Desmodus	ACGACTTCTACTGCAGCAAGCTGCTGGACCTGGTCTTCCTGCTGGACGGC	[4748]
Rhinopoma	??	[4820]
Emballonura	ACAACTTCTACTGCAGCAAGCTGCTGGACCTGGTCTTCCTGCTGGACGGC	[4760]
Cow	ATGACTTCTTCTGCAGCAAACTCCTGGACCTGGTCTTCCTGCTGGATGGC	[4790]
Pangolin	ACGACGTGTACTGCAGCAAGCTTCTGGACCTGGTCTTCCTGCTGGACGGC	[4802]
Whale	ACGACTTCTTCTGCAGCAGACTTCTGGACCTGGTCTTCCTGCTGGACGGC	[4796]

[4860 4870 4880 4890 4900]

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Tonatia	TCCTCCAAGCTGTCCGAGGCCGAGTTTCGAGGTGCTGAAGGTCTTCGTGGT	[4789]
Myotis	TCCTCCAAGCTGTCCCGGCCGAGTTTCGAGGTGCTGAAGGTCTTTGTGGT	[4828]
Tadarida	TCCTCCAAGCTGTCCGAGGCCGAGTTTCGAGGTGCTGAAGGTCTTCGTGGT	[4816]
Taphozous	??	[4822]
Megaderma	TCCTCCAAGCTGTCCGAGGCCGAGTTTCGAGGTGCTGAAGGTCTTCGTGGT	[4831]
Cynoapterus	TCCAACAAGCTGTCCGAGGCCGAGTTTCGAGGTGCTGAAGGTCTTCGTGGT	[4843]
Pteropus	TCCAACAAGCTGTCTGAGGCCGAGTTTCGAGGTGCTGAAGGTCTTTGTGGT	[4828]
Hipposideros	TCCTCCAAGCTGTCCGAGGCCGAGTTTCGAGGTGCTGAAGGCCTTTGTGGT	[4867]
Cat	TCCTCCAAGCTGTCCGAGGCCGAGTTTCGAAATGCTGAAGGCCTTTGTGGT	[4870]
Human	TCCTCCAGGCTGTCCGAGGCCGAGTTTGAAGTGTGAAGGCCTTTGTGGT	[4864]
Mouse	??AAGCTTTGTGGT	[4762]
Flyinglemur	TCCTCCAAGCTGTCCGAGGCCGAGTTTGAAGTGTGAAGGCCTTCGTGGT	[4873]
NycterisG	TCCTCCAAGCTGTCCGAGGCCGAGTTTCGAAATGCTGAAGGCCTTCGTGGT	[4774]
Antrozous	TCCTCCAAGCTGTCCCGGCCGAGTTTCGAGGTGCTGAAGGTCTTTGTGGT	[4819]
Rhogeessa	TCCGCCAAGCTGTCCCGGCCGAGTTTCGAGGTGCTGAAGGTCTTTGTGGT	[4837]
Noctilio	TCCTCCAAGCTGTCTGAGGCCGAGTTTGAAGTGTGAAGGTCTTCATGGT	[4825]
Natalus	TCCTCCAAGCTGTCCGAGGCCGAGTTTCGAAATGCTGAAGGCCTTCGTGGT	[4822]
Rhinolophus	TCCTCCAAGCTGTCCGAGGCCGACTTCGAAATGCTGAAGGTCTTTGTGGT	[4858]
Rousettus	TCCAACAAGCTGTCCGAGGCCGAGTTTGAAGTGTGAAGGTGTTTCGTGGT	[4831]
NycterisT	TCCTCCAAGCTGTCCGAGGCCGAGTTTCGAAATGCTGAAGGCCTTCGTGGT	[4798]
Nyctimene	TCCAACAAGCTGTCCGAGGCCGAGTTTCGAGGTGCTGAAGGTCTTCGTGGT	[4846]
Mole	TCCTCCAAGCTGTCCGAGGCCGAGTTTGAAGTGTGAAGGCCTTCGTGGT	[4858]
Horse	TCCTCCAAGCTGTCTGAGGCCGAGTTTCGAAATGCTGAAGGCCTTTGTAGT	[4852]
Desmodus	TCCTCCAAGCTGTCCGAGGCCGAGTTTCGAGGTGCTGAAGGTCTTCGTGGT	[4798]
Rhinopoma	??	[4870]
Emballonura	TCCTCCAAGCTGTCCGAGGCCGAGTTTCGACGTGCTGAAGGTCTTCGTGGT	[4810]
Cow	TCCTCCAAGCTGTCCGAGGCCGAGTTTCGAGACGCTGAAGGCATTTCGTGGT	[4840]
Pangolin	TCCTCCAAGCTGTCCGAGGCCGAGTTTCGAAATGCTGAAGGTCTTTGTGGT	[4852]
Whale	TCCTCCAAGCTGTCTGAGGCCGACTTCGAGACGCTGAAGGCCTTCGTGGT	[4846]

[4910 4920 4930 4940 4950]

[.]

Tonatia	GGGCATGATGGAGCGCCTGCACATCTCCAGAAGCGGATCCGCGTGGCCC	[4839]
Myotis	GGACATGATGGAGCGCCTGCACATCTCCAGAAGCGGATCCGCGTGGCGC	[4878]
Tadarida	GAGCATGATGGAGCGCCTGCACATCTCCAGAAGTGGATCCGCGTGGCCA	[4866]
Taphozous	??	[4872]
Megaderma	GGGCATGATGGAGCGCCTGCACATCTCCAGAAGTGGATCCGCGTGGCCG	[4881]
Cynoapterus	GGGCATGATGGAGCGCCTGCACATCTCCAGAAGCGGATCCGCGTGGCCG	[4893]
Pteropus	GGGCATGATGGAGCGCCTGCACATCTCCAGAAGCGGATCCGCGTGGCTG	[4878]
Hipposideros	GGGCATGATGGAGCGCCTGCACATCTCCAGAAGCGGATCCGCGTGGCTG	[4917]
Cat	GGGCATGATGGAGCGCTGCACATCTCAGAAAGCGGATCCGCGTGGCCG	[4920]
Human	GGACATGATGGAGCGCCTGCACATCTCCAGAAGTGGGTCCGCGTGGCCG	[4914]
Mouse	GGGCATGATGGAGAGGTTACACATCTCAGAAAGCGCATCCGCGTGGCAG	[4812]
Flyinglemur	GGGCATGATGGAGCGCCTGCACATCTCCAGAAGTGGATCCGCGTGGCCG	[4923]
NycterisG	GGACGTGATGGAGCGCCTGCACATCTCCAGAAGAGGATCCGCGTGGCTC	[4824]
Antrozous	GGACATGATGGAGCGCCTGCACATCTCCAGAAGCGGATCCGCGTGGCCG	[4869]
Rhogeessa	GGACATGATGGAGCGCCTACACATCTCCAGAAGCGGATCCGCGTGGCCG	[4887]
Noctilio	GAACATGATGGAGCGCCTGCACATCTCCAGAAGAGGATCCGCGTGGCCG	[4875]
Natalus	GAACATGATGGAGCGCCTGCACATCTCCAGAAGTGGATCCGCGTGGCCG	[4872]
Rhinolophus	GGGCATGATGGAGCGCCTGCACATCTCCAGAAGCGCATCCGCGTGTCCG	[4908]
Rousettus	GGGCACGATGGAGCGCCTGCACATCTCCAGAAGCGGATCCGCGTGGCTG	[4881]
NycterisT	GGACGTGATGGAGCGCCTGCACATCTCCAGAAGAGGATCCGCGTGGCTC	[4848]
Nyctimene	GGGCATGATGGAGCGCCTGCACATCTCCAGAAGCGGATCCGCGTGGCCG	[4896]
Mole	GGACATGATGGAGCGCCTGCACATCTCCAGAAGCGGATCCGCGTGGCCG	[4908]
Horse	GGGCATGATGGAGCGCTTGCACATCTCCAGAAGCGGATCCGCGTGGCTG	[4902]
Desmodus	GAACATGATGGAGCGCCTGCACATCTCCAGAAGCGTATCCGCGTGGCCC	[4848]
Rhinopoma	??	[4920]
Emballonura	GGGCATGATGGAGCGCCTGCACATCTCCAGAAGCGGATCCGCGTGGCCG	[4860]
Cow	GGGCATGATGGAGCGCTGCACATTTCCAGAAGCGCATCCGCGTGGCCG	[4890]
Pangolin	GGGCACGATGGAGCGCCTGCACATCTCCAGAAGTGGATCCACGTTGGCCG	[4902]
Whale	GGGCATGATGGAGCGCCTGCATATCTCCAGAAGCGCATCCGCGTGGCCG	[4896]

[4960 4970 4980 4990 5000]

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Tonatia	TGGTGGAGTACCACGAGGGCTCCACGCCTACCTCCAGCTCCGGGACCCG	[4889]
Myotis	TGGTGGAGTACCACGAGGGCTCCACGCCTACATCCAGCTCAGGGACCCG	[4928]
Tadarida	TGGTGGAGTACCACGAGGGCTCCACGCCTACATCCAGCTCAGGGACCCG	[4916]
Taphozous	??CATCCAGCTCAGGGACCCG	[4922]
Megaderma	TGGTGGAGTACCATGACGGCTCCACGCCTACATCGAGCTCAGGGACCCG	[4931]

Cynoapterus	TGGTGGAGTACCACGACGGGTCTCACGCCTACCTGGAGCTCAGGGACCGC	[4943]
Pteropus	TGGTGGAGTATCATGACGGCTCTCACGCCTACCTCGAGCTCAGGGAGCGG	[4928]
Hipposideros	TGGTGGAGTACCACGACGGCTCCCATTCTCATCGAGCTCAGGGACCGG	[4967]
Cat	TGGTGGAGTACCATGACGGCTCCCACGCCTACATCCABCTCAAGGACCGG	[4970]
Human	TGGTGGAGTACCACGACGGCTCCCACGCCTACATCGGGCTCAAGGACCGG	[4964]
Mouse	TGGTAGAGTACCATGATGGCTCCCGTGCCTACCTTGAGCTCAAGGCCCGG	[4862]
Flyinglemur	TGGTGGAGTACCACGATGGCTCCCACGCCTACATCTCGCTCAAGGACCGG	[4973]
NycterisG	TGGTGGAGTACCACGAGGGCTCCCACGCCTACATCCAGCTCCGGGACCGG	[4874]
Antrozous	TGGTGGAGTACCACGAGGGCTCCCACGCCTACATCCAGCTCAGGGACCGG	[4919]
Rhogeessa	TGGTGGAGTACCACGAGGGCTCCCACGCCTACATCCAGCTCAGGGACCGT	[4937]
Noctilio	TGGTGGAGTATCATGAGGGCTCCCATTCTCATCCAGCTCCGGGACCGG	[4925]
Natalus	TGGTGGAGTACCACGAGGGCTCCCACGCCTACATCCAGCTCAGGGACCGG	[4922]
Rhinolophus	TGGTGGAGTACCACGACCGCTCCCATCCCTACATCGACCTCAGGGACCGG	[4958]
Rousettus	TGGTGGAAATACACGACGGCTCTCACGCCTACCTCGAGCTCAGGGACCGG	[4931]
NycterisT	TGGTGGAGTACCACGAGGGCTCCCACGCCTACATCCAGCTCCGGGACCGG	[4898]
Nyctimene	TGGTGGAGTATCATGACGGCTCTCACGCTTACCTCGAGCTCAGGGACCGG	[4946]
Mole	TGGTGGAGTACCACGACGGCTCCCACGCCTACCTCGGCCTTGGGACCGG	[4952]
Horse	TGGTGGAGTACCATGATGGCTCCCACGCCTACATCGAGCTCAGGGACCGG	[4952]
Desmodus	TGGTGGAGTACCATGAGGGCTCCCACCTCCTACATCCAGCTCCGGGACCGG	[4898]
Rhinopoma	????????????????????????????????ACATCGAGCTCCGGGACCGC	[4970]
Emballonura	TGGTGGAGTACCACGAGGGCTCCCACCTCCTACATCCAGCTCAGGGACCGG	[4910]
Cow	TGGTGGAGTACCATGATGGCTCCCATTCCCTACCTCGCGCTGCAAGACCGG	[4940]
Pangolin	TGGTGGAGTACCACGACGGCTCCCACGCCTACATCCAGCTCAAGGACCGG	[4952]
Whale	TGGTGGAGTACCACGACGGCTCCCACGCCTACATCGCACTGCAGGACCGG	[4946]

[5010 5020 5030 5040 5050]
[.]

Tonatia	AAGCGGCCCTCCGAGCTGCGGGCGCATCGCCAGCCAGGTGAAGTACGCGGG	[4939]
Myotis	AAGCGGCCCTCAGAGATGCGGGCGCCTCGCCAGCCAGGTGAAGTACGCGGG	[4978]
Tadarida	AAGCGGTCCTCGGAGCTGCGGGCGCATCGTCAGCCAGGTGAAGTACGCGGG	[4966]
Taphozous	AAGCGGCCCTCCGAGCTGCGGAGCATCGCCAGCCAGGTGAAGTACGCGGG	[4972]
Megaderma	AAGCGGCCCTCCGAGCTGCGGGCGCATTGCGAGCCAGGTGAAGTATGCAGG	[4981]
Cynoapterus	AAGCGGCCCTCCGAGCTACGACGCATCACCAGCCAGGTGAAGTATGCAGG	[4993]
Pteropus	AAGCGGCCCTCCGAGCTACGGCGTATCGCCAGCCAGGTGAAGTACGCGGG	[4978]
Hipposideros	AAGCGGCCCTCCGAGATACGGGCGCATCACCAGCCAGGTGAAGTATGCTGG	[5017]
Cat	AAGCGGCCCTCAGAGGTACGGGCGCATTG?CAGCCAGGTGAAGTATGCAGG	[5020]
Human	AAGCGACCGTCCGAGCTGCGGGCGCATTGCCAGCCAGGTGAAGTATGCAGG	[5014]
Mouse	AAGCGACCCCTCAGAGCTTCGGGCGCATCACCAGCCAGATTAAGTATACAGG	[4912]
Flyinglemur	AAGCGGCCCTCCGAGCTGCGGGCGCATCGCTGGCCAGGTGAAGTACGCGGG	[5023]
NycterisG	AAGCGGCCCTCCGAGATGCGGGCGCATCGCCAGCCAGGTGAAGTATGCAGG	[4924]
Antrozous	AAGCGGCCCTCCGAGATGCGGGCGCCTCGCCAGCCAGGTGAGCTACGCGGG	[4969]
Rhogeessa	AAGCGGCCCTCCGAGATGCGGGCGCCTGGCCGCCAGGTAAAGTACGCGGG	[4987]
Noctilio	AAGCGGCCCTCAGAGCTGCGGGCGTATTGCCAGCCAGGTGAGGTATGTGGG	[4975]
Natalus	AAGCGGCCCTCCGAACTGCGGGCGCATCGCCAGCCAAAGTGAAGTACGCGGG	[4972]
Rhinolophus	AAGCGGCCCTCCGAGCTGCGGGCGCATTGCCAGCCAGGTGAAGTACGCGGG	[5008]
Rousettus	AAGCGGCCCTCCGAGCTGCGGGCGCATCGCCAGCCAGGTGAAGTACGCGGG	[4981]
NycterisT	AAGCGACCCCTCCGAGCTGCGGGCGCATCGCCAGCCAGGTGAAGTACGCGGG	[4948]
Nyctimene	AAGCGGCCCTCCGAGCTCCGGGCGTGTGCCAGCCAGGTGAAGTACGCGGG	[4996]
Mole	AAGCGGCCCTCCGAGCTGCGGGCGCATCACCAGCCAGGTGAGTACGCGGG	[5008]
Horse	AAGCGGCCCTCCGAGCTGCGGGCGCATTGCCAGCCAGGTGAAGTACGCGGG	[5002]
Desmodus	AAGCGGCCCTCCGAGCTGCGGGCGCATCGCCAGCCAGGTGAAGTATGCAGG	[4948]
Rhinopoma	AAGCGGCCCTCCGAGCTCCGGGCGCGTCCGCCAGCCAGGTGAAGTACGCGGG	[5020]
Emballonura	AAGCGGCCCTCCGAGCTGCGGGCGCATCGCCAGCCAGGTGAAGTACGCGGG	[4960]
Cow	AAACGGCCATCTGAGCTTCGGGCGCATTGCCGGGCGAGGTGAAGTATGCAGG	[4990]
Pangolin	AAGCGGCCCTCCGAGCTGCGGGCGCATCGCCGGCCAGGTGAAGTACGCGGG	[5002]
Whale	AAGCGGCCCTCCGAGCTGCGGGCGCATCGCTGGCCAGGTGAAGTACGCGGG	[4996]

[5060 5070 5080 5090 5100]
[.]

Tonatia	CAGCACGGTGGCCTCCGCCACCGAGGTCTCAAGTACACGCTCTTCCAAA	[4989]
Myotis	CAGCGCAGTGGCCTCCACCAGCGAGGTTCTCAAGTACACGCTCTTCCAAA	[5028]
Tadarida	CAGCGCGGTGGCCTCCACCAGTGAGGTCTCAAGTACACGCTCTTCCAAA	[5016]
Taphozous	TAGC?CAGTGGCCTCCACCAGTGAGGTCTCAAGTACACACTCTTCCAAA	[5022]
Megaderma	CAGCACGGTGGCCTCCACCAGCGAGGTCTCAAGTACACGCTCTTCCAAA	[5031]
Cynoapterus	CAGCCCCGTGGCCTCCACCAGTGAGGTCTCAAGTACACGCTCTTCCAGA	[5043]
Pteropus	CAGCTCGGTGGCCTCCACCAGTGAGGTCTCAAGTACACGCTCTTCCAAA	[5028]
Hipposideros	CAGTGAGGTGGCCTCTACCAGTGAAGTCTCAAGTACACGCTCTTCCAAA	[5067]
Cat	CAGTGAGGTGGCCTCCACCAGCGAGGTCTTGAAGTACACTCTTTCCAGA	[5070]
Human	CAGCCAGGTGGCCTCCACCAGCGAGGTCTTGAAGTACACACTGTTCCAGA	[5064]
Mouse	CAGCCAGGTGGCCTCTACCAGTGAGGTCTTGAAGTACACACTGTTCCAGA	[4962]
Flyinglemur	CAGCCAGGTGGCCTCCCCAGTGAGGTCTTGAAGTACACGCTCTTCCAGA	[5073]

NycterisG	CAGCACTGTGGCCTCCACAACCTGAGGTCTCAAGTACACGCTTTTCCAAA	[4974]
Antrozous	CAGCGCAGTGGCCTCCACCAGCGAGGTCTCAAGTACACGCTTTTCCAAA	[5019]
Rhogeessa	CAGCGCAGTGGCCTCCACCAGCGAGGTCTCAAGTACACGCTTTTCCAAA	[5037]
Noctilio	CAGCACGGTGGCCTCCACCAGTGGGTCTCAAGTACACACTTTTCCAAAG	[5025]
Natalus	CAGCGCAGTGGCCTCCACCAGTGGGTCTCAAGTACACGCTTTTCCAAA	[5022]
Rhinolophus	CAGCGCGTGGCCTCCACCAGCGAGGTCTCAAGTACATGCTTTTCCAAA	[5058]
Rousettus	CAGCTCGGTGGCCTCCACCAGTGGGTCTCAAGTACACGCTTTTCCAAA	[5031]
NycterisT	CAGCACTGTGGCCTCCACCAGTGGGTCTCAAGTACACGCTTTTCCAAA	[4998]
Nyctimene	CAGCTCGGTGGCCTCCACCAGTGGGTCTCAAGTACACGCTTTTCCAAA	[5046]
Mole	CAGCCAGGTGGCCTCCACCAGCGAGGTCTTGAAGTACACGCTGTTCAGA	[5058]
Horse	CAGCGAAGTGGCCTCCACCAGTGGGTCTTAAAGTACACGCTGTACAAA	[5052]
Desmodus	CAGCACGGTGGCCTCCGCCACTGAGGTCTCAAGTACACGCTTTTCCAAA	[4998]
Rhinopoma	CAGCGCGTGGCCTCCGCCAGCGAGGTCTCAAGTACACGCTTTTCCAAA	[5070]
Emballonura	CAGCACAGTGGCCTCCACCAGTGGGTCTCAAGTACACGCTTTTCCAAA	[5010]
Cow	CAGCGAGGTGGCTTCCACCAGCGAGGTCTTGAAGTACACGCTTTTCCAGA	[5040]
Pangolin	CAGCGAGGTGGCCTCCACCAGCGAGGTCTTGAAGTACACGCTGTTCAAA	[5052]
Whale	CAGTGAGGTGGCCTCCACCAGCGAGGTCTTGAAGTACACGCTTTTCCAGA	[5046]

[5110 5120 5130 5140 5150]
[.]

