

Introducción a R (II)

FSC

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Antes de empezar...

Los materiales de esta clase han sido preparados utilizando dos libros que están disponibles bajo licencia OUP y que os invito a explorar:

Hands-on programming with R <https://rstudio-education.github.io/hopr/>

Data Science with R <https://rafalab.github.io/dsbook/>

Paquetes en R

Ya hemos hablado acerca de una de las principales características de R: las funciones se construyen a partir del propio lenguaje y juntas conforman diferentes paquetes, que no son mas que conjuntos de funciones específicas para un cierto tema. Un paquete contiene código, documentación, ejemplos de uso y datasets.

Los paquetes de R pueden ser de uso personal o compartidos con la comunidad a través fundamentalmente de 3 tipos de repositorios:

- CRAN: Es el repositorio oficial y consiste en una red de ftp y web servers mantenidos por la comunidad de R en todo el mundo. Para que un paquete pueda ser distribuido a través de CRAN necesita pasar una serie de requerimientos.
- Bioconductor: Es una colección de paquetes específicos de análisis de datos biomédicos y también mantenidos y testados por un grupo específico de expertos.
- Github: Aquí no hay control sobre los paquetes, como en los dos anteriores. Pero hoy en día es una de las formas más comunes de compartir paquetes.

Instalar paquetes de CRAN

Para ello usamos el comando:

```
## Loading required package: sm
## Package 'sm', version 2.2-5.6: type help(sm) for summary information
## Loading required package: zoo
##
## Attaching package: 'zoo'
## The following objects are masked from 'package:base':
##
##      as.Date, as.Date.numeric
```

Este es el paquete más antiguo de R. Suele ser útil usar la opción *dependencies=T* porque bajará automáticamente todos los paquetes de los que el paquete de interés depende.

Se pueden instalar varios paquetes a la vez usando la notación vectorial.

Instalar paquetes de Bioconductor

Instalar paquetes via *devtools*

El paquete devtools forma parte de CRAN, por lo tanto podemos instalarlo usando:

A partir de ahí se pueden instalar paquetes de distintas fuentes usando distintas funciones:

```
install_bioc() from Bioconductor,
install_bitbucket() from Bitbucket,
install_cran() from CRAN,
install_git() from a git repository,
install_github() from GitHub,
install_local() from a local file,
install_svn() from a SVN repository,
install_url() from a URL, and
install_version() from a specific version of a CRAN package.
```

Lo usaremos mucho durante el resto del curso porque algunos de los datasets que necesitamos vienen en paquetes contribuidos pero fuera de CRAN.

Entornos en R (environment)

Para seguir avanzando es importante que entendamos cómo R guarda los objetos. En realidad funciona de una forma parecida al sistema de ficheros de un ordenador. Cada objeto se guarda dentro de un environment

(o entorno) que a su vez puede estar dentro de otro, con una estructura jerárquica. Vamos a ver la estructura de nuestro entorno en esta sesión:

```
#install.packages("pryr")
library(pryr)
```

```
## Warning: package 'pryr' was built under R version 3.6.2

## Registered S3 method overwritten by 'pryr':
##   method      from
##   print.bytes  Rcpp

##
## Attaching package: 'pryr'

## The following objects are masked from 'package:purrr':
##
##   compose, partial

## The following object is masked from 'package:data.table':
##
##   address
```

```
parenvs(all = TRUE)
```

```
##   label                                name
## 1 <environment: R_GlobalEnv>            ""
## 2 <environment: package:pryr>           "package:pryr"
## 3 <environment: package:vioplot>        "package:vioplot"
## 4 <environment: package:zoo>            "package:zoo"
## 5 <environment: package:sm>             "package:sm"
## 6 <environment: package:rvest>          "package:rvest"
## 7 <environment: package:xml2>           "package:xml2"
## 8 <environment: package:usethis>        "package:usethis"
## 9 <environment: package:devtools>       "package:devtools"
## 10 <environment: package:dslabs>        "package:dslabs"
## 11 <environment: package:forcats>       "package:forcats"
## 12 <environment: package:stringr>       "package:stringr"
## 13 <environment: package:purrr>         "package:purrr"
## 14 <environment: package:tibble>        "package:tibble"
## 15 <environment: package:ggplot2>       "package:ggplot2"
## 16 <environment: package:tidyverse>     "package:tidyverse"
## 17 <environment: package:data.table>    "package:data.table"
## 18 <environment: package:tidyr>         "package:tidyr"
## 19 <environment: package:readr>         "package:readr"
## 20 <environment: package:xlsx>          "package:xlsx"
## 21 <environment: package:dplyr>         "package:dplyr"
## 22 <environment: package:stats>         "package:stats"
## 23 <environment: package:graphics>      "package:graphics"
## 24 <environment: package:grDevices>     "package:grDevices"
## 25 <environment: package:utils>         "package:utils"
## 26 <environment: package:datasets>      "package:datasets"
## 27 <environment: package:methods>       "package:methods"
## 28 <environment: 0x000000013069828>     "Autoloads"
## 29 <environment: base>                  ""
## 30 <environment: R_EmptyEnv>            ""
```

```
x <- 5
where("x")
```

```
## <environment: R_GlobalEnv>
#> <environment: R_GlobalEnv>
where("mean")
```

```
## <environment: base>
```