Tonatia	TCTTCGGCAAGATTGACCGCCCCGAGGCCTCCCGCTTGCTCTGCTCCTG	[5039]
Myotis	TCTTCGGCAAGATCGACCGCCCCGAGGCCTCCCGCATCGCCCTGCTCCTG	[5078]
Tadarida	TCTTCGGCAAGGTTGACCGCCCCGAGGCCTCCCGCATCGCCCTGCTCCTG	[5066]
Taphozous	TCTTCGGCAAGATTGACCGCCCCGAGGCCTCTCGCATCGCCCTGCTCCTG	[5072]
Megaderma	TCTTCGGCAAGGTCGACCGCCCCGAGGCCTCCCGCATCGCCCTGCTCCTG	[5081]
Cynopterus	TCTTCGGCAAGGTCGACCGCCCCGAGGCCTCCCGCATTGCTCTGCTCCTC	[5093]
Pteropus	TCTTCAGCAAGATCGACCGCCCCGAGGCCTCCCGCATTGCTCTGCTCCTC	[5078]
Hipposideros	TCTTCGGCAAGGTCGACCGCCCCGAGGCCTCCCGTATCGCCCTGCTCCTG	[5117]
Cat	TCTTCGGTAAGATTGATCGCCCTGAAG?ATCCCCATTGCTCTGCTCCTG	[5120]
Human	TCTTCAGCAAGATCGACCGCCCTGAAGCCTCCCGCATCGCCCTGCTCCTG	[5114]
Mouse	TCTTCGGCAAAATTGACCGCCCTGAAGCCTCCCATATCACTCTGCTCCTG	[5012]
Flyinglemur	TCTTCGGCAAGATCGACCGCCCCGAGGCCTCCCGAATTGCTCTGCTCCTG	[5123]
NycterisG	TCTTCGGCAAGACTGACCGCCCTGAGGCCTCCCGCATTGCTCTGCTCCTG	[5024]
Antrozous	TCTTCAGCAAGATCGACCGCCCCGAGGCCTCCCGCATCGCTCTGCTCCTG	[5069]
Rhogeessa	TCTTCGGCAAGATCGACCGCCCCGAGGCCTCCCGCATCGCCCTGCTCCTG	[5087]
Noctilio	TCTTCGGCAAGGTCGACCGCCCTGAGGCCTCCCGCATTGCTCTGCTCCTG	[5075]
Natalus	TCTTCAACAAGGTCGACCGCCCCGAGGCCTCCCGCATTGCTCTACTCCTG	[5072]
Rhinolophus	TCTTCAGCAAGGTCGACCGCCCCGAGGCCTCCCGCATCGCCCTGCTCCTG	[5108]
Rousettus	TCTTCAGCAAGGTCGACCGCCCCGAGGCCTCCCGCATTGCTCTACTCCTC	[5081]
NycterisT	TCTTCGGCAAGACTGACCGCCCTGAGGCCTCCCGCATTGCTCTGCTCCTG	[5048]
Nyctimene	TCTTCGGCAAGGTCGACCGCCCCGAGGCCTCCCGCTTGTCTCTGCTCCTC	[5096]
Mole	TCTTCAGCAAGGTCGACCGCCCCGAGGCCTCCCGCTCGCCCTGCTGCTG	[5108]
Horse	TCTTCGGCAAGATTGACCGCCGAGAAGCCTCTCGCATCGCCCTGCTCCTG	[5102]
Desmodus	TCTTCGGCAAGGTCGACCGCCCCGAGGCCTCCCGCATTGCTCTGCTCCTG	[5048]
Rhinopoma	TCTTCGGCAAGGTCGACCGCCCCGAGGCCTCCCGCATCGCCCTGCTCCTG	[5120]
Emballonura	TCTTCAGCAAGATTGACCGCCCCGAGGCCTCCCGCATCGCCCTGCTCCTG	[5060]
Cow	TCTTCGGCAGGATTGACCGCCCTGAGGCCTCTCGCTGGCCCTGCTGCTT	[5090]
Pangolin	TCTTCGGCAAGGTCGACCGCCCCGAGGCCTCCCGCATTGCTCTGCTCCTG	[5102]
Whale	TTTTCAGCAAGATTGACCGCCCTGAGGCCTCCCGCTGGCCCTGCTGCTG	[5096]

[5160 5170 5180 5190 5200]
[.]

Tonatia	ACGGCCAGCCAGGAACCCCCGAGGATGGCCCCGAACTTGGCCCGTTACGT	[5089]
Myotis	ACGGCCAGCCAGGAGCCCCAGAAGTTGGGCCGGAACCTGGTCCGCTACGT	[5128]
Tadarida	TCGGCCAGCCAGGAGCCCCGAAGTTGGCCAAGAACTTGGTCCGCTACGT	[5116]
Taphozous	ACGGCCAGCCAGGAGCCCCAGCGGTTGGCCCCGAAACTTGGTCCGCTACGT	[5122]
Megaderma	ACGGCCAGCCAGGAGCCTCCGAAGCTGTCCCGGAACCTGGTCCGCTATGT	[5131]
Cynopterus	ACAGCCAGCCAGGAGCCCCGAAGCTGGCCCCGGAACCTGGTCCGCTATGT	[5143]
Pteropus	ACGGCCAGCCAGGAGCCCCGAAGCTGGCCCCGGAACCTGGTCCGCTATGT	[5128]
Hipposideros	ATGGCCAGCCAGGAGCCCCAAGTTGGCCAGGAACCTGGTCCGCTATGT	[5167]
Cat	ATGGCCACCCAGGAGCCCCAGAGGCTGGACCGGAATTTGGTCCGCTACGT	[5170]
Human	ATGGCCAGCCAGGAGCCCCAAGGATGTCGGGAACCTTTGTCCGCTACGT	[5164]
Mouse	ACTGCTAGCCAGGAGCCCCACGGATGGCTAGGAATTTGGTCCGCTATGT	[5062]
Flyinglemur	ACGGCCAGCCAGGAGCCACCCCGGTTGGCCCCGGAACCTGGTCCGCTCCGT	[5173]
NycterisG	ACAGCCAGTGAGGAGTCTCCGAAGTTCTCGTCCGGAGTTTGGTCCGCTATGT	[5074]
Antrozous	ACGGCCAGCCAGGAGCCCCAGAAGTTGGGCCGGAACCTGGTCCGCTACGT	[5119]
Rhogeessa	ACGGCCAGCCAGGAGCCCCAGAAGTTGGGCCGGAACCTGGTCCGCTACGT	[5137]
Noctilio	ACAGCCAGCCAGGAGCCCCAAGTTGACCCGGAACCTGGTCCGCTATGT	[5125]
Natalus	ACGGCCAGCCAGGAGCCCCAAGTTGGGCCGGAACCTGGTCCGCTACGT	[5122]
Rhinolophus	ATGGCCAGCCAGGAGCCTCCAAAGTTGGCCCCGGAACCTGGTCCGCTACGT	[5158]
Rousettus	ATGGCCAGCCAGGAGCCCCGAAGCTGGCCCCGGAACCTGGTCCGCTATGT	[5131]

NycterisT	ACAGCCAGTGAGGAGTCCCCGAAGCTCGTCCGGAGTTGGTCCGCTACGT	[5098]
Nyctimene	ACGGCCAGCCAGGAGCCCCCGAAGCTGGCCCGGAACCTGGTCCGCTATGT	[5146]
Mole	ACGGCCAGCCAGGAGCCCCCGCATGGCCCGGAACCTGGTCCGCTACGT	[5158]
Horse	ATGGCCAGTCAGGAGCCCCGAGGTTGGCCCGGAACCTGGTCAACTACGT	[5152]
Desmodus	ACGGCCAGCCAGGAGCCCCAGAGGATGGCCCGGAACCTGGCCCGTTACGT	[5098]
Rhinopoma	ACGGCCAGCCAGGAGCCCCGAAGTTGGCCCGGAACCTGGTCCGCTACGT	[5170]
Emballonura	ACGGCCAGCCAGGAGCCCCGAAGTTGTCCCGGAACCTGGTCCGCTACGT	[5110]
Cow	ACGGCCAGCCAGGAACCCCCAGGCTGGCCCGGAACCTGGTCCGCTACGT	[5140]
Pangolin	ACGGCCAGCCAGGAGCCCCGAGGTTGGCCCGGAACCTGGTCCGCTACGT	[5152]
Whale	ACGGCCAGCCAGGAGCCCCAGGCTGGCCCGGAACCTGGTCCGCTACGT	[5146]

[5210 5220 5230 5240 5250]
[.]

Tonatia	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5136]
Myotis	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5175]
Tadarida	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5163]
Taphozous	CCAGGGCCTGAAGAAGAAGAAG--GTCATTATGATCCCAGTGGGCATTG	[5169]
Megaderma	CCAGGGCCTG?AGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5178]
Cynopterus	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5190]
Pteropus	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5175]
Hipposideros	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5214]
Cat	TCAGGGGCTGAAGAAGAAGATA--GTCATCATGATCCCAGTGGGCATTG	[5217]
Human	CCAGGGCCTGAAGAAGAAGAAG--GTCATTGTGATCCCAGTGGGCATTG	[5211]
Mouse	CCAAGGTCTGAAGAAGAAGAAG--GTTATCGTGGTCCCAGTGGGCATTG	[5109]
Flyinglemur	CCAGGGCCTGAAGAAGAAGAAG--GTCATTGTGATCCCAGTGGGCATTG	[5220]
NycterisG	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5121]
Antrozous	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5166]
Rhogeessa	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5184]
Noctilio	CCAGGGCCTCAAGAAGAAGAAG--GTCATTGTGGTCCCAGTGGGCATTG	[5172]
Natalus	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5169]
Rhinolophus	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5205]
Rousettus	CCAGGGCCTAAGAAGAAGAAG--GTCACCGTGGTCCCAGTGGGCATTG	[5178]
NycterisT	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5145]
Nyctimene	CCAGGGCCTGAAGAAGAAGAAG--GTCACCGTGGTCCCAGTGGGCATTG	[5193]
Mole	CCAGGGCCTGAAGAAGAAAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5205]
Horse	CCAGGGCCTGAAGAAGAAGAAG--GTCACCGTGGTCCCAGTGGGCATTG	[5202]
Desmodus	CCAGGGCCTGAAGAAGAAGAAG--GTCACCGTGGTCCCAGTGGGCATTG	[5145]
Rhinopoma	CCAGGGCCTCAAGAAGAAGAAG--GTCACCGTGGTCCCAGTGGGCATTG	[5217]
Emballonura	CCAGGGTCTGAAGAAGAAGAAG--GTCATTGTGATCCCAGTGGGCATTG	[5157]
Cow	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5187]
Pangolin	GCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5199]
Whale	CCAGGGCCTGAAGAAGAAGAAG--GTCATCGTGGTCCCAGTGGGCATTG	[5193]

[5260 5270 5280 5290 5300]
[.]

Tonatia	GGCCCCAGCTGAACCTCAAGCAGATCCSCCTCATCGAGAAGCAGGTCCT	[5186]
Myotis	GGCCTCAGCCAACTCAAGCAGATCCGCTCATCGAGAAGCAGGGCCCC	[5225]
Tadarida	GGCCCCAGCTCAACCTCAGGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5213]
Taphozous	GGCCCCATGCCAACCTCAGGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5219]
Megaderma	GGCCCCAGCCAGCCTCAAGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5228]
Cynopterus	GGCCCCATGCCAACCTCAAGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5240]
Pteropus	GGCCCCAGCCAACTCAAGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5225]
Hipposideros	GGCCCCAGCTCAACCTCAGGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5264]
Cat	GGCTCCATGCCAACCTCAAGCAGATCCAC????????????????	[5267]
Human	GGCCCCATGCCAACCTCAAGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5261]
Mouse	GGCCCCAGCCGACCTCAAGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5159]
Flyinglemur	GGCCCCATGCCAGCCTTAAGCAGATCCGCTCATCGAGAATCAGGCCCT	[5270]
NycterisG	GGCCCCACCAACCTCAGGCAGATCCACCTATTGAGAAGCAGGCCCT	[5171]
Antrozous	GGCCGCACGCCAACCTCAAGCAGATCCGCTCATCGAGAAACAGGCCCT	[5216]
Rhogeessa	GGCCGCACGCCAACCTCAAGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5234]
Noctilio	GGCCCCATGCCAATCTGAAGCAGATCCACTTAATTGAGAAGCAGGCCCT	[5222]
Natalus	GGCCTCATGCCAACCTCAGGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5219]
Rhinolophus	GGCCCCACATTAACCTCAAGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5255]
Rousettus	GGCCCCAGCCAACTCAAGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5228]
NycterisT	GGCCCCACCAACCTCAGGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5195]
Nyctimene	GGCCCCATGCCAACCTCAAGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5243]
Mole	GGCCCCAGCCAACTCAAGCAGATCC?CTCATCGAGAAGCAGGCCCT	[5255]
Horse	GGCCCCATGCCAATGTATACAGATCCGCTCATCGAGAAGCAGGCCCT	[5252]
Desmodus	GGCCACAGTGAACCTCAGGCAGATCCACCTCATCGAGAAGCAGGCCCT	[5195]
Rhinopoma	GGCCCCAGCCAGCCTCAGGCAGATCCGCTCATCGAGAAGCAGGCCCT	[5267]
Emballonura	GGCCCCAGCCAACTCAGGCAGATCCACCTATTGAGAAGCAGGCCCT	[5207]

Cow	GGCCCCAGCCAGCCTCAAGCAGATCCGCCTCATTGAGAAGCAGGCACCT	[5237]
Pangolin	GGCCCCAGCCAACCTCAAGCAGATCCGCCTCATTGAGAAGCAGGCCCT	[5249]
Whale	GGCCCCAGCCAGCCTCAGGCAGATCCGCCTCATCGAGAAGCAGGCCCC	[5243]

[	5310	5320	5330	5340	5350]
[.]

Tonatia	GAGAACAAGGCCTTTGTGATCAGCAGTGTGGACGAGCTGGAGCAGCGAAG	[5236]
Myotis	GAGAACAAGGCCTTTGTGCTCAGCAGCGTGGACGAGCTGGAGCAGCAAAG	[5275]
Tadarida	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGACGAGCTGGAGCAGCTGAG	[5263]
Taphozous	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGACGAGCTGGAGCAGCGGAG	[5269]
Megaderma	?????????TTCATGGTCAGCGGCGTGGACGAGTTGGAGCAGCGCAG	[5278]
Cynoapterus	GAGAACAAGGCCTTTGTGCTCAGTGGTGTGGACGAGCTGGAGCAACGGAG	[5290]
Pteropus	GAGAACAAGGCCTTTGTGCTCAGTGGTGTGGACGAGCTGGAGCAGCGGAG	[5275]
Hipposideros	GAGAACAAGGCCTTTGTGCTCAGTGGCGTGGATGAGCTGGAGCAGCGAAG	[5314]
Cat	????????????????????AGTGGTGTGGACGATCTGGACCACCAAAG	[5317]
Human	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGATGAGCTGGAGCAGCAAAG	[5311]
Mouse	GAGAACAAGGCCTTTGTGCTCAGTGGGTGGATGAGCTGGAGCAGAGAAG	[5209]
Flyinglemur	GAGAACAAGGCCTTTGTGCTCAGCAGCGTGGATGAACTGGAGCAGCGAAG	[5320]
NycterisG	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGATGAGCTGAAGCAGCGCAG	[5221]
Antrozous	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGACGAGCTGGAGCAGCGAAG	[5266]
Rhogeessa	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGACGAGCTGGAGCAGCGAAG	[5284]
Noctilio	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGATGAGCTGGAGCAGCGAAG	[5272]
Natalus	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGATGAGCTGGAACAGCAAAG	[5269]
Rhinolophus	GAGAATAAGGCCTTTGTGCTCAGCGGCGTGGATGAGCTGGAGCAACGAAG	[5305]
Rousettus	GGAGAACAAGGCCTTTGTGCTCAGTGGTGTGGACGAGCTGGAGCAGCGGAG	[5278]
NycterisT	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGATGAGCT????????????	[5245]
Nyctimene	GAGAACAAGGCCTTTGTGCTCAGTGGTGTGGACGAGCTGGAGCAGCGGAG	[5293]
Mole	GAGAACAAGGCCTTTGTGTTTACAGCAGCGTGGCGGAGCTGCAGCGGCACAG	[5305]
Horse	GAGAACAAGGCCTTTCTCCTCAGTGGTGTGGACGAGCTGGAGCAGCGAAG	[5302]
Desmodus	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGACGAGCT??GCAGCGAAG	[5245]
Rhinopoma	GAGAACAAGGCCTTTGTGCTCAGCGGCGTGGATGAGCTGGAGCAGCGCAG	[5317]
Emballonura	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGATGAGCTGGAGCAGCGGAG	[5257]
Cow	GAGAACAAGGCCTTTGTGCTAAGTGGCGTGCACGAGCTGGAGCAGCGGAT	[5287]
Pangolin	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGACGAGCTGGAGCAGTGGAG	[5299]
Whale	GAGAACAAGGCCTTTGTGCTCAGCAGTGTGGAGGAGCTGGAGCAGCAGAG	[5293]

[	5360	5370	5380	5390	5400]
[.]

Tonatia	GGACGAGATTATCAGCTACCTCTGTGACCTTGTCCCGAAGTGCAGCGCAC	[5286]
Myotis	GGACGAGATTATCAACTACCTCTGTGACCTCGCGCCCGAGGCTCCGGCCC	[5325]
Tadarida	GGACGAGATCACCAGCTACCTCTGTGACCTTGTCCCGAAGCGCCTGCCC	[5313]
Taphozous	GGACGAGATTATCAGCTACCTCTGTGACCTTGTCCCGAAGTGCCTGCCC	[5319]
Megaderma	GGACGAGATCATCAACTACCTTGTGACCTTGTCCCGAAGCGCCTGCCC	[5328]
Cynoapterus	GGACGAGATCATCAACTACCTCTGTGACCTTGTCCCGAAGCGCCTGCCC	[5340]
Pteropus	GGACGAGATTATCAGCTACCTCTGTGACCTTGTCCCGAAGTGCCTGCCC	[5325]
Hipposideros	GGATGAGATTATCAGCTACCTCTGTGACCTTGTCCCGAAGCGCCTGCCC	[5364]
Cat	GGATAAAATTATCAACTACCTCTGTGACCTTGTCCCGAAGCGCCTGCCC	[5367]
Human	GGACGAGATCGTTAGCTACCTCTGTGACCTTGTCCCGAAGCGCCTCCTC	[5361]
Mouse	AGATGAGATAGTCAGCTACCTCTGTGACCTTGTCCCGAAGCGCCTGCCC	[5259]
Flyinglemur	GGACGAGATTATCAGCTACCTCTGTGACCTTGTCCCGAAGCGCCTGCCC	[5370]
NycterisG	GGACGAGATTATCAGCTACTTCTGTGACCTTGTCCCGAAGCGCCTGCCC	[5271]
Antrozous	GGACGAGATTATCAACTACCTCTGTGATCTGCGCCCGAGGCGCCGGCC	[5316]
Rhogeessa	GGACGAGATTATCAGCTACCTCTGTGACCTGCGCCCGAGCCACCGGCC	[5334]
Noctilio	GGATGAGATTATCAGCTACCTCTGTGATCTTGTCTCCTGAAGTGCCTGCCC	[5322]
Natalus	GGACGAGATTATCAGCTACCTATGCGACCTTGTCCCGAAGCACCGGCC	[5319]
Rhinolophus	GGATGAGATTATCAGCTACCTCTGTGACCTTGTCCCGAAGCTCCTGCCC	[5355]
Rousettus	GGACGAGATTATCAGCTACCTCTGTGACCTGCGCCCTAAAGCGCCTGCCC	[5328]
NycterisT	??	[5295]
Nyctimene	GGACGAGATTATCGGCTACCTCTGTGACCTTGTCCCGAAGCGCCTGCCC	[5343]
Mole	GGACGACATCATCAGCCACCTCTGCGACCTGCGCCCGACGCGCCGGCCC	[5355]
Horse	GGACGACATTATCAGTTACCTCTGTGACCTTGTCCCGAAGCACCTGCCC	[5352]
Desmodus	GGACGAGATTATCAGCTACCTCTGTGACCTTGTCCCGAAGCGCGCAC	[5295]
Rhinopoma	GGACGAGATCATCAGCTACCTCTGTGACCTGGTCCCGAAGCGCCCGCCC	[5367]
Emballonura	GGACGAGATGATCAGCTACCTCTGTGACCTGCGCCCGAAGCACCTGCCC	[5307]
Cow	GGACGATATTGTGCGCTACCTCTGCGACCTGCGCCCTCGAGGTGCCTGCCC	[5337]
Pangolin	GGACGAGATAATCAACTACCTCTGTGACCTTGTCCCGAAGCTCCCGCCC	[5349]
Whale	GGACGAGATCATCAGCTACCTCTGCGACCTGCGCCCGAAGCGCCGGCCC	[5343]

[	5410	5420	5430	5440	5450]
[.]

Tonatia	CTACGCAGTCCC-----CGCCTAT---GGCACAAGTCACTGTGGGTCCA	[5327]
Myotis	CGACTCAGCCCC-----CTCCTAT---GGCCCAAGTCACCGTGGGTCCG	[5366]
Tadarida	CTACCCAGGCC-----CTCCTGT---GGCACGAGTCACAGTGGGTCCA	[5354]
Taphozous	CTACGCAGCCCC-----CTCCTAT---GGCACAAGTCACTGTGGC----	[5356]
Megaderma	CCACTCGGCC-----CGCCTGT---GGCCCAAGTCACTGTGGGTCCG	[5369]
Cynoptyrus	CTACTCAGCCCC-----CACCTAT---GGCCCAAGTCACCGTGGGGCCG	[5381]
Pteropus	CTACTCAGCCCC-----CACCTGT---GGCCCAAGTCACCATGGGTCCA	[5366]
Hipposideros	CCACGCAGCCTC-----CCCCTAT---GGCACAAGTCACTGTGGGTCCG	[5405]
Cat	CTACCCAGCATC-----CCCCTAT---GGTACCAGTCACTGTGGGTCCA	[5408]
Human	CTACTCTGCC-----CCCACAT---GGCACAAGTCACTGTGGGCCCG	[5402]
Mouse	CAACTCAGCCTC-----CACAGGT---AGCCACGTCACCGTGAGTCCA	[5300]
Flyinglemur	CCAGGCAGTCCC-----CCAACAT---GGCACAGGTCACTGTGGGTCCA	[5411]
NycterisG	CTACCCAGCCCC-----CTCCTAT---GGCACAAGTCACTGTGGGTCCA	[5312]
Antrozous	CGACTCAGGCC-----CTCCTAT---GGCCCAAGTCACCGTGGGGCCA	[5357]
Rhogeessa	CAACTCAGCCCC-----CTCCTAT---GGCCCAAGTCACCGTGGGTCC	[5375]
Noctilio	CTACACAGCCCC-----CTCCCAT---GGCACAGGTCACTGTGGGTCCG	[5363]
Natalus	CTACTCAGCCTC-----CTCCTAT---GGCAAAAGTTACCGTGAGTCCA	[5360]
Rhinolophus	CCACTCAGTTAC-----CCCCTGT---GGCAGAAGTCACTGTGGGTCTG	[5396]
Rousettus	CTACTCAGCCCC-----CACCTGT---GGCCCAAGTCACCGTGGGTCCG	[5369]
NycterisT	?????AGCCCC-----CGCCTAT---GGCACAAGTCACCGTGGGCCCG	[5336]
Nyctimene	CTACTCAGCCCC-----CACCTGT---GGCCCAAGTCACCGTGGGTCCG	[5384]
Mole	CCACCCGGCCCC-----CGCCCAT---AGTCAAGTCACCGTGGGGCCA	[5396]
Horse	CTACTCAGCGCC-----CCCGTAT---GCCACAAGTCACCATGAGTCCA	[5393]
Desmodus	CTACTCAACCCC-----CTCCTGT---GGCACGAGTCACTGTGGGTCCA	[5336]
Rhinopoma	CGACGCCCCCGC-----CTAT---GGCACAAGTCACTGTGGGTCCG	[5405]
Emballonura	CTACACAGCCCC-----CGCCTGT---GGCACAAGTCACTGTGGG----	[5344]
Cow	CGACCCTGACGCAACATCCCCTCGC---CGCACAGGTCACTGTGGGCCCG	[5384]
Pangolin	CTACTCAGCCTC-----CCCCTGT---GGCACAAGTCACCGTGGGCCCG	[5390]
Whale	TCACGCAGC-----GCCCCTCACGGCCAGGTCAACCGTGGGCCCG	[5384]

[5460 5470 5480 5490 5500]
[.]

Tonatia	GAGCACCTGGGGCGTTCATCCCTGGGGCCCAAGCGGAACTCCATGGTTCT	[5377]
Myotis	GAGCACTTGGGGGTTTCGACGCTGGGGCCCAAGAGGAACTCCATGGTTCT	[5416]
Tadarida	GAGCACACGGGGGTTTCACGCTGGGACCCAAGAGGAACTCCATGGTTCT	[5404]
Taphozous	--GCACCTGGGGGTTTCGTCCTGGGACCCAAGAGGAACTCCATGGTTCT	[5404]
Megaderma	GAGCACTTAGGGGTTTCGACCTTGGGACCCAGGAGGAACTCCATGGTTCT	[5419]
Cynoptyrus	GAGCTCTTGGGGATTTTGTCCACGGACCCAAGAGAACTCCATGGTTCT	[5431]
Pteropus	GAGCTCTTGGGGGTTTGTCCGAGGGACCCAAGAGAACTCCATGGTTCT	[5416]
Hipposideros	GAGCACTTGGGGGTTTCGACCTTGGGACCCAAGAGGAACTCCATGGTTCT	[5455]
Cat	GGGCTCATGGGGGTTTCATCCTCGGGACCC?AAAGGAAACCCACAGTTCT	[5458]
Human	GGGCTCTTGGGGGTTTCGACCTTGGGGCCCAAGAGGAACTCCATGGTTCT	[5452]
Mouse	GGGATCGCTGGGACTCTGTACCCGGGACCAAAACGGAAGTCCATGGTTCT	[5350]
Flyinglemur	GGGCCCTTGGGGGTTTCACCGTTAGGACCCAGTAGGAGCTCCATGGTTCT	[5461]
NycterisG	GAGCACTTGGGGGCTTCGACTCTGGGACCCAGAGGAACTCCATGGTTCT	[5362]
Antrozous	GAGCACTTGGGGGTTTCACGCTGGGACCTAAGAGGAACTCCATGGTTCT	[5407]
Rhogeessa	GAGCACTTGGGGGTTTCACGCGAGGGACCCAAGAGGAACTCCATGGTTCT	[5425]
Noctilio	GAGCACTTGGGGGTTTCGACCTTGGGACCCAAGAGGAACTCCATGGTTCT	[5413]
Natalus	GAGCACTTGGGGGTTTCGACGCTGGGACCCAAGAGGAACTCCATGGTTT	[5410]
Rhinolophus	GAGCACTTGGGGGTTTCGACCTTGGGACCCAAGAGGAACTCCATGGTTCT	[5446]
Rousettus	GAGCTCTTGGGGGTTTGTCCAGGGACCCAAGAGAACTCCATGGTTCT	[5419]
NycterisT	GATCAGTGGGGCTTTCGACCTTGGGACCCCGAGGAACTCCATGGTTCT	[5386]
Nyctimene	GAGCTCTTGGGGGTTCTGTCCAGGGACCCAAGAGAACTCCATGGTTCT	[5434]
Mole	GAGCTCCTGGGGGTTTCGGCCCCGGGCCCAAGCGGAACTCCTTGGTTCT	[5446]
Horse	GAGCACTCAGTAACCTCGTCACTGGCACCCAAGAGGAACTCCATGGTTCT	[5443]
Desmodus	GAGCACCTGGAGGTTTCGTACCTGGGGCCCAAGAGGAACTCCATGGTTCT	[5386]
Rhinopoma	GAGCACTCGGGGGTTTCGTCCTCCCGGGACCCAAGCGAACTCCATGGTTCT	[5455]
Emballonura	--GCACCTGGGGGTTTCGTCCTTGGGACCCAAGAGGAACTCCATGGTTCT	[5392]
Cow	CAGCTCCTGGGTCTTCGCTGCGGGACCCAAGAGGAGCTCTGTGTCTCT	[5434]
Pangolin	GAAGTCGTGGGGTCTCATACCCGGGACCCAGAGGAGATCCATGGTTCT	[5440]
Whale	GAGTCCCGGGACGTCGACGCTGGCACCCAAGAGGAACTCCGTGGTTCT	[5434]

[5510 5520 5530 5540 5550]
[.]

Tonatia	GGATGTGGTGTTTTGTCTGGAAGGGTCGGACCAAAATCGGCGAGGCCAACT	[5427]
Myotis	GGATGTGGTGTTTTGTCTGGAAGGGTCGGACCAAAATCGGGGAGGCCAACT	[5466]
Tadarida	GGATGTGGTGTTTTGTCTGGAAGGGTCAGACCAAGTCGGCGAGGCCAACT	[5454]
Taphozous	GGATGTGGTGTTTATTCTGGAAGGGTCGGACCAAAATGGCGAGGCCAACT	[5454]
Megaderma	GGACGTGGTGTTTTGTCTGGAAGGGTCGGATCAAATGGCGAGGCCAACT	[5469]
Cynoptyrus	GGACGTGGTGTTTTGTCTGGAAGGGTCGGACCAAAATCGGCGAGGCCAACT	[5481]
Pteropus	GGACGTGGTGTTTTGTCTGGAAGGGTCGGACCAAAATCGGCGAGGCCAACT	[5466]

Hipposideros	GGACGTGGTGTGTTGTTCTGGAAGGGTCGGACGCCATTGGCGAGGCCAACT	[5505]
Cat	GGACGTGGTGTGTTGTCCTGGAAGGGTCCGACAAAATTGGTGAGGCCAACT	[5508]
Human	GGATGTGGCGTTTCCTGGAAGGATCGGACAAAATTGGTGAAGCCGACT	[5502]
Mouse	GGATGTGGTGTGTTGTCCTGGAGGGTCAGACGAAGTTGGTGAAGCCAACT	[5400]
Flyinglemur	GGACGTAGTGTGTTGTCCTGGAAGGGTCGGACAAAATCGGTGAGGCCGACT	[5511]
NycterisG	GGATGTGGTGTGTTCTTCTGGAAGGATCAGACCAAATGGCGAGGCCAACT	[5412]
Antrozous	GGATGTGGTGTGTTGTTCTGGAAGGATCGGACAAAATCGGCGAGGCCAACT	[5457]
Rhogeessa	TGATGTGGTGTGTTGTTCTGGAAGGGTCGGACCAAATCGGTGAGGCCAACT	[5475]
Noctilio	GGATGTGGTGTGTTGTTCTGGAAGGGTCAGATGAAATGGTGAGGCCAATT	[5463]
Natalus	GGATGTGGTGTGTTGTTCTGGAAGGGTCAGACCAAATCGGCGAGGCCAACT	[5460]
Rhinolophus	GGATGTGGTGTGTTGTTCTGGAAGGGTCGGACGCCATTGGTGAGGCCAACT	[5496]
Rousettus	GGACGTGGTGTGTTATTCTGGAGGGTCAGACAAAATCGGCGAGGCCAATT	[5469]
NycterisT	GGATGTGGTGTGTTCTTCTGGAAGGATCAGACCAAGTTGGYGAGGCCAACT	[5436]
Nyctimene	GGACGTGGTGTGTTCTTCTGGAAGGGTCAGACAAAATCGGTGAGGCCAACT	[5484]
Mole	GGATGTGGTGTGTTGTTCTGGAAGGCTCGGACAGCATCGGCGAGGCCAACT	[5496]
Horse	GGATGTGGTGTGTTGTCCTGGAAGGGTCGGACAAAATGGTGAGGCCAACT	[5493]
Desmodus	GGATGTGGTGTGTTGTTCTGGAAGGGTCGGACAGATTGGTGAGGCCAACT	[5436]
Rhinopoma	GGACGTGGTGTGTTGTTCTGGAAGGGTCGGACCAAGTTGGCGAGGCCAACT	[5505]
Emballonura	GGATGTGGTGTGTTGTTCTGGAAGGGTCGGACCAAATAGGCGAGGCCAACT	[5442]
Cow	GGATGTGGCATTCTCCTGGAAGGCTCGGACGAGGTGGGCGAGGCCAACT	[5484]
Pangolin	GGATGTGGTGTGTTGTCCTGGAAGGGTCGGACAAAATCGGCGAGGCCAACT	[5490]
Whale	GGATGTGGCATTCTCCTGGAAGGGTCGGACAACTGGGCGAGGCCAACT	[5484]

[	5560	5570	5580	5590	5600]
[.]

Tonatia	TCAACAGGAGCAGGGAGTTCATGGAGGAGGTGATCCAGCGGATGGACGTG	[5477]
Myotis	TCAACAGGAGCAAGGAGTTCCTGGAGCGGTGATCCGGCAGATGGAGGTG	[5516]
Tadarida	TCAACAAGAGTAAGGAGTTCATGGAGCAGGTGATCCAACGGATGGACGTG	[5504]
Taphozous	TCAACAAGAGCAAGGAGTTCATAGAGGAGGTGATCCAGCGGATGGACGTG	[5504]
Megaderma	TCAACAGGAGCAAGGAGTTCATGGAGGAGGTGATCCGGCGGATGGACGTG	[5519]
Cynopterus	TCAACAGGAGCAAGGAATTCATGGAGGAGGTGATCCAGCGGATGGACGTG	[5531]
Pteropus	TCAACAGGAGCAAGGAGTTCATGGAGGAGGTGATCCAGCGGATGGATGTG	[5516]
Hipposideros	TCAACAGGAGCAAGGAATTCATGAGGAGGTGATCCAGCGGATGGAGGTG	[5555]
Cat	TCAACAAGAGCAGGGAGTTCATGGAGGAGGTGATCCGGCGCATGGATGTG	[5558]
Human	TCAACAGGAGCAAGGAGTTCATGGAGGAGGTGATCCAGCGGATGGATGTG	[5552]
Mouse	TCAATAAGAGCAAGGAGTTCGTGGAGGAGGTAATCCAGCGCATGGACGTG	[5450]
Flyinglemur	TCAACAGGAGCAGGGAGTTCACGGAGGAGGTGATCCCGCGCATGGACGTG	[5561]
NycterisG	TCAACAGGAGCAGGGAGTTCATGGAGGAGGTGATCCGGCGGATGGATGTG	[5462]
Antrozous	TCAACAGGAGCAAGGAGTTCATGGAGGAAGTATCCGACAGATGGACGTG	[5507]
Rhogeessa	TCAACAGGAGCAAGGAGTTCATGGAGGAAGTATCCGGAGGATGGACGTG	[5525]
Noctilio	TCAATAAGAGCAGGGAGTTCATGGAGGAGGTGATCCGGCGGATGGATGTG	[5513]
Natalus	TCAACAGGAGCAGGGAGTTCATGGAGGAGGTGATCCGGCGGATGGACGTG	[5510]
Rhinolophus	TCAACAGGAGCAAGGAGTTCGTGGAGGAGGTGATCCGGCGGATGGCTGTG	[5546]
Rousettus	TCAACAGGAGCAAGGAGTTCATGGAGGAGGTGATCCAGCGGATGGACGTG	[5519]
NycterisT	TCAACAGGAGCAGGGAATTCATGGAGGAGGTGATCCGGCGGATGGACGTG	[5486]
Nyctimene	TCAACAGGAGCAAGGAGTTCATGGAGGAGGTGATCCAGCGGATGGACGTG	[5534]
Mole	TCAACAGGAGCAGGGAGTTCCTGGAGCAGGTGATCCAGCACATGGACGTG	[5546]
Horse	TCAACAGGAGCAGGGAATTCATGGAGGAGGTGATCCAGCGGATGGATGTG	[5543]
Desmodus	TCAACAGGAGCAGGGAGTTCATGGAGGAGGTGATCCAGCGGATGGACGTG	[5486]
Rhinopoma	TCAACAGGAGCAAGGAGTTCATGGAGGAGGTGATCCAGCGGATGGACGTG	[5555]
Emballonura	TCAACAAGAGCAGGGAGTTCATGGTGGAGGTGATCCAGCGCATGGATGTG	[5492]
Cow	TCAACAGGAGCGCAGAGTTCATGGAGGAGGTGATCCAGCGCATGGACGTG	[5534]
Pangolin	TCAACAGGAGCAGGGAGTTCATGGAGGAGGTGATCCGGCAGATGGACGTG	[5540]
Whale	TCAACAGGAGCACGGAGTTCCTGGAGGAGGTGATCCGGCAGATGGACGTG	[5534]

[	5610	5620	5630	5640	5650]
[.]

Tonatia	GGCCAGACGCCATCCACGTACCGGTGCTGCAGTACCGGTACACGGTGAC	[5527]
Myotis	GGCCAGGAGAGCATCCACGTCTCGGTGCTGCAATACTCGTACACGGTGAC	[5566]
Tadarida	GGCCAGGACAGCATCCACATCACCCTGCTGCAGTACTCATACT??????	[5554]
Taphozous	GGCCCGGACAGCATCCACGTACAGTGTGCTGCAGTACGCTTACACCGTGAC	[5554]
Megaderma	GGCCAGGACAGCATTCATGTACAGTGTGCTGCAGTACGCTTACGTTGAC	[5569]
Cynopterus	AGCCAGGACAGCATCCACGTACAGTGTGCTGCAGTACTCCTACGTGGTGAC	[5581]
Pteropus	AGCCAGGACAGCATCCACGTACAGTGTGCTGCAGTACTCCTACGTGGTGAC	[5566]
Hipposideros	GGCCAGGATAGCATCCATGTACAGTGTGCTGCAGTATGCGTACGTGGTGAC	[5605]
Cat	GGCCAGGACGGCATCCACATCACAGTGTGCTGCAGTACTCGTACATGGTGAC	[5608]
Human	GGCCAGGACAGCATCCACGTACCGGTGCTGCAGTACTCCTACATGGTGAC	[5602]
Mouse	AGCCCGGATGCAACGGCATCTCAGTACTGCAGTATTCCTACACGGTAACT	[5500]
Flyinglemur	GGCCAGGACAGCATCCACGTGCGGTGCTGCAGTACTCGTACGTGGTGAC	[5611]
NycterisG	GGCCAGGACAGCATCCACGTACAGTGTGCTGCAGTATGCATACATGGTGAC	[5512]
Antrozous	GGCCAGGAGAGCATCCACATCACCCTGCTGCAATACTCGTACACGGTGAC	[5557]

Rhogeessa	GGCCAGGAGAGCATCCACATCACAATCTGCAATACTCGTACACGGTGAC	[5575]
Noctilio	GGCCAGGACAGCATCCACATCAGGGTCTGCACTACTCATAATGGTGAC	[5563]
Natalus	GGCCAGAACAGCATCCACATCAGTGTGCACTACTCGTACACGGTGAC	[5560]
Rhinolophus	GGCCAGGACAGCATCCACGTACGGTGTGCACTATGCCTACGTGGTGAC	[5596]
Rousettus	AGCCAGGACAGCATCCACGTACGGTGTGCACTACTCCTACGTGGTGAC	[5569]
NycterisT	GGCCAGGACAGCATCCACGTACAGTGTGCACTATGCGTACATGGTGAC	[5536]
Nyctimene	AGCCAGGACAGCATCCACGTCTCGGTGTGCACTACTCCTACGTGGTGAC	[5584]
Mole	GGCCGGGACAGCATCCACGTGCGGTGTGCACTACTCCTACACGGTGAC	[5596]
Horse	GGCCAGGACGCCATCCACATCAGTGTGCACTACGCATACAGGGTGAC	[5593]
Desmodus	GGCCAGGACGCCATCCACATCAGTGTGCACTACTCATAACGGTGAC	[5536]
Rhinopoma	GGCCAGGACGGCTCCACATTGCACTGTGCACTACGCATACGTGGTGAC	[5605]
Emballonura	GGCGTGGACAGCATCCACATCGCACTGTGCACTACGCGAACACGGTGAC	[5542]
Cow	GGCCAGGACGGCATCCACGTACAGTGTGCACTACTCATATGTGGTGAC	[5584]
Pangolin	GGCCAGGAGGGCATCCACGTACAGTGTGCACTACTCGTACATGGTGAC	[5590]
Whale	GGCCGGGACAGTGTGCACTACGGTGTGCACTACTCATAACGTGGTGAC	[5584]

[5660 5670 5680 5690 5700]
[.]

Tonatia	CGTGGAGGCCACCTTCCGCGAGACCCAGTCCAAGGGGGAGGTCCTGCAGC	[5577]
Myotis	CGTGGAGACCACCTTCCGCGAGACACAGTCCAAGCAGGACGTCCTGCAGC	[5616]
Tadarida	??	[5604]
Taphozous	CGTGGAGTCTACCTTCCGCGAGACCCAGTCCAAGGGGGACGTCCTGCAGC	[5604]
Megaderma	CCCGGAGTCCACCTTCCGCGAGACCCAGTCCAAGGGGGACGTCCTGCAGC	[5619]
Cynopterus	TGTGGAGTCCACCTTCCGCGAGACACAGTCCAAGGGGGACGTCCTGCAGC	[5631]
Pteropus	CGTGGAGTCCACCTTCCGCGAGACACAGTCCAAGGGGGACATCCTGCAGC	[5616]
Hipposideros	CGTGGAGTCCACCTTCCGCGAGACACAGTCCAAGGGGGACGTCCTGCAGC	[5655]
Cat	TGTGGAGTACACCTTCCGCGAGACCCAGTCCAAGGGGGAGGTCCTGCAGC	[5658]
Human	CGTGGAGTACCCCTTCCGCGAGACACAGTCCAAGGGGGACATCCTGCAGC	[5652]
Mouse	CATGGAGTATGCCTTCCGCGAGACCCAGTCCAAGGGGGAGGTCCTGCAGC	[5550]
Flyinglemur	CGCGGAGCACACCTTCCGCGAGACCCAGTCCAAGGGGGACGTCCTGCAGC	[5661]
NycterisG	TGTGGAATCCACCTTCCGCGAGACACAGTCCAAGGGGGACGTCCTGCAGC	[5562]
Antrozous	CGAGGAGACCACCTTCCGCGAGACACAGTCCAAGGGGGACATCCTGCAGC	[5607]
Rhogeessa	CGAGGAGACCACCTTCCGCGAGACACAGTCCAAGGGGGACGTCCTGCAGC	[5625]
Noctilio	TGTGGAGTTCACCTTCCGCGAGACACAGTCCAAGGGGGACATCCTGCAGC	[5613]
Natalus	CGTGGAGTTCACCTTCCGCGAGACACAGTCCAAGGGGGATGTCCTGCAGC	[5610]
Rhinolophus	TGTGGAGTCCACCTTCCGCGAGACACAGTCCAAGGGGGACGTCCTGCAGC	[5646]
Rousettus	CGTGGAGTCCACCTTCCGCGAGACACAGTCCAAGGGGGACGTCCTGCAGC	[5619]
NycterisT	TGTGGAGTCCACCTTCCGCGAGACACAGTCCAAGGGGGACGTCCTGCAGC	[5586]
Nyctimene	CGTGGAGTCCACCTTCCGCGAGACACAGTCCAAGGGGGACGTCCTGCAGC	[5634]
Mole	GGCGGAGCACAC?TCCGCGAGACCCAGTCCAAGGGGGACGTCCTGCAGC	[5646]
Horse	CATGGAGTACACTTCCGCGAGACACAGTCCAAGGGGGACGTCCTGCAGC	[5643]
Desmodus	CGTGGAGGCCACCTTCCGCGAGACCCAGTCCAAGGGGGACGTCCTGCAGC	[5586]
Rhinopoma	CGTGGAGTCCACCTTCCGCGAGACACAGTCCAAGGGGGACGTCCTGCAGC	[5655]
Emballonura	CGTGGAGTCCACCTTCCGCGAGACACAGTCCAAGGGGGACGTCCTGCAGC	[5592]
Cow	TGTGGAGCACTCCTTCCGCGAGACACAGTCCAAGGGGGACGTCCTGCAGC	[5634]
Pangolin	TGTGGAGTACAGCTTCCGCGAGACCCAGTCCAAGGGGGACATCCTGCAGC	[5640]
Whale	CGTGGAGCACTCCTTCCGCGAGACCCAGTCCAAGGGGGACGTCCTGCAGC	[5634]

[5710 5720 5730 5740 5750]
[.]