R_EmptyEnv es el único entorno que no tiene ningún padre. Los entornos de R no se almacenan físicamente en tu ordenador, están en memoria RAM.

Para explorar la jerarquía de nuestro entorno tenemos algunas funciones:

```
as.environment("package:stats")
```

```
## <environment: package:stats>
## attr("name")
## [1] "package:stats"
## attr("path")
## [1] "C:/Users/fscabo/Documents/R/R-3.6.1/library/stats"
```

```
globalenv()
```

```
## <environment: R_GlobalEnv>
```

```
baseenv()
```

```
## <environment: base>
```

```
emptyenv()
```

```
## <environment: R_EmptyEnv>
```

```
parent.env(globalenv())
```

```
## <environment: package:pryr>
## attr("name")
## [1] "package:pryr"
## attr("path")
## [1] "C:/Users/fscabo/Documents/R/R-3.6.1/library/pryr"
```

```
search()
```

```
## [1] ".GlobalEnv"      "package:pryr"      "package:vioplot"
## [4] "package:zoo"      "package:sm"         "package:rvest"
## [7] "package:xml2"      "package:usethis"    "package:devtools"
## [10] "package:dslabs"    "package:forcats"    "package:stringr"
## [13] "package:purrr"     "package:tibble"     "package:ggplot2"
## [16] "package:tidyverse" "package:data.table" "package:tidyr"
## [19] "package:readr"     "package:xlsx"       "package:dplyr"
## [22] "package:stats"     "package:graphics"   "package:grDevices"
## [25] "package:utils"     "package:datasets"   "package:methods"
## [28] "Autoloads"         "package:base"
```

`globalenv()`, `baseenv()`, los `environments` en el `search path`, y `emptyenv()` se conectan como se muestra en la figura. Cada vez que se abre un nuevo paquete con `library()` se inserta entre el global environment y el último entorno de paquete generado.

Los objetos guardados en un entorno pueden ser vistos con:

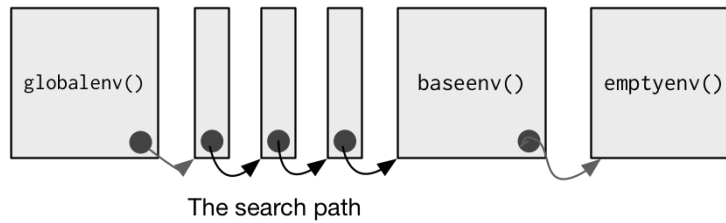


Figure 1: Jerarquía de entornos

```
ls(emptyenv())
```

```
## character(0)
```

```
ls(globalenv())
```

```
## [1] "x"
```

En cualquier momento podemos saber cual es el entorno con el que está trabajando R:

```
environment()
```

```
## <environment: R_GlobalEnv>
```

```
new<-"Hello Global"
```

Si guardamos algo en ese objeto new R lo sobrescribira:

```
new <- "Hello Active"
```

```
new
```

```
## [1] "Hello Active"
```

```
## "Hello Active"
```

Algunas funciones guardan objetos temporales.

```
roll <- function() {
  die <- 1:6
  dice <- sample(die, size = 2, replace = TRUE)
  sum(dice)
  return(environment())
}
```

Para no sobrescribir un posible objeto que se llame “dice”, R crea un nuevo entorno cada vez que se evalua una funcion. De ahi las dependencias que hemos visto al principio. Al finalizar la evaluación, R vuelve al entorno global:

```
show_env <- function(){
  list(ran.in = environment(),
       parent = parent.env(environment()),
       objects = ls.str(environment()))
}
show_env()
```

```
## $ran.in
```

```
## <environment: 0x00000000182845d8>
```

```
##
```

```
## $parent
## <environment: R_GlobalEnv>
##
## $objects
```

R ha creado un nuevo *runtime environment* durante el tiempo que ha estado ejecutando la función.