Tonatia	GGGTGCGGAGATCCGCTACCAAGGYGTAACAGCACCAACACGGGACTG	[5627]
Myotis	GGGTGCGGAGATCCGCTACCAAGGGCGGCAACAGCACCAACACGGGCTG	[5666]
Tadarida	??	[5654]
Taphozous	GGGTGCGGAGATCCGCTACCAAGGGCGGCAACAGCACCAACACGGGACTG	[5654]
Megaderma	GGGTCCGGGACATCCGCTACCAAGGGGTGGCAACAGGACCAACACAGGGCTG	[5669]
Cynopterus	GGGTGCGGAGATCCGCTACCA????????????????????????????	[5681]
Pteropus	GGGTGCGGAGATCCGCTACCAAGGGCGGCAACAGGACCAACACGGGGCTA	[5666]
Hipposideros	GGGTCCGGGAGATCCCTTCCGCGGCGGCAACAGGACCAACACAGGACTG	[5705]
Cat	AGGTGCGGAGATCCGCTACCAAGGGGTGGCAATAGGACCAACACTGGACTG	[5708]
Human	GGGTGCGGAGATCCGCTACCAAGGGCGGCAACAGGACCAACACTGGGCTG	[5702]
Mouse	ACGTGCGGAGATCCGCTACCAAGGGCGGCAATAGGACCAACACTGGGCTG	[5600]
Flyinglemur	GGGTGCGGAGATCCGCTACCAAGGGGTGGTAACAGGACCAACACTGGACTG	[5711]
NycterisG	GGGTGCGGAGATCCGCTACCAAGGGGTGGCAACAGGACCAACACAGGCTG	[5612]
Antrozous	GGGTGCGGAGATCCGCTACCAAGGGCGGCAACAGGACCAACACGGGCTG	[5657]
Rhogeessa	GGGTGCGGAGATCCGCTACCAAGGGCGGCAACAGGACCAACACGGGCTG	[5675]
Noctilio	GGGTCCGGGAGATCCGCTACCAAGGGCGGCAACTACACCAACACGGGACTG	[5663]
Natalus	GAGTGGCAAGATCCGCTACCAAGGGCGGCAACAGGACCAACACAGGACTG	[5660]
Rhinolophus	GGGTCCGGGAGATCCGCTACCAAGGGGTGGTAACAGGACCAACACGGGACTG	[5696]
Rousettus	GGGTGCGGAGATCCGCTTCCGCGGCGGCAACAGGACCAACACGGGGCTA	[5669]
NycterisT	GGGTGCGGAGATCCGCTACCAAGGGCGGCAACAGGACCAACACAGGCTG	[5636]
Nyctimene	GGGTGCGGAGATCCGCTACCAAGGGCGGCAACGGGACCAACACAGGGCTG	[5684]

Mole	AGGTGCGGGAGCTGCGCTTCCGGGGAGGCAACGGGACCAACACAGGCGG	[5696]
Horse	GTGTGCGTGAGATCCGCTACCAGGGCGGCAACAGGACCAACACCGGACTG	[5693]
Desmodus	GGGTGCGGAGATCCGCTACCAGGGCGGCAACAGCACCACACCGGGCTG	[5636]
Rhinopoma	GGGTCCGGGACATCCGCTACCAGGGCGGCAACAGGACCAACACAGGACTG	[5705]
Emballonura	GGGTGCGGAGATCCGCTACCAGGGTGGCAACAGCACCACACCGGACTG	[5642]
Cow	GACTCCGTGAAGTCCGCTACCAGGGTGGCAACAGCACCACACCGGGGCTG	[5684]
Pangolin	GTGTGCGGAGATCCGCTTCCAGGGCGGCAACAGGACCAACACTGGGCTG	[5690]
Whale	GGGTGCGGGAGATCCGCTACCAGGGTGGCAACCGGACCAACACCGGGCTG	[5684]

[	5760	5770	5780	5790	5800]
[.]

Tonatia	GCCCTGCAGTACGTTTTGCAACACAGCTTCTCGGCCAGCGAGGGGATCG	[5677]
Myotis	GCCCTGCAGTACGTGTCCGAGCACACCTTCTCGGCCAGCCTGGGAGACCG	[5716]
Tadarida	GCCCTGCAGTACGTGTCTGAGCACAGCTTCTCGGCCAGCCAGGGGACCG	[5704]
Taphozous	GCCCTGCAGTACGTGTCTGAGCACAGCTTCTCAGCCAGCCAGGGGACCG	[5704]
Megaderma	GCCCTGCAGTACGTGTCTGAGCACAGCTTCTCGGCCAGCCAGGGGACCG	[5719]
Cynopterus	???	[5731]
Pteropus	GCCCTGCAGTACTGTCTGAAACACAGCTTCTCGGCCAGCCAGGGGACCG	[5716]
Hipposideros	GCCCTGCAGTACGTGTCCGAGCACAGCTTCTTGGCCAGCCAGGGTACCG	[5755]
Cat	KCCCTGCAGTACGTGTCTGAAACACAGCTTCTCAGCCAACCGGGGACCG	[5758]
Human	GCCCTGCGGTACCTCTCTGACCACACAGCTTCTTGGTCAGCCAGGGTACCG	[5752]
Mouse	GCCCTGCAGTACCTTTCTGAGCACAGCTTCTCTCCAGCCAAGGGGACCG	[5650]
Flyinglemur	GCCCTGCAGTACGTGTCTGAGCACAGCTTCTCTGCCAGCCAGGGGACCG	[5761]
NycterisG	GCCCTGCAGTACCTCTCTGAGCACAGCTTCTTGGCCAGTGAGGGGACCG	[5662]
Antrozous	GCCCTGCAGTACGTGTCTGAGCACACCTTCTCGGCCAGCCTGGGGGACCG	[5707]
Rhogeessa	GCCCTGCAGTACGTGTCTGAGCACACCTTCTCGGCCAGCCTGGGGGACCG	[5725]
Noctilio	GCCCTGCAGTACGTGTCTGAGAACAGCTTCTTGGTCAGCCAGGGGACCG	[5713]
Natalus	GCCCTGCAGTACCTGTCTGAGCATAGCTTCTCAACCAGCCAGGGGACCG	[5710]
Rhinolophus	GCCCTGCAGTACCTGTCTCCGAGCACAGCTTCTTGGCCAGCCAGGGGACCG	[5746]
Rousettus	GCCCTGCAGTACCTGTCTGAGCACAGCTTCTCCATCAGCCAGGGGACCG	[5719]
NycterisT	GCCCTGCAGTACCTCTCTGAGCACAGCTTCTTGGCCAGTGAGGGGACCG	[5686]
Nyctimene	GCCCTGCAGTACCTGTCCGAGCACAGCTTCTCGGCCAGCCAGGGGACCG	[5734]
Mole	GCCCTGCAGTACCTGGCCGAGCACAGCTTCTCGGCCGCCAGGGGACCG	[5746]
Horse	GCCCTACAGTACCTGTCTGAGCACAGCTTCTTGGCCAGCCAGGGGACCG	[5743]
Desmodus	GCCCTGCAGTACGTGTCCGAGCACAGCTTCTCGGCCAGCCAGGGGACCG	[5686]
Rhinopoma	GCCCTGCA? ??	[5755]
Emballonura	GCCCTGCAGTACCTGTCCGAACACAGCTTCTTGGTCAGCCAGGGGACCG	[5692]
Cow	GCCCTGCAGTACTGTCTGAGCACAGCTTCTCTGCCAGCCAGGGGACCG	[5734]
Pangolin	GCCCTGCAGTACCTGTCTGAGCACAGCTTCTTGGCCGCCAGGGGACCG	[5740]
Whale	GCCCTGCAGTACCTGTCCGAGCACAGCTTCTCGGCCAGCCAGGGGACCG	[5734]

[	5810	5820	5830	5840	5850]
[.]

Tonatia	GGAGCAGTACCTAACCTGGTCTACATTGTCTACAGGAAA????????????	[5727]
Myotis	AGAGCAGGCACCTAACCTGGTCTACATGGTCAACCGCAACCCCGCTCTG	[5766]
Tadarida	GGAGGAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5754]
Taphozous	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGAGCCCGCTCTG	[5754]
Megaderma	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5769]
Cynopterus	???	[5781]
Pteropus	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5766]
Hipposideros	GGAGCAGGTGCCCAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5805]
Cat	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5808]
Human	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5802]
Mouse	GGTAGAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5700]
Flyinglemur	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5811]
NycterisG	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5712]
Antrozous	GGAGCAGGCACCT???????????????????????????????????????	[5757]
Rhogeessa	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5775]
Noctilio	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5763]
Natalus	GGAGCAAGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5760]
Rhinolophus	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5796]
Rousettus	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5769]
NycterisT	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5736]
Nyctimene	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5784]
Mole	GGAGGAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5796]
Horse	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5793]
Desmodus	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5736]
Rhinopoma	???	[5805]
Emballonura	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5742]
Cow	GGAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5784]
Pangolin	GCAGCAGGCACCTAACCTGGTCTACATGGTCAACAGGGAACCCCGCTCTG	[5790]

Whale GGAGCAGGCGCCCAACCTGGTCTACATGGTCACGGGGAGCCCGCCTCAG [5784]

[5860 5870 5880 5890 5900]
[.]

Tonatia ??? [5777]
Myotis ATGTGATCAAGCGGATGCTGGCGACATCCAGGTGGTGCCCATCGCGCTG [5816]
Tadarida ATGAGATCAAGCGCATGCCCGGAGACATCCAGGTGGTGCCCATGGAGTG [5804]
Taphozous ATACGATCACACGGACGCTGGAGACATCCAGGTGGTGCCCATGGGGTG [5804]
Megaderma ACACGATCACGCGGATGCCCGGAGACATCAACTGGTGCCCATGGAGTG [5819]
Cynopterus ??? [5831]
Pteropus ACGAGATCAAACGGATGCTGGAGACATCCAGGTGGTGCCCATGGAGTG [5816]
Hipposideros ATGAGATCAAGCGGATGCCAGGAGACATCCAGGTGGTGCCATTGGAGTG [5855]
Cat ATGAGATCAGGCGGATGCTGGAGACATCCAGGTGGTACCCATCGGAGTG [5858]
Human ATGAGATCAAGCGGCTGCCTGGAGACATCCAGGTGGTGCCCATGGAGTG [5852]
Mouse ATGAGATCAAGAGGTTGCTGGAGACATCCAGGTGGTACCCATTGGGGTG [5750]
Flyinglemur ACGAGATCAAGCGGTTGCCCGGAGACATCCAGGTGGTGCCCATCGGAGTG [5861]
NycterisG ATGAGATCAAGCGGATGCTGGAGATATCCAGGTGGTGCCCAT???????? [5762]
Antrozous ??? [5807]
Rhoageessa ATGAGATCAAGCGGATGCTGGAGACATCCAGGTGGTGCCCATCGGGTG [5825]
Noctilio ATGTGATCAAGCGGATGCTGGAGACATCCAGGTGGTGCCCATGGAGTG [5813]
Natalus ATGAGATCAAGCGGATGCCCGGAGACATCCAGGTGGTGCCCATGGAGTG [5810]
Rhinolophus ATGAGATTAAGCGGATGCCCGGAGACATCCAGGTGGTGCTGTTGGAGTG [5846]
Rousettus ACGAGATCAAGGGATG?? [5819]
NycterisT ATGAGATCAAGCGGATGCTGGAGATATCCAGGTGGTGCCCATGGAGTG [5786]
Nyctimene ACGAGATCAAGCGGATGCTGGAGACATCCAGGTGGTGCCCATGGAGTG [5834]
Mole ACGAGATCAGGAGGATGCCGGGACATCCAGGTGGTGCCCATCGGGTG [5846]
Horse ??? [5843]
Desmodus ATGTGATCAAGCGGATGCCCGGAGACATCCAGGTGGTGCCCATGGAGTG [5786]
Rhinopoma ??? [5855]
Emballonura ATGAGATCAAACGGATGCCCGGAGACATCCAGGTGGTGCCCATGGAGTG [5792]
Cow ACAAGATCCAGCGGATGCTGGAGACATCCAGGTGGTGCCCATCGGCGTG [5834]
Pangolin ACGTGATCACGCGGATGCTGGAGACATCCAGGTGGTGCCCATGGAGTG [5840]
Whale ATGAGATCAGGCGGATGCTGGAGACATCCAGGTGGTGCCCATGGGGTG [5834]

[5910 5920 5930 5940 5950]
[.]

Tonatia ??? [5827]
Myotis GGCCCTCATGCCAACGTGCTGGAGCTGGAGAGGATTGGCTGGCCCAATGA [5866]
Tadarida GGCCCTCATGCCGACGTGCAGGAGCTGGAGAGGATCGGCTGG???????? [5854]
Taphozous GGCCCTCATGCCGATGTGCAGGAGCTGGAGAAGAT???????????????? [5854]
Megaderma GGTCTCTGT?CCGACGTTCCGGA?CT?GAGAGGGTAG?CTGC???????? [5869]
Cynopterus ??? [5881]
Pteropus GGTCTCAGGCTGACGTGCAGGAGCTGGAGAGGATC?GCTGGCCCAATGC [5866]
Hipposideros GGCCCTCGAGCCGACGTGCAGGAGTTGGAGAGGATCGGCTGGCCCAATGC [5905]
Cat GTCCCTCATACCAACCT???????????????????????????????????? [5908]
Human GGCCCTAATGCCAACGTGCAGGAGCTGGAGAGGATTGGCTGGCCCAATGC [5902]
Mouse GGCCCCCATGCCAACATGCAGGAAGCTGGAGAGGATCAGCAGGCCCATCGC [5800]
Flyinglemur GGCCCTCATGCCAACGTGCAGGAGCTGGAGAGGATCGGCTGGCCCAATGC [5911]
NycterisG ?????A?? [5812]
Antrozous ??? [5857]
Rhoageessa GGCCCTCATGCCAACGTGCAGGAGCTAGAGAGGATTGGCTGGCCCAATGT [5875]
Noctilio GGCCCTCATGCCAACGTGCAGGAAGCTGGAGAAGAT???????????????? [5863]
Natalus GGCCCTCATGCCGATGTGCAGGAGCTGGAGAGGATCGGCTGGCCCAATGC [5860]
Rhinolophus GGCCCTGAGCTGACGTGCAGGAGCTGGAGAGGATCTGCTGGCCCAATGC [5896]
Rousettus ??? [5869]
NycterisT GGCCCCATGCCGACGTGCAGGAGCT???????????????????????????? [5836]
Nyctimene GGTCTCAGGCTGACGTGCAGGAGCTGGAGAGGAT???????????????? [5884]
Mole GGCCCGCA?GCCGACGTGCCGAGCTGGAGCGGATCGGCTGGCCCAACGC [5896]
Horse ??? [5893]
Desmodus GGCCCTCATGCCAATGTGCCGAGCTGGAGAGGATGGGCTGGCCCT???? [5836]
Rhinopoma ??? [5905]
Emballonura GGCCCGCTGCTGA?GTGCAGGAGCTGGAGAGGATCGGCTGGCCCA?TGC [5842]
Cow GGCCCGCGTGGATGTGCAGGAGCTGGAGAGGATCAGCTGGCCCAAGAC [5884]
Pangolin GGTCTCATGCCAGCTGCAGGAGCTGCAGAGGATTGGCTGGCCCAATGC [5890]
Whale GGACCTCGGCTGGACGTGCAGGAGCTGGAGAAGATCGGCTGGCCCAAGGC [5884]

[5960 5970 5980 5990 6000]
[.]

Tonatia ???GCCATCGCGCGGTTATCACCTTCTTAATCTCTTACCATCTTTG [5877]
Myotis GCCCGCATCGCGCGGTCATCACCTTCTCTTACCATCTTTG [5916]

Tadarida	????GCCATCGCGGGCGGTCATCACCTTCCTCATTCTTTCACCATCTTCG	[5904]
Taphozous	????GCCATCGCAGCAGTCATCACCTTCCTCATTCTTTCACCATCTTCG	[5904]
Megaderma	????GCCATCGCTGCGGTCATCACCTTCCTCATTCTTTCACCATCTTCG	[5919]
Cynopterus	????GCCATCGCTGCGGTCATCACCTTTCTCATCTTTCACCATCTTCG	[5931]
Pteropus	CCCCGCCATCGCTGCGGTCATCACCTTCCTCATCTTTCACCATCTTCG	[5916]
Hipposideros	CCCCGCCATCGCTGCGGTCATCACCTTCCTCATTCTTTCACCATCTTCG	[5955]
Cat	????GCCATCGCGGGCGGTCATCACCTTCCTCATTCTTTCACCATCTTCG	[5958]
Human	CCCTGCCATAGCGGGGCCATCACCTTCCTCATTCTTTTACCATCTTCG	[5952]
Mouse	TCCCGCCATCGCTGCGGCATCACCTTTCTCATCTTTCACCATTTTCG	[5850]
Flyinglemur	CCCCGCTATCGCGGGCGGTCATCACCTTCCTCATTCTTTCACCATCTTCG	[5961]
NycterisG	????GCCATCGCAGCAGTCATCACCTTCTCATTCTTTCACCATCTTCG	[5862]
Antrozous	????GCCATCGCGGGCGGTCACCTTCCTCATCTTTCACCATCTTTG	[5907]
Rhogeessa	CCCCGCCATCGCGGGCGGTCACCTTCCTTCTCATCTTTCACCATCTTCG	[5925]
Noctilio	????GCCATCGCTGCGGTTATCACCTTCCTTATTCTTTCACCATCTTCG	[5913]
Natalus	CCCCGCCATGCGGGCGGTCATCACCTTCCTCATTCTTTCACATCTTCG	[5910]
Rhinolophus	CCC?GCCATCGCTGCGGTCATCACCTTCTCATTCTTTCACCATCTTCG	[5946]
Rousettus	????GCCATCGCTGCGGGCCATCACCTTCCTCATCTTTCACCATCTTCG	[5919]
NycterisT	????GCCATCGCAGCAGTCATCACCTTCTCATTCTTTCACCATCTTCG	[5886]
Nyctimene	????GCCATCGCTGCGGTCATCACCTTCCTCATCTTTCACCATCTTCG	[5934]
Mole	CCCCGCCATCGCGGCCATCATCATCTTCTCATCTTTCACCATCTTTG	[5946]
Horse	????GCCATGCGGGCGGTCATCACCTTCCTCATCTTTCACCATCTTTG	[5943]
Desmodus	????GCCATCGCGGGCGGTTATCACCTTCCTAATTCTTTCACCATCTTTG	[5886]
Rhinopoma	??CATCTTCG	[5955]
Emballonura	????GCCATCGCGGGCGGTCATCACCTTCCTCATTCTTTCACCATCTTCG	[5892]
Cow	CCCCGCCATCGCGGGCGGTCATCACCTTCCTCATCTTTCACCATCTTCG	[5934]
Pangolin	CCCCGCCATGCGGCTGTCATCACCTTCCTCATCTTTCACCATCTTTG	[5940]
Whale	CCC?GCCATCGCGGGCGGTCATCACCTTCCTCATCTTTCACCATCTTCG	[5934]

[6010 6020 6030 6040 6050]
[.]