Programando en R

Motivational example: Máquina Tragaperras

Para simular estos datos necesitamos hacer dos cosas:

1. Generar combinaciones de tres elementos de entre los siguientes símbolos: diamonds (DD), sevens (7), triple bars (BBB), double bars (BB), single bars (B), cherries (C), and zeroes (0).

Cada símbolo aparece según su probabilidad en la rueda.

2. Asignar un premio a cada combinación

Las máquinas tragaperras de la marca Manitoba tienen el siguiente esquema de premios:

Combination	Prize(\$)
DD DD DD	100
7 7 7	80
BBB BBB BBB	40
BB BB BB	25
B B B	10
C C C	10
Any combination of bars	5
C C *	5
C * C	5
* C C	5
C * *	2
* C *	2
* * C	2

Cada vez que jugamos a la maquina necesitamos pagar 1 dolar. Queremos crear un programa que nos de un *score* cada vez que jugamos. Podriamos hacer nuestro programa como un script o como una función

Estrategia general en programación

Hay tres recomendaciones que pueden ayudaros a hacer programas por muy complejos que sean:

- Romper el problema en subproblemas mas pequeños
- Escribir en lenguaje natural las instrucciones que se necesitarán para cada parte
- Usar ejemplos concretos

Un programa en R tiene dos tipos de tareas: paralelas y secuenciales

Instrucciones secuenciales

Un ejemplo de instrucciones secuenciales sería la siguiente función:

```
play <- function() {
  # step 1: generate symbols
  symbols <- get_symbols()
```

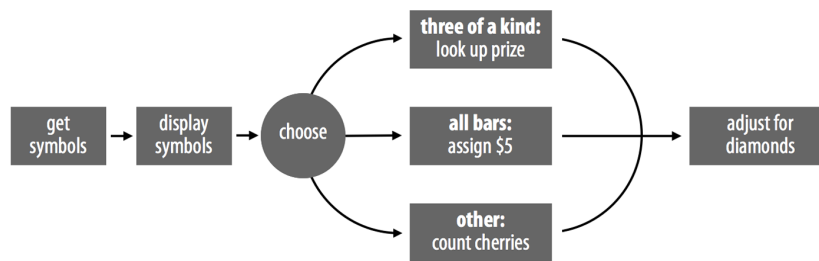


Figure 2: Esquema juego

```

# step 2: display the symbols
print(symbols)
# step 3: score the symbols
score(symbols)
}

```

Genera los simbolos al azar, los muestra y les da una puntuacion de acuerdo con las reglas del juego.

Vamos a escribir una función para la primera tarea:

```

get_symbols <- function() {
  wheel <- c("DD", "7", "BBB", "BB", "B", "C", "0")
  sample(wheel, size = 3, replace = TRUE,
    prob = c(0.03, 0.03, 0.06, 0.1, 0.25, 0.01, 0.52))
}
get_symbols()

```

```
## [1] "B" "DD" "B"
```

```
get_symbols()
```

```
## [1] "0" "DD" "0"
```

```
get_symbols()
```

```
## [1] "B" "0" "0"
```

Casos paralelos

Una vez que se eligen los tres símbolos hay que decidir como se puntua. Aqui tenemos que mirar varias cosas en paralelo como muestra la figura.

Cómo testamos cada una de esas opciones?

- Opción 1: ¿Son los tres iguales? Por ejemplo,

```

symbols<-c("7","7","7")
symbols[1] == symbols[2] & symbols[2] == symbols[3]

```

```
## [1] TRUE
```

```
## TRUE
```

```

symbols[1] == symbols[2] & symbols[1] == symbols[3]

```

```
## [1] TRUE
```

```
## TRUE
all(symbols == symbols[1])
```

```
## [1] TRUE
```

```
## TRUE
```

O equivalentemente:

```
length(unique(symbols) == 1)
```

```
## [1] 1
```

Y tenemos la primera opción programada.