Tonatia	GTAACGCGCTGGTCATCTGGCGGTGTTGACCAGCCGCTCGCTGCGAGCC	[5927]
Myotis	GCAACGCACTGGTCATCTGGCGGTGTTGACGAGCCGCTCGCTGCGCGCC	[5966]
Tadarida	GCAACGCGCTAGTCATCTGGCGGTGTTGACGAGCCGCTCCCTGCGCGCC	[5954]
Taphozous	GCAACGCGCTGGTTATCTGGCGGTGTTGACAAGCCGCTCGCTGCGTGCC	[5954]
Megaderma	GCAATGCACTGGTCATCTGGCGGTGTTGACGAGCCGCTCGCTCCGCGCC	[5969]
Cynopterus	GCAACGCGCTGGTCATCTGGCGGTGTTGACGAGCCGCTCGCTACGCGCC	[5981]
Pteropus	GCAACGCGCTTGTATCTGGCGGTGTTGACAAGCCGCTCGCTACGCGCC	[5966]
Hipposideros	GCAACGCACTGGTCATCTGGCAGTGTGACGAGCCGCTCGCTCCGTGCC	[6005]
Cat	GCAACGCGCTGGTCATCTGGCTGTGTTGACGAGTGTGCTCGCTGCGCGCC	[6008]
Human	GCAACGCTTGGTCATCTGGCTGTGTTGACGAGCCGCTCGCTGCGCGCC	[6002]
Mouse	GCAATGCGCTGGTAATTCTGGCTGTGTTGACCAGCCGCTCTCTCCGTGCA	[5900]
Flyinglemur	GCAACGTGCTGGTCATCTGGCTGTGTTGACGAGCCGCTCGCTGCGTGCC	[6011]
NycterisG	GCAATGCTCTGGTCATCTGGCGGTGTTGACGAGCCGCTCGCTGCGCGCC	[5912]
Antrozous	GCAACGCACTGGTCATCTGGCGGTGTTGACGAGCCGCTCGCTGCGCGCC	[5957]
Rhogeessa	GCAATGCACTGGTCATCTGGCGGTGTTGACCAGCCGCTCGCTGCGCGCC	[5975]
Noctilio	GTAACGTGCTCGTCATCTGGCGGTGTTGACCAGCCGCTCGCTTCCGCGCT	[5963]
Natalus	GCAATGCGTTAGTCATCTGGCGGTATTGACAAGCCGCTCACTGCGCGCT	[5960]
Rhinolophus	GCAACGCGCTGGTCATCTGGCGGTGTTGACGAGCCGCTCGCTCCGCGCC	[5996]
Rousettus	GCAACGCGCTTGTATCTGGCGGTGTTGACAAGCCGCTCGCTACGCGCC	[5969]
NycterisT	GCAACGCTTGGTCATCTGGCGGTGTTGACGAGCCGCTCGCTGCGCGCC	[5936]
Nyctimene	GCAACGCGCTTGTATCTGGCGGTGTTGACAAGCCGCTCGCTACGCGCC	[5984]
Mole	GCAACGCGCTGGTCATCTGGCTGTGTTGACAAGCCGCTCGCTGCGCGCC	[5996]
Horse	GCAACGCGCTGGTCATCTGGCTGTGTTGACGAGCCGCTCGCTGCGCGCC	[5993]
Desmodus	GCAACGCGCTGGTCATCTGGCGGTGTTGACGAGCCGCTCGCTGCGCGCT	[5936]
Rhinopoma	GCAACGCACTGGTCATCTGGCGGTGTTGACAAGCCGCTCGCTTCCGCGCC	[6005]
Emballonura	GCAACGCGCTGGTCATCTCGCGGTGTTGACGAGCCGCTCACTGCGCGCC	[5942]
Cow	GCAACGCGCTGGTCATCTGGCTGTGTTGACGAGCCGCTCGCTGCGCGCC	[5984]
Pangolin	GCAACGCGCTGGTCATCTGGCTGTGTTGACTAGCCGCTCGCTGCGCGCC	[5990]
Whale	GCAACGCGCTGGTCATCTGGCTGTGTTGACAAGCCGCTCGCTGCGAGCC	[5984]

[6060 6070 6080 6090 6100]
[.]

Tonatia	CCGCAGAACCTGTTCTGGTGTCTATTGGCCGAGCCGACATCTGGTGCC	[5977]
Myotis	CCGCAGAACCTGTTCTGGTGTCTATTGGCTGCGCGGACATCTGGTGCC	[6016]
Tadarida	CCGCAGAACCTGTTCTGGTGTCTATTGGCCGCTGTGACATCTGGTGCC	[6004]
Taphozous	CCGCAGAACCTGTTCTGGTGTCTATTGGCCGCGCCGACATCTGGTAGC	[6004]
Megaderma	CCGCAGAACCTGTTCTGGTGTCTATTGGCCGCGCCGACATCTGGTGCC	[6019]
Cynopterus	CCGCAGAACCTGTTCTGGTGTCTATTGGCCGCGCCGACATCTGGTGCC	[6031]
Pteropus	CCGCAGAACCTGTTCTGGTGTCTATTGGCCGCGCCGACATCTGGTGCC	[6016]
Hipposideros	CCGCAGAACCTGTTCTGGTGTCTATTGGCCGAGCTGATATCTGGTGCC	[6055]
Cat	CCGCAGAACCTGTTCTGGTGTCTATTGGCCGCGCCGACATCTGGTGCC	[6058]

Human	CCTCAGAACCTGTTCCCTGGTGTGCGTGGCCGCCGCGACATCCTGGTGGC	[6052]
Mouse	CCACAAAACCTCTTCCTGGTGTCACTGGCAGCAGCCGACATCCTAGTGGC	[5950]
Flyinglemur	CCGCAAAACCTGTTCCCTGGTGTGCGTGGCCGCCGCGACATCCTGGTGGC	[6061]
NycterisG	CCGCAGAACCTGTTCCCTGGTGTGCGTTAGCCGCCGCGACATCCTAGTGGC	[5962]
Antrozous	CCGCAAAACCTGTTCCCTGTTGTGTCCTTGGCTGCGCGTACATCCTGGTGGC	[6007]
Rhogeessa	CCACAAAACCTTTTCCTTGTGTCCTTGGCTGCTGCTGACATCCTGGTGGC	[6025]
Noctilio	CCGCAGAACCTGTTCCCTGGTGTGCGTTGGCCGCCGCGACATCCTAGTGGC	[6013]
Natalus	CCACAGAACCTGTTCCCTGGTGTGCGTTAGCCGCCGCGACATCCTGGTGGC	[6010]
Rhinolophus	CCGCAGAACCTGTTTCTGGTGTGCGTTGGCTGACGCCGACATCCTGGTGGC	[6046]
Rousettus	CCGCAGAACCTGTTTCTGGTGTGCGTTGGCCGCCGCGACATCCTGGTGGC	[6019]
NycterisT	CCGCAGAACCTGTTCCCTGGTGTGCGTTGGCCGCCGCGACATCCTAGTGGC	[5986]
Nyctimene	CCGCAGAACCTGTTCCCTGGTGTGCGTTGGCCGCCGCGACATCCTGGTGGC	[6034]
Mole	CCGCAGAACTGTGTTCCCTGGTGTGCGTGGCCGCCGCGTACATCCTGGTGGC	[6046]
Horse	CCGCAGAACCTGTTCCCTGGTGTGCGTGGCCGCCGCGTACATCCTGGTGGC	[6043]
Desmodus	CCGCAGAACCTGTTCCCTGGTGTGCGTTGGCCGCCGCGACATCCTGGTGGC	[5986]
Rhinopoma	CCGCAGAACCTGTTCCCTGGTGTGCGTTGGCCGCCGCGACATCCTGGTGGC	[6055]
Emballonura	CCGCAGAACCTGTTCCCTGGTGTGCGTTGGCCGCCGCGACATCCTGGTAGC	[5992]
Cow	CCGCAGAACCTGTTCCCTAGTGTGCGTGGCCGCCGCGACATCCTGGTAGC	[6034]
Pangolin	CCACAGAACCTGTTCCCTGGTGTGCGTGGCCGCCGCGTACATCCTTGTGGC	[6040]
Whale	CCGCAGAACCTGTTCCCTAGTGTGCGTGGCCGCCGCGACATCCTGGTGGC	[6034]

[6110 6120 6130 6140 6150]
[.]

Tonatia	CGCGCTCATCATCCCTTTCTCACTGGCCAACGAGCTGCTGGGCTACTGGT	[6027]
Myotis	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTGGGCTACTGGT	[6066]
Tadarida	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTGGGCTACTGGT	[6054]
Taphozous	TACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTGGGCTACTGGT	[6054]
Megaderma	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTGGGCTACTGGT	[6069]
Cynopterus	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTGGGCTACTGGT	[6081]
Pteropus	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTGGGCTACTGGT	[6066]
Hipposideros	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTAGGCTAYTGGT	[6105]
Cat	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTGGGCTACTGGT	[6108]
Human	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTGGGCTACTGGT	[6102]
Mouse	TACTCTTATCATCCCTTTCTCTCTGGCCAACGAGCTGCTGGGCTATGGT	[6000]
Flyinglemur	CGCGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTGGGCTACTGGT	[6111]
NycterisG	CACGCTCATCATCCCTTTTCTCACTGGCCAACGAGCTGCTGGGCTACTGGT	[6012]
Antrozous	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTGGGCTATTGGT	[6057]
Rhogeessa	CACGCTCATCATCCCTTTCTCGTTGGCCAACGAGCTGCTGGGCTATTGGT	[6075]
Noctilio	CTCGCTCATCATCCCTTTCTCTCTGGCCAACGAGCTGCTGGGCTACTGGT	[6063]
Natalus	CACGCTTATCATCCCTTTCTCACTGGCCAATGAGCTGCTGGGCTACTGGT	[6060]
Rhinolophus	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTAGGCTACTGGT	[6096]
Rousettus	CACGCTCATCATCCCTTTCTCGCTGGCCAATGAGCTGCTGGGCTACTGGT	[6069]
NycterisT	CACGCTCATCATCCCTTTTCTCACTGGCCAACGAGCTGCTGGGCTACTGGT	[6036]
Nyctimene	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTGGGCTACTGGT	[6084]
Mole	CACGCTGATTATCCCTTTCTCGCTGGCCAACGAACTGTTGGGCTACTGGT	[6096]
Horse	CACGCTCATCATCCCTTTCTCGTTGGCCAATGAGCTGCTGGGCTACTGGT	[6093]
Desmodus	CGCGCTCATCATCCCTTTCTCTCTGGCCAACGAGCTGCTGGGCTACTGGT	[6036]
Rhinopoma	CACGCTCATCATCCCTTTTCTCGCTGGCCAACGAGCTGCTGGGCTACTGGT	[6105]
Emballonura	TACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTAGGCTACTGGT	[6042]
Cow	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGTTGCTGGGCTACTGGT	[6084]
Pangolin	AACGCTCATCATCTTTCTCGCTGGCCAATGAGCTGCTCGGCTATTGGT	[6090]
Whale	CACGCTCATCATCCCTTTCTCGCTGGCCAACGAGCTGCTGGGCTACTGGT	[6084]

[6160 6170 6180 6190 6200]
[.]

Tonatia	ACTTCCGGCGAACGTGGTGCAGGTTGACCTGGCGCTCGACGTGCTCTTC	[6077]
Myotis	ACTTCCGGCGAACGTGGTGCAGGTTGACCTGGCTCTCGACGTGCTCTTC	[6116]
Tadarida	ACTTTCGGCGAATGTTGTCGAGGTTGACCTGGCCCTCGATGTGCTCTTC	[6104]
Taphozous	ACTTCCGGGAGAACGTGGTGCAGGTTGACCTGGCGCTCGACGTGCTCTTC	[6104]
Megaderma	ACTTCCGGCGCACTTGGTGTGAGGTTGACCTGGCGCTCGACGTGCTCTTC	[6119]
Cynopterus	ACTTCCGGCGCACGTGGTGCAGGTTGACCTGGCGCTCGATGTGCTCTTC	[6131]
Pteropus	ACTTCCGGCGCACGTGGTGCAGGTTGACCTGGCGCTCGACGTGCTCTTC	[6116]
Hipposideros	ACTTCCGGCGCACTTGGTGCAGGTTGACCTGGCGCTCGACGTGCTCTTC	[6155]
Cat	ACTTCCGGCGCACGTGGTGTGAGGTTGACTTGGCGCTCGACGTGCTCTTC	[6158]
Human	ACTTCCGGCGCACGTGGTGCAGGTTGACCTGGCGCTCGACGTGCTCTTC	[6152]
Mouse	ACTTCTGGCGTGCCTGGTGCAGGTTGACCTGGCGCTAGACGTGCTCTTC	[6050]
Flyinglemur	ACTTCTGGCGCACGTGGTGCAGGTTGACCTGGCGCTGGACGTGCTCTTC	[6161]
NycterisG	ACTTCCGGGAGAACGTGGTGCAGGTTGACCTGGCGCTCGACGTGCTCTTC	[6062]
Antrozous	ACTTCCGGGCAAGCTGGTGTGAGGTTGACCTGGCTCTCGACGTGCTCTTC	[6107]
Rhogeessa	ACTTCCGGCAAGCTGGTGTGAGGTTGACCTGGCTCTCGACGTGCTCTTC	[6125]
Noctilio	ACTTCCGGCGAACGTGGTGCAGGTTGACCTGGCGCTAGACGTGCTCTTC	[6113]

Natalus	ACTTCCGGCGAACGTGGTGCGAGGTGTACCTGGCTCTCGACGTGCTCTTC	[6110]
Rhinolophus	ACTTCCGGCGCACTTGGTGCGAGGTGTACCTAGCGCTCGACGTGCTCTTC	[6146]
Rousettus	ACTTCCGGCGCACGTGGTGTGAGGTGTACCTGGCGCTCGACGTGCTCTTC	[6119]
NycterisT	ACTTCCGGGAGAACGTGGTGCGAGCTGTACCTGGCGCTCGACGTGCTCTTC	[6086]
Nyctimene	ACTTCCGACGCACATGGTGCGAGGTGTACCTGGCGCTCGACGTGCTCTTC	[6134]
Mole	ACTTCCGGCGCATGTGGTGCAAGGTGTACCTGGCGCTGGACGTGCTCTTC	[6146]
Horse	ACTTCCGGCGCACGTGGTGTGAGGTGTACCTGGCGCTCGACGTGCTCTTC	[6143]
Desmodus	ACTTCCGGCGAACGTGGTGCGAGGTGTACCTGGCGCTCGACGTGCTCTTC	[6086]
Rhinopoma	ACTTCCGGCGCACTTGGTGCGAGGTGTATCTAGCGCTCGACGTGCTCTTC	[6155]
Emballonura	ACTTCCGGCGAACGTGGTGCGAGGTGTACCTGGCACTCGACGTGCTCTTC	[6092]
Cow	ACTTCCGGCGCACCTGGTGCGAGGTGTACCTGGCGCTCGACGTGCTCTTC	[6134]
Pangolin	ACTTCCGGCGCACGTGGTGCGAGGTGTACCTGGCGCTCGATGTGCTCTTC	[6140]
Whale	ACTTCCGGCGCACCTGGTGCGAGGTGTACCTGGCGCTCGACGTGCTCTTC	[6134]

[6210 6220 6230 6240 6250]
[.]

Tonatia	TGTA CTTCATCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6127]
Myotis	TGTA CTTCGTCCATCGTGCACCTGTGTGCCATCAGCCTGGACCGCTACTG	[6166]
Tadarida	TGTA CTTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6154]
Taphozous	TGTA CTTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6154]
Megaderma	TGTA CTTCGTCCATCGTGCACCTGTGTGCGATCAGCCTGGACCGCTACTG	[6169]
Cynopterus	TGTA CTTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6181]
Pteropus	TGTA CTTCGTCTATCGTGCACCTGTGTGCCATCAGCCTGGACCGCTACTG	[6166]
Hipposideros	TGTA CTTCGTCTATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6205]
Cat	TGTA CTTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6208]
Human	TGTA CTTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6202]
Mouse	TGTA CTTCCTCCATCGTGCACCTGTGTGCCATCAGTCTGGACAGATACTG	[6100]
Flyinglemur	TGTA CTTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6211]
NycterisG	TGTA CTTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6112]
Antrozous	TGTA CTTCGTCCATCGTGCACCTGTGTGCCATCAGTCTGGACCGCTACTG	[6157]
Rhogeessa	TGTA CTTCCTCCATCGTGCACCTGTGTGCCATCAGTCTGGACCGCTACTG	[6175]
Noctilio	TGTA CTTCCTCCAACGTGCATCTGTGCGCCATCAGCCTGGACCGCTACTG	[6163]
Natalus	TGTA CTTCCTCCATCGTGCACCTGTGCGCCATCAGCCTGGATCGCTACTG	[6160]
Rhinolophus	TGTA CTTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6196]
Rousettus	TGTA CTTCGTCTATCGTGCACCTGTGTGCCATCAGCCTGGACCGCTACTG	[6169]
NycterisT	TGTA CTTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6136]
Nyctimene	TGTA CTTCGTCTATCGTGCACCTGTGTGCCATCAGTCTGGACCGCTACTG	[6184]
Mole	TGTA CTTCCTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6196]
Horse	TGTA CTTCCTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6193]
Desmodus	TGTA CTTCATCCATCGTGCACCTGTGTGCCATCAGCCTGGACCGCTACTG	[6136]
Rhinopoma	TGTA CTTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGATCGCTACTG	[6205]
Emballonura	TGTA CTTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6142]
Cow	TGTA CTTCCTCCATCGTGCACCTGTGTGCCATCAGCCTGGACCGCTACTG	[6184]
Pangolin	TGTA CTTCGTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6190]
Whale	TGTA CTTCCTCCATCGTGCACCTGTGCGCCATCAGCCTGGACCGCTACTG	[6184]

[6260 6270 6280 6290 6300]
[.]

Tonatia	GGCTGTGAGCCGCGCTCTGGAGTACAACCTCCAAACGCACCCCGCGCCGCA	[6177]
Myotis	GGCCGTAAGCCGCGCTCTGGAGTACAACACCAAGCGCACCCCGCGCCGCA	[6216]
Tadarida	GGCCGTAAGCCGCGCTCTGGAGTACAACCTCCAAAGCGTACCCACGCGCGCA	[6204]
Taphozous	GGCGGTGAGCCGCGCTCTGGAGTACAACCTCCAAAGCGTACCCCGCGCGCA	[6204]
Megaderma	GGCCGTGAGCCGCGCACTGGAGTACAACCTCCAAAGCGCACCCCGCGCCGAA	[6219]
Cynopterus	GGCCGTGAGTCGCGCGCTGGAGTACAACCTCCAAAGCGCACCCCGCGCCGCA	[6231]
Pteropus	GGCCGTGAGTCGCGCACTGGAGTACAACCTCCAAAGCGCACCCACGTCGCA	[6216]
Hipposideros	GGCCGTAAGCCGCGCGCTGGAGTACAACCTCCAAAGCGCACCCCGCGCCGCA	[6255]
Cat	GGCCGTGAGTCGCGCGCTGGAGTACAACCTCCAAAGCGCACCCACGCGCGCA	[6258]
Human	GGCCGTGAGCCGCGCGCTGGAGTACAACCTCCAAAGCGCACCCCGCGCCGCA	[6252]
Mouse	GGCAGTGAGCCGAGCATTGGAGTACAACCTCCAAAGCGCACTCCACGCGCGCA	[6150]
Flyinglemur	GGCGGTGAGCCGCGCTCTGGAGTACAACCTCCAAAGCGCACCCCGCGCCGCA	[6261]
NycterisG	GGCAGTGAGCCGCGCGCTGGAGTACAACCTCCAAAGCGCACCCCGCGCCGCA	[6162]
Antrozous	GGCCGTAAGCCGCGCTCTGGAGTACAACACCAAGCGCACCCCGCGCCGAA	[6207]
Rhogeessa	GGCCGTAAGCCGCGCTCTGGAGTACAACACCAAGCGCACCCCGCGCCGCA	[6225]
Noctilio	GGCTGTGAGCCGCGCTCTGGAGTACAACCTCCAAAGCGTACCCCGCGCCGCA	[6213]
Natalus	GGCCGTGAGCCGCGCTGGAGTACAACCTCCAAAGCGTACCCCGCGCCGCA	[6210]
Rhinolophus	GGCCGTGAGCCGCGCGCTGGAGTACAACCTCCAAAGCGCACCCCGCGCCGCA	[6246]
Rousettus	GGCAGTGAGTCGCGCGCTGGAGTACAACCTCCAAAGCGCACCCCGCGCCGCA	[6219]
NycterisT	GGCGGTGAGCCGCGCGCTGGAGTACAACCTCCAAAGCGCACCCCGCGCCGCA	[6186]
Nyctimene	GGCGGTGAGTCGCGCTCTGGAAACAACCTCCAAAGCGCACCCCGCGCCGCA	[6234]
Mole	GGCCGTGAGCCGAGCCCTGGAGTACAACCTCCAAAGCGCACCCCGCGCCGCA	[6246]
Horse	GGCCGTGAGCCGCGCGCTGGAGTACAACACCAAGCGCACCCCGCGCCGCA	[6243]

Desmodus	GGCTGTTAGCCGAGCTCTGGAGTACAACCTCCAACCGTACCCCGCGCCGCA	[6186]
Rhinopoma	GGCCGTGAGCCGCGCTCTGGAGTACAACCTCCAAGCGCACCCCGCGCCGCA	[6255]
Emballonura	GGCGGTGAGCCGCGCTCTGGAGTACAACCTCCAAGCGTACACCGAGACGCA	[6192]
Cow	GGCAGTGAGCCGGCCCTGGAGTACAACCTCCAAGCGCACCCCGCGCCGCA	[6234]
Pangolin	GGCGGTGAGCCGAGCACTGGAGTACAACCTCCAAGCGCACCCCGCGCCGCA	[6240]
Whale	GGCCGTGAGCCGCGCTGGAGTACAACCTCCAAGCGCACCCCGCGCCGCA	[6234]

[6310 6320 6330 6340 6350]
[.]

Tonatia	TCAAGTGCATCATCCTCACCGTGTGGCTCATTCAGCTGTCATCTCGCTG	[6227]
Myotis	TCAAGTGCATCATCCTCACCGTGTGGCTCATTCAGCTGTCATCTCGCTG	[6266]
Tadarida	TCAAGTGCATCATCCTCACTGTGTGGCTCATTCGCCGTGTCATCTCGTTG	[6254]
Taphozous	TCAAGTGCATCATCCTCACCGTGTGGCTCATCGCAGCTGTCATCTCGCTG	[6254]
Megaderma	TCAAGTGCATCATCCTTACTGTGTGGCTCATCGCAGCTGTCATCTCGCTG	[6269]
Cynopterus	TCAAGTGCATCATCCTCACCGTGTGGCTCATCGCGGTGTCATCTCGCTG	[6281]
Pteropus	TCAAGTGCATCATCCTCACCGTGTGGCTCATTCGCCGTGTCATCTCGCTG	[6266]
Hipposideros	TCAAGTGCATCATCCTCACTGTGTGGCTCATCGCAGCTGTCATCTCGCTG	[6305]
Cat	TCAAGTGCATCATCCTCACCGTGTGGCTCATCGCAGCTGTCATCTCCCTG	[6308]
Human	TCAAGTGCATCATCCTCACTGTGTGGCTCATCGCCGGTTCATCTCGCTG	[6302]
Mouse	TCAAGTGCATCATCCTCACCGTGTGGCTCATTCAGCCGTCATTTCTCTA	[6200]
Flyinglemur	TCAAGTGCATCATCCTTACCGTGTGGCTCATCGCAGCCGTCATTTTCGCTG	[6311]
NycterisG	TCAAGTGCATTATCCTCACCGTGTGGCTCATCGCAGCTGTCATATCGCTG	[6212]
Antrozous	TCAAGTGCATCATCCTCACTGTGTGGCTCATTCAGCTGTCATCTCGCTG	[6257]
Rhogeessa	TCAAGTGCATCATCCTCACTGTGTGGCTCATTCGCTGTCATCTCGCTG	[6275]
Noctilio	TCAAGTGCATCATCCTCACTGTGTGGCTCATTCGCCGTGTCATCTCGCTG	[6263]
Natalus	TCAAGTGCATCATCCTCACCGTGTGGCTCATCGCAGCTGTCATCTCGCTG	[6260]
Rhinolophus	TCAAGTGCATCATCCTCACCGTGTGGCTCATCGCAGCTGTCATCTCGTTG	[6296]
Rousettus	TCAAGTGCATCATCCTCACCGTGTGGCTCATCGCGGTGTCATCTCGCTG	[6269]
NycterisT	TCAAGTGCATTATCCTCACCGTGTGGCTCATCGCAGCTGTCATATCGCTG	[6236]
Nyctimene	TCAAGTGCATCATCCTCACCGTGTGGCTCATCGCGGTGTCATCTCGCTG	[6284]
Mole	TCAAGTGCATCATCCTCATGGTGTGGCTCATCGCAGCTGTCATCTCGCTG	[6296]
Horse	TCAAGTGCATCATCCTCACCGTGTGGCTCATCGCAGCTGTCATCTCGCTG	[6293]
Desmodus	TCAAGTGCATCATCCTCACCGTGTGGCTCATCGCGGTGTCATCTCGCTG	[6236]
Rhinopoma	TCAAGTGCATCATCCTCACAGTGTGGCTCATCGCAGCTGTCATCTCGCTG	[6305]
Emballonura	TCAAGTGCATCATCCTCATTGTGTGGCTCATTCAGCTGTCATCTCGCTG	[6242]
Cow	TCAAGTGCATCATCCTCATCGTATGGTTCATCGCAGCGGTTATCTCGCTG	[6284]
Pangolin	TCAAGTGCATCATCCTCACCGTGTGGCTCATTCGCCGTTTCATCTCGCTG	[6290]
Whale	TCAAGTGCATCATCCTCACCGTGTGGCTCATCGCAGCTGTCATCTCGCTG	[6284]

[6360 6370 6380 6390 6400]
[.]

Tonatia	CCGCCCTCATCTACAAGGGCGACCAGGGCCCCAACCCCGGGCGGCC	[6277]
Myotis	CCGCCCTACTCTACAAGGGCGACCAGGGCCCCCGGGCCCCCGGGCGGCC	[6316]
Tadarida	CCGCCCTCGTCTACAAGGGTGACCCAGGGCCCCAGCCTCGCGGGCGGCC	[6304]
Taphozous	CCGCCCTCGTCTACAAGGGCGACCCAGGACCCAGCCCCGCGGGCGGCC	[6304]
Megaderma	CCGCCCTCGTCTATAAGGGCGACCCCGGGCCCCAGCCCCGTGGGGCGGCC	[6319]
Cynopterus	CCGCCCTCATCTATAAGGGGAGACCAGGGCCCCAGCCCCATGGGGCGGCC	[6331]
Pteropus	CCGCCCTCGTCTATAAGGGGAGACCAGGGCCCCAGCCCCGCGGACGCC	[6316]
Hipposideros	CCGCCCTCGTCTATAAGGACGACCCCGGGCCCCAGCCCCGCGGGCGGCC	[6355]
Cat	CCGCCCTTATCTACAAGGGCGACCAGGGCCCCAGCCTCGTGGGGCGGCC	[6358]
Human	CCGCCCTCATCTACAAGGGCGACCAGGGCCCCAGCCGCGGGCGGCC	[6352]
Mouse	CCGCCCTCATCTACAAGGGCGACCAGCGCCAGAGCCCCAGGGGCTCCC	[6250]
Flyinglemur	CCGCCCTCATCTACAAGGGCGATCAGGGCCCCAGCCTCTGGGGCGGCC	[6361]
NycterisG	CCGCCCTCGTCTACAAGGGCGACCAGGGCCCCAGCCCCGCGGACGCC	[6262]
Antrozous	CCGCCCTACTGTACAAGGGCGACCCGGGGCCCCAGCCCCGCGGACGCC	[6307]
Rhogeessa	CCGCCCTTACTGTACAAGGGCGACCCGGGGCCCCAGCCCCGCGGACGTC	[6325]
Noctilio	CCGCCCTCATCTACAAGGGTGATCAGGGCCCCAGCCCCGCGGGCGTCC	[6313]
Natalus	CCGCCCTCGTCTACAAGGGTGACCGGGTCCCCAGCCCCGCGGACGCC	[6310]
Rhinolophus	CCGCCCTCGTCTATAAGGACGACCCGGGGCCCCAGCCCCGTGGGGCGGCC	[6346]
Rousettus	CCGCCCTCGTCTATAAGGGGAGACCAGGGACCCAGCCTCACGGGGCGGCC	[6319]
NycterisT	CCGCCCTCGTCTACAAGGGCGACCAGGGCCCCAGCCCCGCGGACGCC	[6286]
Nyctimene	CCGCCCTCATCTATAAGGGGAGACCAGGGTCCCCAGCCCCGTGGGGCGGCC	[6334]
Mole	CCATCCCTTGTCTACAAGGGCGACCAGGGCCCCAGCCAGTGGGGCGGCC	[6346]
Horse	CCGCCCTTATCTACAAGGGGGAGACCAGGGCCCCAGCCGCGGGGGCGGCC	[6343]
Desmodus	CCGCCCTCGTCTACAAGGGCGACCCGGGGCCCCAGCCCCGTGGGGCGGCC	[6286]
Rhinopoma	CCGCCCTAGTCTATAAGGGGCGACCCGGGGCCCCAGCCCCGCGGGCGGCC	[6355]
Emballonura	CCGCCCTCGTCTACAAGGGCAACCCAGGGCCCCAGCCCCGCGGGCGGCC	[6292]
Cow	CCGCCCTCATCTACAAGGGCGACCAGGGTCCCCAGCCCCGTGGGGCGGCC	[6334]
Pangolin	CCGCCCTTATTTACAAGGGTGACCAGGGTTCGAGCCCCGCGGGCGGCC	[6340]
Whale	CCGCCCTCATCTACAAGGGCGACCCGGGTCCCCAGCCCCAGGGCGGCC	[6334]

[	6410	6420	6430	6440	6450]	
[.]
Tonatia	GCAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCGAGCATCG					[6327]
Myotis	GCAATGCCAGCTCAACCAAGAGACCTGGTACATCCTGGCCTCCAGCTTTG					[6366]
Tadarida	ACAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6354]
Taphozous	ACAGTGCAAGCTCAACCAAGAGGCCTGGTATATCCTGGCCTCCAGCATCG					[6354]
Megaderma	ACAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6369]
Cynoptyerus	GCAGTGCAAGCTCAACCAAGAGGCCTGGTATATCCTGGCCTCCAGCATCG					[6381]
Pteropus	GCAATGCCAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6366]
Hipposideros	ACAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6405]
Cat	GCAGTGCAAACTTAACCAAGAGGCCTGGTACATCCTGGCCTCTAGCATCG					[6408]
Human	CCAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6402]
Mouse	CCAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6300]
Flyinglemur	CCAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6411]
NycterisG	ACAGTGCAAGCTTAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6312]
Antrozous	ACAATGCCAACTCAACCAAGAGACCTGGTACATCCTGGCCTCCAGCTTTG					[6357]
Rhogeessa	ACAATGCCATCTCAACCAAGAGACCTGGTACATCCTGGCCTCCAGCTTTG					[6375]
Noctilio	GCAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCGAGTATCG					[6363]
Natalus	GCAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6360]
Rhinolophus	ACAGTGCAAGCTCAACCAAGAGGCCTGGTATATCCTGGCCTCCAGCATCG					[6396]
Rousettus	GCAGTGTAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6369]
NycterisT	ACAGTGCAAGCTTAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6336]
Nyctimene	GCAATGCCAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6384]
Mole	CCAGTGCAATCTCAATCAAGAGACCTGGTACATCCTGGCCTCCAGCATCG					[6396]
Horse	GCAGTGCAAGCTCAACCAAGAGGCCTGGTATATCCTGGCCTCCAGCATCG					[6393]
Desmodus	GCAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCGAGCATCG					[6336]
Rhinopoma	GCAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6405]
Emballonura	ACAGTGCAAGCTCAACCAAGAGGCCTGGTATATCCTGGCCTCCAGCATCG					[6342]
Cow	TCAGTGCAAGCTCAACCAAGAGGCCTGGTATATCCTGGCCTCCAGCATCG					[6384]
Pangolin	TCAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6390]
Whale	TCAGTGCAAGCTCAACCAAGAGGCCTGGTACATCCTGGCCTCCAGCATCG					[6384]

[	6460	6470	6480	6490	6500]	
[.]
Tonatia	GCTCGTTCTTCGCACCCTGCCTCATCATGATCCTCGTCTACCTGCGCATC					[6377]
Myotis	GGTCCTTCTTCGCCCCCTGCCTCATCATGATCCTCGTCTACCTGCGTATC					[6416]
Tadarida	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTCGTCTACCTGCGCATC					[6404]
Taphozous	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTCGTCTACCTGCGCATC					[6404]
Megaderma	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTCGTCTACCTGCGCATC					[6419]
Cynoptyerus	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTTAGTCTACCTGCGCATC					[6431]
Pteropus	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTTAGTCTACCTGCGCATC					[6416]
Hipposideros	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTCGTGTACCTGCGCATC					[6455]
Cat	GATCTTTCTTCGACCCTGCCTCATCATGATCCTGGTCTACCTGCGCATC					[6458]
Human	GATCTTTCTTCGACCCTGCCTCATCATGATCCTGGTCTACCTGCGCATC					[6452]
Mouse	GATCTTTCTTCGACCCTGCCTCATCATGATCCTCGTCTACCTGCGAATC					[6350]
Flyinglemur	GATCTTTCTTCGACCCTGCCTCATTATGATCCTCGTCTACCTGCGCATT					[6461]
NycterisG	GTTCCTTCTTCGACCCTGCCTCATCATGATCCTTGCTACCTGCGCATC					[6362]
Antrozous	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTYGTCTACCTGCGTATT					[6407]
Rhogeessa	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTCGTCTACCTGCGCATC					[6425]
Noctilio	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTCGTCTACCTGCGCATC					[6413]
Natalus	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTCGTCTACCTGCGCATC					[6410]
Rhinolophus	CGTCCTTCTTCGACCCTGCCTCATCATGGTCTCGTGTACCTGCGCATC					[6446]
Rousettus	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTTAGTCTACCTGCGCATC					[6419]
NycterisT	GCTCCTTCTTCGACCCTGCCTCATCATGATCCTTGCTACCTGCGCATC					[6386]
Nyctimene	GGTCCTTCTTCGACCCTGCCTCATCATGATACTAGTCTACCTTGCATC					[6434]
Mole	GATCTTTCTTCGACCCTGCCTCATCATGATCCTTGCTACCTGCGCATC					[6446]
Horse	GATCTTTCTTCGACCCTGCCTCATCATGATCCTTGCTACCTGCGCATC					[6443]
Desmodus	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTCGTCTACCTACGCATC					[6386]
Rhinopoma	GGTCCTTCTTCGCCCCCTGCCTCATCATGATCCTCGTCTACCTGCGCATC					[6455]
Emballonura	GGTCCTTCTTCGACCCTGCCTCATCATGATCCTCGTCTACCTGCGCATC					[6392]
Cow	GATCTTTCTTCGACCCTGCCTTATCATGATCCTGGTCTACCTGCGCATC					[6434]
Pangolin	GATCTTTCTTCGACCCTGCCTTATCATGATCCTTGCTACCTGCGCATC					[6440]
Whale	GATCTTTCTTCGACCCTGCCTTATCATGATCCTTGCTACCTGCGGATC					[6434]

[	6510	6520	6530	6540	6550]	
[.]
Tonatia	TACCTGATAGCTAAACGTAGCCACCGCAGAGGTCCCAGGGCCAAGGGGGG					[6427]
Myotis	TACCTGATCGCTAGACGTAGCCACCGCAGAGGCCCCAGGGCCAAGGGGGG					[6466]
Tadarida	TACCTGATCGCTAAACGTAGCCACCGCAGAGGTCCCAGGGCCAAGGGGGG					[6454]
Taphozous	TACCTGATCGCTAAACGTAGCCACCGCAGAGGTCCCAGGGCCAAGGGGGG					[6454]

Megaderma	TACCTGATCGCCAAACGCGAGTCACCGCAGAGGTCCCAGGGCCAAGAGGGG	[6469]
Cynopterus	TACCTGATCGCCAAAGCGCAGCCACCGCAGAGGTCCCAGGGCCAAGGGGGG	[6481]
Pteropus	TACCTGATCGCCAAAGCGTAGCCACCGCAGAGGTCCCAGGGCCAAGGGGGG	[6466]
Hipposideros	TACCTGATCGCCAAACGCGAGCCACCGCAGAGGTCCCAGGGCTAAGGGGGG	[6505]
Cat	TACCTGATCGCCAAAGCGCAGCCACCGCAGAGGTCCCAGGGCCAAGGGCCG	[6508]
Human	TACCTGATCGCCAAACGCGAGCAACCGCAGAGGTCCCAGGGCCAAGGGGGG	[6502]
Mouse	TATGTAATGCCAAACGCGAGCCACTGCAGAGGTCTCGGAGCTAAGAGGGG	[6400]
Flyinglemur	TATATGATCGCCAAACGCGCAACCGCAGAGGTCCCAGGGCCAGGGGGGG	[6511]
NycterisG	TACCTGATCGCTAAACGCGAGCCACCGCAGAGGTCCCAGGGCCAAGAGGGG	[6412]
Antrozous	TACCTGATCGCCAGACGTAGCCACCAGAGAGGTCCCAGGGCCAAGAGGGG	[6457]
Rhogeessa	TACCTGATCGCTAGACGTAGCCAACACAGAGGTCCCAGGGCCAAGAGGGG	[6475]
Noctilio	TACCTGATTGCTAAACGTAGCCACCGAAGAAGTCCCAGGGCCAAGGGGAG	[6463]
Natalus	TATCTGATCGCTAAACGTAGCCACCTCAGAAGTCCCAGGGCCAAGAGGGG	[6460]
Rhinolophus	TACCTGATCGCCAAACGCGAGCCACCGCAGAGGTCCCAGGGCCAAGGSGGG	[6496]
Rousettus	TACCTGATCGCCAAAGCGCAGCCACCGCAGAGGTCCCAGGGCCAAGGGGGG	[6469]
NycterisT	TACCTGATCGCTAAACGCGAGCCACCGCAGAGGCCCCAGGGCCAAGAGGGG	[6436]
Nyctimene	TACCTGATTGCCAAGCGTAGCCACCGCAGAGGTCCCAGGGCCAAGGGCGG	[6484]
Mole	TATCTGATTGCCAAACGCGAGCCACTGCAGAGGTCCCAGGGCCAAGGGGAG	[6496]
Horse	TACCTGATTGCTAAACGCGAGCCACCTCAGAGGTCCCAGGGCCAAGGGAGG	[6493]
Desmodus	TACCTGATAGCTAAACGCGAGCCACCGCAGAGGCCCCAGGGCCAAGGGGAG	[6436]
Rhinopoma	TACCTGATCGCTAAACGCGAGCCACCGCAGAGGTCCCAGGGCCAAGAGGGG	[6505]
Emballonura	TACCTGATCGCTAAACGTAGCCACCGTAGAGGTCCCAGGGCCAAGGGGTG	[6442]
Cow	TACCTGATTGCCAAGCGCAGCCACTGCAGAGGCCCCAGGGCCAAGGGGGG	[6484]
Pangolin	TACCTGATCGCCAAACGCGAGCCATCGCAGAGGTCCCAGGGCTAAGTGGGG	[6490]
Whale	TATCTGATCGCCAAAGCGCAGCCACCGCAGAGGTCCCAGGGCCAAGGGGGG	[6484]

[6560 6570 6580 6590 6600]
[.]

Tonatia	CCCTGGGAAGGGTAAATCCAAGCAGCCCCAGGCGGTCCCTGGGGGA----	[6473]
Myotis	TCCTGGGGAGGGTGAATCTAAGCAGCCCTGCCGGGCCCTGGGGGG----	[6512]
Tadarida	ACCTGGGGAGGGTGCATCTAGACAGCCCCGCTCGTCCCTGGGGAA----	[6500]
Taphozous	CCCTGGGGAGGGTGAATCTAAGCAGCCCTGCCGGGTCCCTGGGAGA----	[6500]
Megaderma	CCCTGGGGTGGGTGAGTCTAAGCAGTCCCACCGGGTTCCGGAGGGA----	[6515]
Cynopterus	CCTCAGGGACAGTGAGTCTAAGCAGCCCCACAGGGTCCCTGGGGGA----	[6527]
Pteropus	CCTCAGGGACAATGAGTCTAAGCAGCCCTCACAGGGTCCCTGGGGGA----	[6512]
Hipposideros	CCCTGGGGAGGGTGAATCTAAGCAGCCCCACCGGGTCCCTAGGGGA----	[6551]
Cat	CCCTAGGGAGGGTGAATCTAAGCAGCCCCGCCCCGCTCCCTACTGGA----	[6554]
Human	GCCTGGGGAGGGTGAATCCAAGCAGCCCCGACCCGACCATGGTGGGGCTT	[6552]
Mouse	CTCTGGGGAGGGTGAATCCAAGAAGCCCCGTCGGGCCGCGGGGGAGTTC	[6450]
Flyinglemur	CCCTGGGGAGGGTGAATCCAAGCAGCCCGCCCTGGCCCTGGGGGGCCCT	[6561]
NycterisG	CCCTGGGGAGGGTGAATCTAAGCAGCTCCGCCAGGTTTCTGGGGGA----	[6458]
Antrozous	TTCTGGGGAGGGTGAATCTAAGCAGCCCTGCCGGGTCCCTGGGGGA----	[6503]
Rhogeessa	TCCTGGGGAGGGTGAATCTAAGCAGCCCTGCAGGGTCCCTGGGGGA----	[6521]
Noctilio	CTCTGGGGAGGGTGAATCTAAGCAGCCCCACCCAGTCCCTGGGGGA----	[6509]
Natalus	CCCTGGGGAGGGTGAATCTAAGCAGCCCCGCCCCGCTACTGGGGGA----	[6506]
Rhinolophus	SGCTGGGAAGGATGAGTCTAAGCAACCTGCAGGGTTGCTAGGGGA----	[6542]
Rousettus	CCTCAGGGATAGTGAGTCTAAGCAGCCCCACAGGGTCCCTGGGGGA----	[6515]
NycterisT	CCCTGGGGAGGGTGAATCTAAGCAGTCCGCCAGGTTTCTGGGGGA----	[6482]
Nyctimene	CCTCAGGGACAGTGAGTCTAAGCAGCCCCACAGGGTCCCTGGGGGA----	[6530]
Mole	CCCTGGGAAGAGTAAAGTTAAGCAGTCCCGCCAGGTCCCTGGTGGAACTT	[6546]
Horse	CCCTGGGGAGGGTGGGTCTAAGCAGCCCCACCCAGTCCCTGCAGGAGCTT	[6543]
Desmodus	CCCTGGGGAGGGTAGATCTAAGCAGCCCCACCTGGTCCGCTGGAGGA----	[6482]
Rhinopoma	CCCTGGGAAGGGTGAATCTAAGCAGCCCCGCGGGTGCCTGAGGGA----	[6551]
Emballonura	CCCTGGGGTGGGTGAATCTAAGCAGCCCTCGCCGGGTCCCTGGGAGA----	[6488]
Cow	GCCTGGGGAGAGGGAGTCTAAGCAGCCACACCTGTCCCTGGGGAAAGTTT	[6534]
Pangolin	CCCTCGTGAGGGTGAATCTAAGCAGCCCTGTGGGTCCCTGGGGGA----	[6536]
Whale	CCCTGGGGAGCGTGGGTCTAAGCAGCCCCGCTGTCCCTGGGGAAAGTTT	[6534]

[6610 6620 6630 6640 6650]
[.]