Nota: ~~es~~ y || funcionan como sólo uno excepto porque no evalúan la segunda condición si la primera es clara

- Opción 2: ¿tenemos todos símbolos de tipo B?

Es decir, entre nuestros símbolos tenemos alguna de estas combinaciones:

```
symbols <- c("B", "BBB", "BB")
```

```
symbols[1] == "B" | symbols[1] == "BB" | symbols[1] == "BBB" &
  symbols[2] == "B" | symbols[2] == "BB" | symbols[2] == "BBB" &
  symbols[3] == "B" | symbols[3] == "BB" | symbols[3] == "BBB"
```

```
## [1] TRUE
```

```
## TRUE
```

Pero no parece una solución muy elegante:

```
all(symbols %in% c("B", "BB", "BBB"))
```

```
## [1] TRUE
```

```
## TRUE
```

Hay overlapping entre el caso 1 y el 2: “B-B-B”

```
symbols <- c("B", "B", "B")
all(symbols %in% c("B", "BB", "BBB"))
```

```
## [1] TRUE
```

```
## TRUE
```

Nuestro programa ya contendría:

```
same <- symbols[1] == symbols[2] && symbols[2] == symbols[3]
bars <- symbols %in% c("B", "BB", "BBB")
```

- Opción 3: Si no se da ninguna de las anteriores, cuántas cerezas (C) tenemos?

```
count.c <- sum(symbols == "C")
```

if

Utilizamos el comando if para seleccionar situaciones que cumplen una determinada condición. Si se cumple esto, haz aquello:


```
if (this) {
  that
}
```

```
## Error in eval(expr, envir, enclos): object 'this' not found
```

this tiene que ser el resultado de un test lógico y resultar por tanto en TRUE o FALSE.

Si la condición se cumple (TRUE) se ejecutará el código entre corchetes. Si no se cumple (FALSE) no se hará nada.

Por ejemplo, si un número es negativo, multiplica por (-1) para hacerlo positivo:

```
num<-(-1)
num<-2
if (num < 0) {
  num <- num * -1
}
```

```
num <- -2
if (num < 0) {
  num <- num * -1
}
num
```

```
## [1] 2
```

```
## 2
```

```
num <- 4
if (num < 0) {
  num <- num * -1
}
num
```

```
## [1] 4
```

```
## 4
```

El resultado del test lógico tiene que ser un vector de una sola dimension. Si es un vector de varios TRUE/FALSE se evaluará sólo el primer elemento del vector.

*Recuerda: las funciones **any** y **all** condensan las entradas de un vector lógico en un solo valor*

Puedes incluir tantas líneas de código como quieras entre los corchetes:

```
num <- -1
if (num < 0) {
  print("num is negative.")
  print("Don't worry, I'll fix it.")
  num <- num * -1
  print("Now num is positive.")
}
```

```
## [1] "num is negative."
## [1] "Don't worry, I'll fix it."
## [1] "Now num is positive."
```

```
## "num is negative."
## "Don't worry, I'll fix it."
## "Now num is positive."
num
```

```
## [1] 1
```

```
## 1
```

Ejercicios:

Qué devuelven los siguientes códigos? (Intenta razonarlo y no ejecutarlo) Caso 1.

```
x <- 1
if (3 == 3) {
  x <- 2
}
x
```

```
## [1] 2
```

Caso 2.

```
x <- 1
if (TRUE) {
  x <- 2
}
x
```

```
## [1] 2
```

Case 3.

```
x <- 1
if (x == 1) {
  x <- 2
  if (x == 1) {
    x <- 3
  }
}
x
```

```
## [1] 2
```

else

Hasta ahora si no se cumple la condicion impuesta, R no hace nada. Pero puede ser interesante que R haga una cosa distinta si se cumple que si no se cumple la condición. Para eso usamos **else**

```
if (this) {
  Plan A
} else {
  Plan B
}
```

```
## Error: <text>:2:8: unexpected symbol
## 1: if (this) {
## 2:   Plan A
##      ^
```

Vamos a intentar hacer un código que redondee un decimal al entero más cercano:

```
a <- 3.14
```

la función **trunc** nos da el entero más cercano:

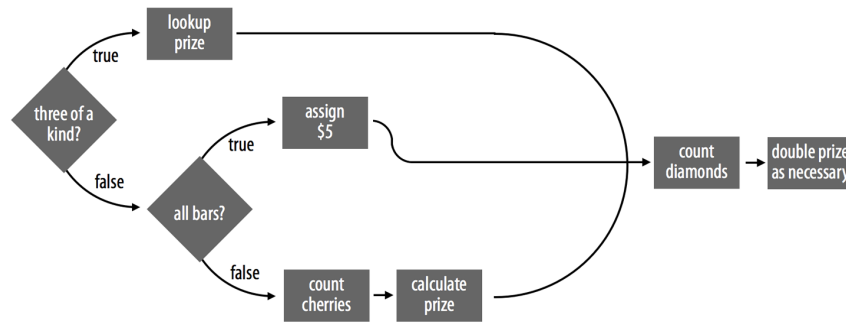


Figure 3: Esquema juego

```
dec <- a - trunc(a)
dec
```

```
## [1] 0.14
```

```
## 0.14
```

```
if (dec >= 0.5) {
  a <- trunc(a) + 1
} else {
  a <- trunc(a)
}
a
```

```
## [1] 3
```

```
## 3
```

Si hay más de dos casos, podemos usar `else if`:

```
a <- 1
b <- 1
if (a > b) {
  print("A wins!")
} else if (a < b) {
  print("B wins!")
} else {
  print("Tie.")
}
```

```
## [1] "Tie."
```

```
## "Tie."
```

Volviendo a la función que calcula el score para cada combinación de la máquina tragaperras, tenemos ocho posibles escenarios excluyentes, que se resumen en la figura 2.

Ya teníamos como testar cada una de las opciones y ahora sabemos como unirlos con `if/else`. Vamos a rellenar el cuerpo de la función `score()`

```
score <- function(symbols) {
  # calculate a prize
  prize
```

```
}
```

Donde calculate de prize va a ser:

```
score <- function (x) {  
  # identify case  
  same <- x[1] == x[2] && x[2] == x[3]  
  bars <- x %in% c("B", "BB", "BBB")  
  
  # get prize  
  if (same & x[1] != 0) {  
    payouts <- c("DD" = 100, "7" = 80, "BBB" = 40, "BB" = 25,  
      "B" = 10, "C" = 10, "0" = 0)  
    prize <- unname(payouts[x[1]])  
  } else if (all(bars)) {  
    prize <- 5  
  } else {  
    cherries <- sum(x == "C")  
    prize <- c(0, 2, 5)[cherries + 1]  
  }  
  
  # adjust for diamonds  
  diamonds <- sum(x == "DD")  
  prize * 2 ^ diamonds  
}  
score(symbols)
```

```
## [1] 10
```

Finalmente nuestro programa entero es asi:

```
play <- function() {  
  symbols <- get_symbols()  
  print(symbols)  
  score(symbols)  
}
```

Juguemos:

```
play()
```

```
## [1] "B" "DD" "0"
```

```
## [1] 0
```

```
play()
```

```
## [1] "0" "0" "B"
```

```
## [1] 0
```

```
play()
```

```
## [1] "7" "0" "0"
```

```
## [1] 0
```

for and while loops

Vamos a intentar ver si estamos ante una tragaperras fraudulenta. Generamos un data.frame que contenga todas las posibles combinaciones de valores que podemos obtener. Para eso usamos la función *expand.grid*

```
wheel <- c("DD", "7", "BBB", "BB", "B", "C", "0")
combos <- expand.grid(wheel, wheel, wheel, stringsAsFactors = FALSE)
View(combos)
```

Vamos a calcular la probabilidad de obtener cada una de estas combinaciones usando las probabilidades que hemos utilizado en *get_symbols*

```
prob <- c("DD" = 0.03, "7" = 0.03, "BBB" = 0.06,
         "BB" = 0.1, "B" = 0.25, "C" = 0.01, "0" = 0.52)

combos$prob1 <- prob[combos$Var1]
combos$prob2 <- prob[combos$Var2]
combos$prob3 <- prob[combos$Var3]
View(combos)
```

Si las tiradas son independientes:

```
combos$prob <- combos$prob1 * combos$prob2 * combos$prob3
sum(combos$prob)
```

```
## [1] 1
```

```
View(combos)
```

Vamos a añadir una columna a nuestro data.frame *combos* que contenga el premio para cada combinación que hemos creado:

```
for (i in 1:nrow(combos)) {
  symbols <- c(combos[i, 1], combos[i, 2], combos[i, 3])
  combos$prize[i] <- score(symbols)
}
View(combos)
```

Ahora podemos calcular el premio esperado:

```
sum(combos$prize * combos$prob)
```

```
## [1] 0.538014
```

Por lo tanto esta máquina paga mas o menos el 54% de lo que juegas...