Tonatia	--GCCTCAGTCAAACAGCCAACCCTGGCCTCTCATTGGGCTGCTCCGGGA	[6521]
Myotis	--ACATCGGCCAAACTGCCACCCCTGCCTCCCATCTGGTTGCTTCTGAA	[6560]
Tadarida	--GCCTCTGCCAAACTGCCAACCCCTGGCCTCCCATTGGTTGCTTCTGGA	[6548]
Taphozous	--GCCTCGACAAACTGCCAACCCCTGCCTCCCACCTGGGCTGCTTCTGGA	[6548]
Megaderma	--GCGTCAGCCAAATTGCCAACCCCTGGCCTCTCATCTGGATGCTTCCGGA	[6563]
Cynopterus	--CCGTCA-----ACCTGCCTCTTGTCTGCCTGCTTCTGGA	[6563]
Pteropus	--CCATCA-----ACCATGGCCTCTGTTTGGCTGCCTCTGGA	[6548]
Hipposideros	--GCATCGGCCAAACTGTCAACCTTGGCCTCTCATCAGGCTGCTTCCGGA	[6599]
Cat	--ACTTCAACCAAATGCCAACCCCTGGCCTCT---CTGGCTGCTTCTGGA	[6599]
Human	TGGCTCAGCCAAACTGCCAGCCCTGGCCTCT---GTGGCTTCTGCCAGA	[6599]
Mouse	CAGCCTCGGCTAAAGTGCCACCCCTGGTCTCTCCTCTATCTTCTGTGGA	[6500]

Flyinglemur	TGGCTTCAGCCAAGCTGCCAGCCAGGCCTCTCCGCTGGCTTCTGCGGGA	[6611]
NycterisG	--GCG---GCCAAACTGCCAACGCTGGCCTCCCATTTGGCTGCTTCYGGA	[6503]
Antrozous	--ACGTGCGCCAAACTGCCGACCCCTGGTCTCCCATTTGGTTGCTTCTGAA	[6551]
Rhogeessa	--ACGTGAGCCAAATGCGGACCCCTGGCCTCCCATTTGGTTGCTTCTGAA	[6569]
Noctilio	--ACCTCAGTCAAACCTGCCAACCCCTGGCCTCTCATTTGGCTGCTTCCGGA	[6557]
Natalus	--GCATCAGCCAAACTGCCAACCCCTGGTCTCTCGTTTGGCTGCTTCCACA	[6554]
Rhinolophus	--GCATCAGCCAAACTGTCAAACCCCTGGCCTCTCATGAGGCAGCTTCCGGA	[6590]
Rousettus	--CCGTCA-----ACCCTGGCCTCTTGTCTGGCTGCCTCTGGA	[6551]
NycterisT	--GCG---GCCAAACTGCCAACGCTGGCCTCCCATTTGGCTGCTTCCGGA	[6527]
Nyctimene	--CCGTCA-----ACCCTGGCCTCTTGTCTGGCTACCTCTGGA	[6566]
Mole	TAGCCTCAGCCAAAGTGCCAAACCCCTGGCCGCTCATCTGTTGCTGCCGGA	[6596]
Horse	CAGCCTCAGCCAAACTGCCCACTGTGGCCTCTTGTCTGGCTGCTGCCGGA	[6593]
Desmodus	--GCCTCAGTCAAACAGCCAACCCCTGGCCCCCTATTGGCTGCTTCCGGA	[6530]
Rhinopoma	--CGTTCAGCCAAACTGCCAACCCCTGGCCTCACATCTGCCTGCTTCCGGA	[6599]
Emballonura	--TCTCGGCCAAACTGCCAACCCCTAGCCTCCCATTTGGCTACTTCCGGA	[6536]
Cow	CAGACTCAGCCAAACTGCCAACCTTGGCCTCTCAACTGGCTACTCCTGGA	[6584]
Pangolin	--GCTTCAGCTACACTGCCAACCCCTGGCTTCT---CTGGCCGCTTCTGGA	[6581]
Whale	CAGCCTCAGCCAGATTGCCAACTCTGGCCTCTCAACTGGCTACTGCTGGA	[6584]

[	6660	6670	6680	6690	6700]
[.]

Tonatia	GAGGCCAATGGACACTCCAAGTCC---ACTGGGGAGAAGGAGCAGGGGAG	[6568]
Myotis	GAGGCCAATGGGCTCTCTAAGCCC---ACTGGGGAG---GAGCAGGTAGG	[6604]
Tadarida	GAGGCCAATGGACACTCTAAGCCA---ACTGGGGAAAAGGAGYATGGAGG	[6595]
Taphozous	GAGGCCAATGGACACTCTAAGCCC---ACTGGAGAGAAGGAGCAAGGGGG	[6595]
Megaderma	GAGGCCAACGGACACTCCAAGCCC---AATGGGGAGAAGGAGCAGGAGGG	[6610]
Cynoapterus	GAGGCCGCGACAGCCCTCCAAGCCC---ACTGGGGAGAAGGAGCAGGGGGA	[6610]
Pteropus	GAGGCCAGCAGACACTCCAAGCCC---ACTGGSGAGAAGGAGCAGGGGGA	[6595]
Hipposideros	GAGGCCAACGGACACACCAAGCCC---AATGGGAAGAAGGAGCAGGGGGA	[6646]
Cat	GAGGCCAATGGTCACTCCAAGCCC---ACTGGGGCGAAGGAGGAGGGGGA	[6646]
Human	GAGGTCAACGGACACTCGAAGTCC---ACTGGGGAGAAGGAGGAGGGGGA	[6646]
Mouse	GAGGCTAATGGACACTCCAAGCCT---CCAAGGGAGAAGGAGGAGGGGGA	[6547]
Flyinglemur	GAGGCCAATGGACAGTCCAAACCC---ACTGGGGAGAAGGAGGAGGGGGA	[6658]
NycterisG	GAGGCCAATGGACACTCTAAGCCC---GCTGGGGAGAAGGAGGCAGGG--	[6548]
Antrozous	GAKGCCAATGGACACTCTAAGCCC---ACTGGGAAGAAAGAGCAGGTAGG	[6598]
Rhogeessa	GAGGCCAATGGACACTCTAAGCCC---ACTGGGCAGAAGAGCAAGTAGG	[6616]
Noctilio	GAGGCCAATGGACACTCTAAGTCC---ACCGGGGAGAAGGAGCAAGGGAG	[6604]
Natalus	GAGGCCAATGGACACTCTAAGCCC---ACTGGGGAGAAGGAGCAGGGAGG	[6601]
Rhinolophus	GAGGACAACGAGCACTCCAAGCCC---AATGGGGAGAAGGAGCAGGGGGA	[6637]
Rousettus	GAGGCCAGCAGACACTCCAAGCCC---ACTGGGGAGAAGGAGCAGGGGGA	[6598]
NycterisT	GAGGCCAATGGACACTCTAAGCCC---GCTGGGGAGAAGGAGGCAGGG--	[6572]
Nyctimene	GAGGCCAGCAGACGCTCCAAGCCC---ACTAAGGAGAAGGAGCAGGGGGA	[6613]
Mole	GAGACCAATGGACGCTCCAAGCCC---ACTGGGGAGAAGGAAATGGGGGA	[6643]
Horse	GAGGCCAATGGACACTCCGAGCCC---ACTGGGGAGAAG---GAGGCAGA	[6637]
Desmodus	GAGGCCAATGGACACTCTAAGTCC---ACTGGGGAGAAGGAGCAGGGGAG	[6577]
Rhinopoma	GAGGCCAACGGACACTCCAAGCCC---AATGGGGAGAAGGAGCAGGGGGA	[6646]
Emballonura	GAGGCCAATGGACACTCCAAGCCC---ACTGGAGAGAAGGAGCAAGGGGG	[6583]
Cow	GAGGCCAACGGATGCTCCCAACCTCGCCAGGGGAGAAGGGTACGGGGGA	[6634]
Pangolin	GAGGCCAATGGACACTCCAAGCCC---ATTGGGGAGAAGGAGAGGGGGGA	[6628]
Whale	GAGGCCAATGGATGCTCCAGCCC---ACTGGGCAGAAGGAGCAGGGGGGA	[6631]

[	6710	6720	6730	6740	6750]
[.]

Tonatia	GACCCCTGAAGACCCCTGCGAGCCCTGCCTTGCCACCCAGCTGGCCTTCCC	[6618]
Myotis	GACCCCTGAAGATCCTGGGAACCCAGCCTTGCCATCCAGCTGGCCTGCC	[6654]
Tadarida	GACCCCTGAAGATCCTGGGAACCCGCGCTTGCCACCCAGTTGGCCCGCCC	[6645]
Taphozous	GACCCCTGAAGATCCTGGGAGCCCTGCCTTGCCACCCCTGCTGGCCTGCC	[6645]
Megaderma	GACCCCTGACGATCCTGGGAGCCCTACCTTGACACCCAGATGGCCTACCT	[6660]
Cynoapterus	AACC---GAAGATCCTGGGAGCCCTGCCCTGCCACCTAGCTGGCCTGCC	[6657]
Pteropus	GACC---GAAGATCCTGRGAGCYCCGCCCTGCCACCCAGCTGGCCTGCC	[6642]
Hipposideros	GACCCCTGAAGATCCTGGGAGCCCTACCTTGCCACCCACCTGGCCTGCC	[6696]
Cat	GACCCCTGAAGATCCTGCCACCCCTGCCTTGCCACCCAGCTGGTCCGCC	[6696]
Human	GACCCCTGAAGATACTGGGACCCGGGCTTGCCACCCAGTTGGGCTGCC	[6696]
Mouse	GACCCCTGAAGATCCCGAAGCCAGGGCTTTGCCACCCAATTGGTCTGCC	[6597]
Flyinglemur	GATCTCTGAAGATCCTGGGACCCAGACCTTGCCACCCAGCTGGACTGCTC	[6708]
NycterisG	-ACCCCTGAAGATTCTGGGAGCCCCACCTTGCCACCCAGCTGGCCTGCC	[6597]
Antrozous	GACCCCTGAAGATCCTGGGAACCCAGCCTTGCCATCCAGCTGGCCTGCC	[6648]
Rhogeessa	GACCCCTGAAGATACTGGGAACCCAGCCTTGCCATCCAGCTGGCCTGTCC	[6666]
Noctilio	GACCCCTGAAGACCCCTGGGAGCCACCTTGCCACCCAGCTGGCCTGCC	[6654]
Natalus	GACCCCTGAAGACCCCTGGAAACTCTGTTTGGCCACCAACTGGCCTGCC	[6651]
Rhinolophus	GACCCCTGAAGATCCTGGGATCCCCACCTTGCCACCCATCTGGCCTGCC	[6687]

Rousettus	GACG---GAAGATCCTGGGAGCCCTGCCTGCCACCTAGCTGGCCTGCC	[6645]
NycterisT	-ACCCCTGAAGATTCTGGGAGCCCCACCTTGCCACCCAGCTGGCCTGCC	[6621]
Nyctimene	AAC---GAAGATCCTGGGAGCCCTGTCTGCCACCCAGCTGGCCTGACC	[6660]
Mole	GACCCCTGAAGATTCTGGAACTTCTACCTTGCCACCCAGCTGGCCTGTCT	[6693]
Horse	GACCCCTGAAATCTGGGAGCCCTGCCTTGCC?CCAGCTGGCCTGCC	[6687]
Desmodus	GACCCCTGAAGATCCTGGGAGCCCCGCCTTGCCACCCAGCTGGACTTCCC	[6627]
Rhinopoma	GACCCCTGAAGATCCTGGGAGCCCACTTGCCACCCAGCTGGTCTGCC	[6696]
Emballonura	GACCGTGAAGATCCTGGGAGCCCTGCCTTGCCACCCAGCTGGCCTGCC	[6633]
Cow	GACCCCTGAAGCCCTGGCACTCCTGCCTTGCCACCCAGCTGGCCTGCCA	[6684]
Pangolin	GACCCCTGAAGATCCAGGACTCCCGCCTTGCCACCCAGCTGGTCTGCC	[6678]
Whale	GACCCCTGAAGACCTGGGACCCCGCCTTGCCCCCAGCTGGCCTGCC	[6681]

[6760 6770 6780 6790 6800]
[.]

Tonatia	TTCCCCAAGCACACCAGGACCCGAAGGAAGGTGTCTGTGGACCATCTCCT	[6668]
Myotis	TTCCCCATGCAGACCAGGGTCCAAAGGAAGGTGTTTGTGGGGCGTCTCCA	[6704]
Tadarida	TTCCCCATGCAGGCCAGGGCTGAAGGAAGGTGTTTGTGAGGCATCTCCA	[6695]
Taphozous	TTCCCCATGCAGGCCAGGGACCGAAGGAAGGTGTTTGTGGGGCATCCCCG	[6695]
Megaderma	TTCCCCAGGCAGGCCAGGGTCGAAGGAAGGAGTTTGTGGGGCATCTCTG	[6710]
Cynopterus	TTCCCCATGGAGGCCAGAGTCCGAAAGAAGCAGTTTGTGGGGTGTCTCTG	[6707]
Pteropus	TTCCCCATGCAGGCCAGAGTCCGAAGGAAGCAGTTTGTGGGGTGTCTCTG	[6692]
Hipposideros	TTCCCCATGCAGGCCAGGGTCCGAAGGAAGGAGTTTGTGGAGTGTCTCCG	[6746]
Cat	TTCCCAACTCAGGCCAGGGTCCGAAGGAAGGTGTTTGTGGGGCATCTCCA	[6746]
Human	TTCCCAACTCAGGCCAGGGCCAGAAGGAGGGTGTGTTTGTGGGGCATCTCCA	[6746]
Mouse	TGCCCAGATCAGTCCAGGACCCAGAAGGAAGGGACTAGTGGGGCAACTGCA	[6647]
Flyinglemur	TTCCCAACTCAGGCCAGGGCCAGAAGGAGGGTGTGTTTGTGGGGCGTCTCCA	[6758]
NycterisG	TTCCCCATGCAGGCCCTTGGACCGAAGGAAGGTGTGTGTGGAGCGTCTCCA	[6647]
Antrozous	TCCCCATGCAAACCAGGGTCCAAAGGAAGGTGTTTGTGGAGTGTCTCCA	[6698]
Rhogeessa	TCCCCATGCAGACCAGGGTCCAAAGGAAGGTGTTTGTGGGGTGTCTCCG	[6716]
Noctilio	TTCCCCATGAGGGCCAGGGTCCAAAGGAAGGTGTGGTGGGGTGTCTCCA	[6704]
Natalus	TTCCCCATGCAGGCCAGGGACAAAAGGAAGGTGTTTGTGGGGCATCTGTG	[6701]
Rhinolophus	TTCCCCACGCAGGCCAGGGTCCACGGAAGGAGTTTGTGGGGCGTCTCCA	[6737]
Rousettus	TTCCCCATGCAGGCCAGAATCTGAAGGAAGCAGTTTGTGGGGTGTCTCTG	[6695]
NycterisT	TTCCCCATGCAGGCCCTTGGGCCGAAGGAAGGTGTGTGTGGAGCGTCTCCA	[6671]
Nyctimene	TTCCCCATGCAGGCCAGAGTCTGAAGGAAGCAGTTTGTGGGGTGTCTCTG	[6710]
Mole	TTCCCAACTCAGGCCAAGATCAAAGGAAGGTATTTTGTGAGGCATCTCTG	[6743]
Horse	TTCTAGTTTTCAGGCCAGGATCAGAAGGAAGGAGTTTGTGGGGCATCTCTG	[6737]
Desmodus	TTCCCCGTGCATGCCAGGATCTGAAGGAAGGTGTCTGTGGACCATCTCTA	[6677]
Rhinopoma	TTCTCCCCCAGGCCAGGATCCGAAGGAGGGAGTTTGTGGGGCATCTCTG	[6746]
Emballonura	TTCCCCATGCAGGCCAGGGAGGGAAGCAAGGTGTTTGTGGGGCTTCCCCA	[6683]
Cow	TCCCCAAGTCCAGGCCAGGGTCCGAAGGAAGGGGTCTGTGGTTTCATCTCCG	[6734]
Pangolin	TTCCCAACTCAGTCCAGGGTCCGAAGGAAGGTGTTTGTGGGGCATCTCCG	[6728]
Whale	GTCCCAGTCCAGGCCAGAGTCCGAAGGAAGGTGTGGTGGGACATCTCCA	[6731]

[6810 6820 6830 6840 6850]
[.]

Tonatia	GAGGATGAAGTTGGAGAGGAGGAGGAGGAAGAGGAGGAGGAGGATGA	[6718]
Myotis	GAGGAGGAAGTTGAAGAGGAGGAGGAGGAAGAGGAGGAGGAG-----	[6746]
Tadarida	GAGGAGGACGTTGGAGAGGAGGAGGAAGAGGAGGAGGAGGAGCAG-----	[6737]
Taphozous	GAGGAGGAAGTTGGAGAGGAGGAGGAGGATGACGAG-----	[6731]
Megaderma	GAGGAGGAAGCTGGTGGAGAGGAGGAGGAAGAGGAGGAGGAG-----	[6752]
Cynopterus	GAGGAGGAGATTGGGAGGAGGAGGAGGAGGAG-----	[6737]
Pteropus	GAGGAGGAGGKTGGGAGGAGGAGGATGAG-----	[6722]
Hipposideros	GAGGAGGAAGCTGGTGGGAAGGAGGAAGATGAG-----	[6779]
Cat	GAGGAAGAAGC---CGAGGAGGAGGAGGAAGAG-----	[6776]
Human	GAGGATGAAGCTGAAGAGGAGGAAGAGGAGGAGGAGGAGGAGGAAGAG--	[6794]
Mouse	GAGAAGGGAGCTGAAGAGGATGAAGAGGAGGTGGAAGAA-----	[6686]
Flyinglemur	GGGAGGAGGCTGAGGAGGCTGAGGAGGAG-----	[6788]
NycterisG	GAGGAGGAAGTTAGAGAAGAGGAGGAGGAAGATGAG-----	[6683]
Antrozous	GAGGAGGAAGTTGAAGAGGAGGAGGAGGAGGAG-----	[6731]
Rhogeessa	GAGGAGGAAGTTGAAGAGGAGGAGGAGGAGGAGGAAGAGGAAGAG-----	[6761]
Noctilio	GAAGAAGAAGTTGGAGAGGAGGAGGAGGAAGAGGAGGAGGAGGAGGATGA	[6754]
Natalus	GAGGAGGAAGTTGGAGAGGAGGAGGAGGAAGTTGGAGAGGAGGAGGAGGA	[6751]
Rhinolophus	GAAGAGGACGCTGGCAGGAAGAGGAGGATGAG-----	[6770]
Rousettus	GAGGAGAAATGTTGAGGAGGAGGAGGACAAG-----	[6725]
NycterisT	GAGGAGGAAGTGGAGAGAGGAGGAGGAGGAAGATGAG-----	[6707]
Nyctimene	GAGGAGGAGGTTGGGAGGAGGAGGTTGGGAGGAGGAGGAGGAG-----	[6755]
Mole	GAGGAAGAAGCTGAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAAGA	[6793]
Horse	GAGGAGGAAGCTGAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGG	[6787]
Desmodus	GAAGATGAAGTTGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGATGACGA	[6727]
Rhinopoma	GAGGAGGAAGCTGGTGGAGGAGGAGGAGGAGGAGGAGGAGGATGAG-----	[6791]

Emballonura GAGGTGGAAGTTGGAGAGGAGGAGGAGGATGACGAG----- [6722]
 Cow GAGGAGGAGGCAGAAGAGGAGGAAGAAGAGGGT----- [6767]
 Pangolin GAGGAGGAAGCTGAAGAGGAGGAGGAGGAGGAGGAGGAGGAAGAGGAT-- [6776]
 Whale GAGGAGGAGGGGGCTGAAGAGGAGGAGGAGGAGGG----- [6767]

[6860 6870 6880 6890 6900]
 [.]