Importación de datos en R

En la clase anterior hemos leído archivos que estaban en datasets almacenados en librerías de R. Sin embargo, es común tener la necesidad de leer datos a partir de diferentes tipos de archivos (.txt, .csv, .xlsx) o incluso de otras fuentes como páginas web o bases de datos.

Importación de datos desde archivos

Cuando se trata de importar datos a partir de un archivo en una unidad de disco a la que tenemos acceso en local o en remoto lo primero que tenemos que hacer es identificar dicha unidad y decirle a R cuál es el lugar que queremos usar como directorio de trabajo *working_directory*. Es el lugar desde el que se leerán y en el que se escribirá todo.

```
getwd()
```

```
## [1] "C:/Users/fscabo/Desktop/MasterDataScience_KSchool/Session2_ImportExport_v2"
```

Para cambiar al *working_directory* que queremos usar podemos utilizar la funcion *setwd()* o usar la GUI de RStudio en Session -> Set Working directory -> Choose Path

En esta sesion vamos a usar algunos de los datasets almacenados en el paquete dslabs de R.Irizarry en su libro Data Science Book. Vamos a copiar el archivo de datos el ejemplo murders en nuestro *working_directory*

```
dir <- system.file(package="dslabs") #extracts the location of package
dir
```

```
## [1] "C:/Users/fscabo/Documents/R/R-3.6.1/library/dslabs"
```

```
filename <- file.path(dir,"extdata/murders.csv")
file.copy(filename, "murders.csv")
```

```
## [1] FALSE
```

Ahora podeis comprobar que el archivo “murders.csv” esta en vuestro working directory.

```
list.files()
```

Funciones standard

Se trata de un archivo con extension .csv pequeño y facil de manejar. Hay varias funciones basicas que podemos usar para ello:

```
dat <- read.csv("DataSets/murders.csv")
head(dat)
```

```
##      state abb region population total
## 1  Alabama  AL  South   4779736   135
## 2   Alaska  AK   West    710231    19
## 3   Arizona AZ   West   6392017   232
## 4   Arkansas AR  South   2915918    93
## 5 California CA   West  37253956  1257
## 6   Colorado CO   West   5029196    65
```

Alternativamente podriamos haber utilizado la funcion *read.delim* tambien del paquete base que es una de las mas flexibles pero también que requiere mas parametrizacion:

```
dat2 <- read.delim("DataSets/murders.csv",sep=",",header=T)
head(dat2)
```

```
##      state abb region population total
## 1  Alabama  AL  South   4779736   135
## 2   Alaska  AK   West    710231    19
## 3   Arizona AZ   West   6392017   232
## 4   Arkansas AR  South   2915918    93
## 5 California CA   West  37253956  1257
## 6   Colorado CO   West   5029196    65
```

Vamos a ver de que clase es el objeto dat

```
class(dat)
```

```
## [1] "data.frame"
```

Es una buena señal, lo ha leído como data.frame. Si recordais podemos acceder cada una de las columnas del data.frame con el símbolo \$

```
dat$state
```

```
## [1] Alabama      Alaska      Arizona
## [4] Arkansas     California Colorado
## [7] Connecticut  Delaware   District of Columbia
## [10] Florida      Georgia    Hawaii
## [13] Idaho        Illinois   Indiana
## [16] Iowa         Kansas     Kentucky
## [19] Louisiana    Maine      Maryland
## [22] Massachusetts Michigan   Minnesota
## [25] Mississippi  Missouri  Montana
## [28] Nebraska     Nevada    New Hampshire
## [31] New Jersey   New Mexico New York
## [34] North Carolina North Dakota Ohio
## [37] Oklahoma     Oregon     Pennsylvania
## [40] Rhode Island South Carolina South Dakota
## [43] Tennessee    Texas      Utah
## [46] Vermont      Virginia   Washington
## [49] West Virginia Wisconsin   Wyoming
## 51 Levels: Alabama Alaska Arizona Arkansas California ... Wyoming
```