Tonatia G-----TGTGAGCCTCAG---GCCTTGCCAGCAT [6744]
 Myotis -----TGTGACCTCAA---GCCTTGCCAGTCT [6771]
 Tadarida -----TGTGAGCCTCAG---GCCTTGCCAGCGT [6762]
 Taphozous -----TGTGAGCCTCAG---GCCTTGCCAGCGT [6756]
 Megaderma -----TGTGAGCCTCAG---GTCTTGCCAGCGT [6777]
 Cynopterus -----TGTGAGCCTCAG---GCCCTGCCAGCTT [6762]
 Pteropus -----TGTGAGCCTCAG---GCCCTGCCAGCGT [6747]
 Hipposideros -----TGTGAGCCTCAG---GTCTTGCCAGCGT [6804]
 Cat -----TGTGAGCCTCGG---GCCTTGCCAGCAT [6801]
 Human -----TGTGAACCCAG---GCAGTGCCAGTGT [6819]
 Mouse -----TGTGAACCCAA---ACACTGCCAGCTT [6711]
 Flyinglemur -----TGTGAGCCAG---GCCCTGCCAGTGT [6813]
 NycterisG -----TGTGAGCCTCAG---GCCTTGCCAGTGT [6708]
 Antrozous -----TGTGACCTCAG---GCCTTGCCAGTAT [6756]
 Rhogeessa -----TGTGACCTCAG---GCCTTGCCAGCAT [6786]
 Noctilio G-----TGTGAGCCTCAG---GCCTTGCCAGCAT [6780]
 Natalus AGAGGAGGAGGACAGG-----TGTGAGCCTCAG---GCCTTGCCAGCAA [6792]
 Rhinolophus -----TGTGAGCCTCAG---GTCTTGCCAGTGT [6795]
 Rousettus -----TGTGAGCCTCAG---GCCCTGCCAGCTT [6750]
 NycterisT -----TGTGAACCTCAG---GCCTTGCCAGTGT [6732]
 Nyctimene -----GGTGAGCCTCAGGATGCCCTGTCAGCAT [6783]
 Mole G-----TGTGAGCCTCAG---GCCTTGCCAGCAT [6819]
 Horse GGAGGAAGAG-----TGTGAGCCTCAG---GCCTTGCCAGCAT [6822]
 Desmodus TGAG-----TGTGAGCCTCAG---GCCTTGCCAGCAT [6756]
 Rhinopoma -----TGTGAGCCTCAG---GTCTTGCCAGCGT [6816]
 Emballonura -----TGTGAGCCTCAG---GCCTTGCCAGCAT [6747]
 Cow -----TGTGAGCCGAG---GCCTTGCCAGCGT [6792]
 Pangolin -----CATGAGCCTCAG---GCCTTGCCAGCGT [6801]
 Whale -----TGTGAGCCGAAG---GCCTTGTCAGCGT [6792]

[6910 6920 6930 6940 6950]
 [.]

Tonatia CCCCTGCCTCAGCTTGCAACCCATCCCTGCAGCAGCCACAGGGCTCCCAG [6794]
 Myotis CCCTGCCTCAGCTTGCAAGCCACGCCTGCAGCAGCCGAGGGCTCCCAG [6821]
 Tadarida CCCTGCCTCAGCTTGCAAGTCCACCCCTGCAGCAGCCACAGGGCTCCCAA [6812]
 Taphozous CCCAGCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6806]
 Megaderma CCCTGCCTCAGCTTGCAAGCCCCCCTGCAGCAGCCACAGGGTCCCAG [6827]
 Cynopterus CCCTGCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6812]
 Pteropus CCCTGCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCAG [6797]
 Hipposideros CCCCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6854]
 Cat CTCCTGCCTCCGCTGTAGCCACCCCTGCAGCAGCCGAGGGTCCCAG [6851]
 Human CTCGGCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6869]
 Mouse CTCCTGCCTCAGTATTCAACCCACCTTGCAAGCAGCCACAGGGCTCCCAG [6761]
 Flyinglemur CTCTGCCTCAATTTGCAAGCCACCCCTGCAGCAGCCGAGGGCTCCCAG [6863]
 NycterisG CCCCTGCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6758]
 Antrozous CCCTGCCTCCGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6806]
 Rhogeessa CCCTGCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6836]
 Noctilio CCCTGCCTCCGCTTGCAACCCATCCCTGCAGCAGCCGAGGGCTCCCAG [6830]
 Natalus TCCTGCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6842]
 Rhinolophus CACCTGCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6845]
 Rousettus CCCTGCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6800]
 NycterisT CCCTGCCTCCGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6782]
 Nyctimene CCCTGCCTCAGCTTGCAAGCCCTCCTGCAGCAGCCACAGGGCTCCCAG [6833]
 Mole CTCCTGCCTCCGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6869]
 Horse CTCCTGCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6872]
 Desmodus CCCCTGCCTCAGCTTGCAACCCATCCCTACATCAGCCACAGGGCTCCCAG [6806]
 Rhinopoma CCCCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6866]
 Emballonura CCCAGCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6797]
 Cow CTCCTGCCTCAGCTTGCAAGCCGCTTGCAAGCAGCCACAGGGTCCCAG [6842]
 Pangolin CTCCTGCCTCCGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6851]
 Whale CTCCTGCCTCAGCTTGCAAGCCACCCCTGCAGCAGCCACAGGGCTCCCAG [6842]

[6960 6970 6980 6990 7000]
 [.]

Tonatia	GTGCTGGCCACCCTGCGTGGCCAGGTGCTCCTGAGCAGGGGTATGGGTGC	[6844]
Myotis	GTGCTGGCCACCCTGCGTGGCCAGGTGCTCCTGGGCCGGGGTATGGACGC	[6871]
Tadarida	GTGCTGGCCACCCTTCGTGGCCAGGTGCTCCTGAGCAGGGGTATGGGTGC	[6862]
Taphozous	GTGCTGGCCACCCTGCGTGGCCAGGTGCTCCTGGGCAGGGGTATGGGTGC	[6856]
Megaderma	GTGCTGGCCACCCTGCGTGGCCAGGTGCTGCTGGGCAGGGGCATGGGTGC	[6877]
Cynoapterus	GTCTGGCCACCCTGCGTGGCCAGGTGCTCCTGGGTAAGGGCCTGGGCAC	[6862]
Pteropus	GTGCTGGCCACCCTGCGTGGCCAGGTGCTCCTGGGCAGGGGCATGGGCAC	[6847]
Hipposideros	GTGCTGGCCACCCTGCGTGGCCAGGTGCTGCTGGGCAGGGGCATGGGCGC	[6904]
Cat	GTGCTGGCAACTACGTGGCCAGGTGCTCCTGGGCAGGGGCGTGGGCAC	[6901]
Human	GTGCTGGCCACCCTACGTGGCCAGGTGCTCCTGGGCAGGGGCGTGGGTGC	[6919]
Mouse	GTGCTGGCCACGCTACGTGGCCAGGTGCTTCTGAGCAAGAATGTGGGTGT	[6811]
Flyinglemur	GTGCTGGCCACCCTACGTGGCCACGCTCCTGGGCAGGGGTATGGGTGC	[6913]
NycterisG	GTGCTGGCCACCCTGCGTGGCCAGGTGCTCCTGGGCAGGGGTATGGGCAC	[6808]
Antrozous	GTGCTGGCCACCCTGCGTGGCCAGGTGCTTCTGGGCAGGGATATGGACGC	[6856]
Rhogeessa	GTGTTGGCCACCCTGCGTGGCCAGGTGCTCCTGGGTAGGGGTATGGACGC	[6886]
Noctilio	GTGCTGGCCACCCTTCGTGGCCAGGTGCTTCTGGGCAGGGGTATGGGTGC	[6880]
Natalus	GTGCTGGCCACTTTCGTGGCCAGGTGCTCCTGGGCAGGCATATGGGTGC	[6892]
Rhinolophus	GTGCTGGCCACCCTGCGTGGCCAGGTGCTGCTGGGCAGGGGCATGGGAGC	[6895]
Rousettus	GTGCTGGCCACCCTGCGAGGCCAGGTGCTCCTGGCCAGGGGCATGGGCAC	[6850]
NycterisT	GTGCTGGCCACCCTGCGTGGCCAGGTGCTCCTGGGCAGGGGTATGGGCAC	[6832]
Nyctimene	GTGCTGGCCACCCTGCGTGGCCAGGTGCTCCTGGGCAGGGGCATGGGCAC	[6883]
Mole	GTGCTGGTACCCTCCGTGGCCAGGTGCTCCTCGGCAGGGGTGCTGGCGC	[6919]
Horse	GTGCTGGCGACCCTACGTGGCCAGGTGCTCCTGGGCAGGGGTATGGCCAC	[6922]
Desmodus	GTGCTGGCCACCCTGCGTGGCCAGGTGCTCCTGGGCAGGGGTATGGGAGC	[6856]
Rhinopoma	GTGCTGGCCACGCTGCGTGGCCAGGTGCTGTTGGGCAGGGGCATGGGTGC	[6916]
Emballonura	GTGCTGGCCACCCTGCGTGGCCAGGTGCTCCTGGGCAGGGGTATGGGCGC	[6847]
Cow	GTGCTGGCAACCCTGCGTGGCCAGGTGCTCCTGGGCAGGGGCACAGGCAC	[6892]
Pangolin	GTGCTGGCGCACTGCGTGGCCAGGTGCTTCTGGGCAGGGGCGTGGGC	[6901]
Whale	CTGCTGGCCACCCTACGTGGCCAGGTGCTCCTGGGCAGGGGCAGGGGCAC	[6892]

[7010 7020 7030 7040 7050]
[.]

Tonatia	TGCC-----AGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAGC	[6879]
Myotis	TGCA-----GGTGAAGTGGTGG---CGTCGGCGTCGGCGGGCTCAGC	[6912]
Tadarida	TGGG-----GGTGGACGTTGGTGG-----CGAAGCGGGCTCAGC	[6897]
Taphozous	TGCA-----AGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAGC	[6891]
Megaderma	TATG-----GGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAGC	[6912]
Cynoapterus	TGCA-----AGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAGC	[6897]
Pteropus	TGCA-----GGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAGC	[6882]
Hipposideros	TGCA-----GGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAGC	[6939]
Cat	CTCG-----AGCGGGCAGTGGTGG-----CGCGCGCGGGCGCAGC	[6936]
Human	TATA-----GGTGGGCAGTGGTGG-----CGTCGAAGGGCGCAGC	[6954]
Mouse	GGCC-----AGTGGGCAGTGGTGG-----CGCCGTCGGACACAGC	[6846]
Flyinglemur	TGTG-----GGCGGGCAGTGGTGG-----CGTCGGCGGGCGCAGC	[6948]
NycterisG	CGCG-----GGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAGC	[6843]
Antrozous	TGCA-----AGTGGGAAGTGGTGG---CGGTGGCGRAGGCGGGCTCAGC	[6897]
Rhogeessa	TGCA-----AGTGGGAAGTGGTGG---CGGTGGCGRAGGCGGGCTCAGC	[6930]
Noctilio	TTCG-----GGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAGC	[6915]
Natalus	TGCA-----GGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAGC	[6927]
Rhinolophus	TGCA-----GGTGGGCAGTGGTGG-----CGCCGACGGGCTCAGC	[6930]
Rousettus	TGCA-----GGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAAC	[6885]
NycterisT	GGTG-----GGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAGC	[6867]
Nyctimene	TGCA-----AGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAGC	[6918]
Mole	TGCA-----AGTGGGCAGTGGTGG-----CGTCGGCGGACACAGC	[6954]
Horse	TGCA-----GGTGGGCAGTGGTGG-----CGCGGGCGGGCACAGC	[6957]
Desmodus	TGCG-----GGTGGGCAGTGGTGG-----CGTCGGCGGGCTCAGC	[6891]
Rhinopoma	TGCA-----GGTGGGCAATGGTGG-----CGTCGGCGGGCTCAGC	[6951]
Emballonura	TGCA-----AGTGGTCAGTGGTGG-----CGTCGGCGAGCTCAGC	[6882]
Cow	TGCA-----GGGGCGCAGTGGTGG-----CGCGGGCGGACGCAGC	[6927]
Pangolin	TGCTGTGGGTAGTGGGCAGTGGTGG-----CGTCGGCGGGCGCAGC	[6942]
Whale	TGCG-----GGGGGGCAGTGGTGG-----CGCGGGCGGACGCAGC	[6927]

[7060 7070 7080 7090 7100]
[.]

Tonatia	TGACCAGGGAGAAGAGGTTACCTTTTGTGCTGGCTGTGGTCATTGGCGTC	[6929]
Myotis	TGACCCGGGAGAAGCGGTTACCTTTTGTGCTGTCTGTGGTCATAGGCGCC	[6962]
Tadarida	TGACCCGGGAGAAGCGGTTACCTTTTGTGCTGGCCGTGGTCATAGGCGTC	[6947]
Taphozous	TGACACGGGAGAAGCGGTTACCTTTTGTGCTGGCCGTGGTCATAGGTC	[6941]
Megaderma	TGACCCGAGAGAAGCGGTTACCTTTTGTGCTGGCCGTGGTCATCGGTGTC	[6962]
Cynoapterus	TGACCCGGGAGAAGCGGTTACCTTTTGTGTTGGCAGTGGTCATTGGTGTGTC	[6947]

Pteropus	TGACCCGGGAGAAGCGGTTACCTTTGTGTGGCAGTGGTCATYGGCGTC	[6932]
Hipposideros	TGACCCGAGAGAAGCGGTTACCTTTGTGTGGCGGTGGTCATTGGCGTC	[6989]
Cat	TGACTCGGGAGAAGCGGTTACCTTCGTGCTGGCCGTGGTCATCGGCGTT	[6986]
Human	TGACCCGGGAGAAGCGGTTACCTTCGTGCTGGCTGTGGTCATTGGCGTT	[7004]
Mouse	TGAGCCGAGAGAAGAGGTTACCTTTGTGTGGCGGTGGTCATTGGTGTT	[6896]
Flyinglemur	TGAGTCGGGAGAAGCGGTTACCTTCGTGCTGGCCGTGGTCATCGGCGCC	[6998]
NycterisG	TGACCCGGGAGAAGCGGTTACCTTTGTGTGGCTGTGGTCATAGGCGTC	[6893]
Antrozous	TGACCCGGGAGAAGCGGTTACCTTTGTGTGTCTGTGGTCATAGGCGCC	[6947]
Rhogeessa	TGACCCGAGAGAAGCGGTTACCTTTGTGTATCTGTGGTCATAGGCACC	[6980]
Noctilio	TGACCCGGGAGAAGAGGTTACCTTTGTGTGGCCGTGGTCATAGGCGTC	[6965]
Natalus	TGACCCGGGAGAAGCGGTTACCTTTGTGTGGCTGTGGTCATAGGCGTC	[6977]
Rhinolophus	TGACCCGAGAGAAGCGGTTACCTTTGTGTGGCAGTGGTCATTGGCGTC	[6980]
Rousettus	TGACCCGGGAGAAGCGGTTACCTTTGTGTGGCAGTGGTCATTGGCGTC	[6935]
NycterisT	TGACCCGGGAGAAGCGGTTACCTTTGTGTGGCTGTGGTCATAGGCGTC	[6917]
Nyctimene	TGACCCGGGAGAAGCGGTTACCTTTGTGTGGCAGTGGTCATTGGTGTC	[6968]
Mole	TATCCCGGAGAAGCGGTTACCTTCGTGCTGGCCGTAGTCATTGGTGTC	[7004]
Horse	TGACTCGGGAGAAGCGGTTACCTTCGTGCTGGCCGTGGTCATTGGCGTC	[7007]
Desmodus	TGACCCGGGAGAAGAGGTTACCTTTGTGTGGCCGTGGTCATTGGCGTC	[6941]
Rhinopoma	TGACCCGAGAGAAGCGGTTACCTTTGTGTGGCGGTGGTCATCGGCGTC	[7001]
Emballonura	TGACCCGGGAGAAGCGGTTACCTTTGTGTGGCCGTGGTCATAGGCGTC	[6932]
Cow	TGAGCCGAGAGAAGAGGTTACCTTCGTGCTGGCTGTGGTCATCGGTGTC	[6977]
Pangolin	TGACCCGGGAGAAGCGGTTACCTTTGTGTGGCTGTGGTGATTGGTGTC	[6992]
Whale	TGACCCGGGAGAAGCGGTTACGTTTCGTGCTGGCCGTGGTCATCGGCGTC	[6977]

[7110 7120 7130 7140 7150]
[.]

Tonatia	TTCTGTCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGTCTGGGTGCCAT	[6979]
Myotis	TTTCATGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGTCTGGGTGCCAT	[7012]
Tadarida	TTTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTGGGTGCCAT	[6997]
Taphozous	TTTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGTCTGGGTGCCAT	[6991]
Megaderma	TTCTGTGCTGTGTTGGTTCCCTTCTTCTTCAGCTACAGTCTGGGTGCCAT	[7012]
Cynopterus	TTTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTGGGTGCCAT	[6997]
Pteropus	TTTGTCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTCGGTGCCAT	[6982]
Hipposideros	TTCTGTGCTCTGTTGGTTCCCGTTCTTCTTCAGCTACAGCCTGGGTGCCAT	[7039]
Cat	TTTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTATAGCCTGGGTGCCAT	[7036]
Human	TTTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTGGGCGCCAT	[7054]
Mouse	TTTGTGGTCTGTTGGTTTCCCTTCTTCTTCAGCTACAGCCTGGGGGCCAT	[6946]
Flyinglemur	TTTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTGGGCGCCAT	[7048]
NycterisG	TTCTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTATAGCCTGGGTGCCAT	[6943]
Antrozous	TTTCATGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGTCTGGGTGCCAT	[6997]
Rhogeessa	TTTCATGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGTCTGGGTGCCAT	[7030]
Noctilio	TTTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTGGGTGCCAT	[7015]
Natalus	TTCTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGTCTGGGTGCCAT	[7027]
Rhinolophus	TTCTGTGCTCTGTTGGTTCCCTTCTTCTTCAGCTACAGCCTGGGTGCCAT	[7030]
Rousettus	TTTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTCGGTGCCAT	[6985]
NycterisT	TTCTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTATAGCCTGGGTGCCAT	[6967]
Nyctimene	TTTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTCGGTGCCAT	[7018]
Mole	TTTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTGGGTGCCAT	[7054]
Horse	TTCTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTGGGTGCCAT	[7057]
Desmodus	TTTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTGGGTGCCAT	[6991]
Rhinopoma	TTCTGTGCTCTGTTGGTTCCCTTCTTCTTCAGCTACAGCCTG??????	[7051]
Emballonura	TTTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGTCTGGGTGCCAT	[6982]
Cow	TTCTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTGGGTGCCAT	[7027]
Pangolin	TTCTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTGGGTGCCAT	[7042]
Whale	TTCTGTGCTCTGCTGGTTCCCTTCTTCTTCAGCTACAGCCTGGGTGCCAT	[7027]

[7160 7170 7180]
[. . .]

Tonatia	CTGCCACAGCACTGCAAGGTGCCCCATGGCCTTTTC	[7016]
Myotis	CTGCCGAAGCACTGCAAGGTGCCGCAAGGCCTTTTC	[7049]
Tadarida	CTGCCACAGCACTGCAAGGTGCCCCATGGCCTTTTC	[7034]
Taphozous	CTGCCGCAAGCACTGCAAGGTGCCCCATGGTCTTTTC	[7028]
Megaderma	CTGCCGCAAGCACTGCAAGGTGCCCCATGGCCTTTTC	[7049]
Cynopterus	CTGCCACAACACTGCAAGGTGCCCCATGGCCTTTTC	[7034]
Pteropus	CTGCCGCAAGCACTGCAAGGTGCCCCATGGCCTTTTC	[7019]
Hipposideros	CTGCCACAGCACTGCAAGGTGCCCCATGGCCTTTTC	[7076]
Cat	CTGCCACAGCACTGCAAGGTGCCCCATGGCCTTTTC	[7073]
Human	CTGCCGAAGCACTGCAAGGTGCCCCATGGCCTTTTC	[7091]
Mouse	CTGCCACAGCACTGCAAGGTACCCCATGGCCTTTTC	[6983]
Flyinglemur	CTGCCCTCAGCGCTGCAAGGTACCCCATGGCCTTTTC	[7085]
NycterisG	CTGCCACAGCACTGCAAGGTGCCCCATGGCCTTTTC	[6980]

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Antrozous      CTGCCCAGCAAGCACTGCAAGGTGCCACAAGGCCTTTTC [ 7034 ]
Rhoqeessa     CTGCCCAGCAAGCACTGCAAGGTGCCACAAGGCCTTTTC [ 7067 ]
Noctilio      CTGCCCACAGCATGCAAGGTCCCCCATGGCCTCTTC [ 7052 ]
Natalus       CTGCCCACAGCACTGCAAGGTACCCCATGG?????? [ 7064 ]
Rhinolophus   CTGCCCACAGCACTGCAAGGTGCCCCATGGCCTGTTTC [ 7067 ]
Rousettus     CTGCCCAGCAAGCACTGCAAGGTGCCCCATGGCCTTTTC [ 7022 ]
NycterisT     CTGCCCACAGCACTGCAAGGTGCCCCATGGCCTTTTC [ 7004 ]
Nyctimene     CTGCCCAGCAAGCACTGCAAGGTGCCCCATGGCCTTTTC [ 7055 ]
Mole          CTGCCCACAGCAATGCAAGGTGCCCCATGACCTCTTC [ 7091 ]
Horse         CTGCCCCAGCACTGCAAGGTGCCCCACGGCCTCTTC [ 7094 ]
Desmodus      CTGCCCACAGCACTGCAAGGTGCCCCATGGCC????? [ 7028 ]
Rhinopoma     ????????????????????????????????????? [ 7088 ]
Emballonura   CTGCCCAGCAAGCACTGCAAGGTGCCCCACAGCCTGTTTC [ 7019 ]
Cow           CTGCCCAGCAAGCACTGCAAGGTGCCCCACGGCCTCTTC [ 7064 ]
Pangolin      CTGCCCACAGCACTGCAAGGTGCCCCACGGTCTCTTC [ 7079 ]
Whale         CTGCCCTCAGCACTGCAAGGTGCCCCACGGCCTCTTC [ 7064 ]
;
END;

```

```
BEGIN ASSUMPTIONS;
```

```

CHARSET brca1 = 1-2882;
CHARSET rag1 = 2883-3958;
CHARSET rag2 = 3959-4712;
CHARSET vwf = 4713-5954;
CHARSET a2ab = 5955-7187;
CHARSET rag1_and_rag2 = 2883-4712;
CHARSET Ambiguous_BRCA1 = 2350-2413;
CHARSET Ambiguous_A2AB = 6813-6872;

```

```
END;
```