Sin embargo tenemos un problema porque la variable `state` se he volcado en R como factor y como ya hemos comentado anteriormente está desaconsejado utilizar los factores en R salvo en ocasiones puntuales dado que internamente para R por eficiencia los factores son realmente almacenados como numericos y transformaciones numerico -> string pueden ser complicadas. Por ello seria mucho mejor no leer los strings como factores. R tiene una opcion para ello:

```
dat <- read.csv("DataSets/murders.csv", stringsAsFactors = FALSE)
class(dat$state)
```

```
## [1] "character"
```

Utilizamos una de las funciones fundamentales del paquete *dplyr* para volver a poner la variable `state` como un factor por medio de:

```
dat <- mutate(dat, region = as.factor(region))
```

Abrid el archivo *murders.csv* y volvedlo a guardar como archivo *.xlsx*. Vamos a leerlo utilizando el paquete *library(xlsx)*

```
dat2 <- read.xlsx(file = "DataSets/murders.xlsx", sheetIndex = 1)
class(dat2)
```

```
## [1] "data.frame"
```

```
head(dat2)
```

```
##      state abb region population total
## 1  Alabama AL  South   4779736   135
## 2  Alaska  AK   West    710231    19
## 3  Arizona AZ   West   6392017   232
## 4  Arkansas AR  South   2915918    93
## 5 California CA  West  37253956  1257
## 6  Colorado CO  West   5029196    65
```

```
class(dat2$state)
```

```
## [1] "factor"
```

```
identical(dat$state,dat2$state)
```

```
## [1] FALSE
```

```
identical(as.matrix(dat$state),as.matrix(dat2$state))
```

```
## [1] TRUE
```

Other function to read tabulated data into R is read.table:

```
dat3=read.table(file = "DataSets/murders.csv",header = T,sep=",")
head(dat3)
```

```
##      state abb region population total
## 1  Alabama AL  South   4779736   135
## 2  Alaska  AK   West    710231    19
## 3  Arizona AZ   West   6392017   232
## 4  Arkansas AR  South   2915918    93
## 5 California CA  West  37253956  1257
## 6  Colorado CO   West   5029196    65
```

NOTA IMPORTANTE: ASCII es un sistema de codificación que convierte los caracteres en números. ASCII usa 7 bits (0000001) por lo que se pueden generar un total de 128 símbolos. Para lenguajes con un gran número de símbolos se puede utilizar otra codificación llamada UTF para la que se pueden escoger combinaciones de 8, 16 o 24 bits. RStudio utiliza UTF-8. **NOTA IMPORTANTE 2:** Todos los archivos que hemos leído hasta ahora son archivos de texto; i.e. se pueden leer con un editor cualquiera. Archivos xls, html, json son binarios y necesitaremos otro tipo de herramientas para leerlos.

Cómo abrir grandes archivos

El paquete *data.table* contiene funciones para leer archivos de varios megas de RAM. En particular *fread()* funciona muy bien y se le pueden ajustar los parámetros: *sep*, *colClasses* and *nrows*. *bit64::integer64* types también se detectan y leer automáticamente sin necesidad de transformarlos antes en *character*. También es interesante mostrar el progreso en la lectura del archivo para tener una idea de la duración de la lectura. Otro parámetro que hereda de las funciones básicas de lectura es *stringsAsFactors*.

```
counts.rnaseq=fread("DataSets/Counts.genes.DiffAll.genes.limma.random.txt",sep = "\t",showProgress=T)
#head(counts.rnaseq)
class(counts.rnaseq)
```

```
## [1] "data.table" "data.frame"
```

Esta función devuelve un objeto *data.table* en lugar de un *data.frame* a no ser que se le especifique: *data.table=FALSE*. Ejemplo de tiempos (del manual de *data.table*):

```
n = 1e6
DT = data.table( a=sample(1:1000,n,replace=TRUE),
                 b=sample(1:1000,n,replace=TRUE),
                 c=rnorm(n),
                 d=sample(c("foo","bar","baz","qux","quux"),n,replace=TRUE),
                 e=rnorm(n),
                 f=sample(1:1000,n,replace=TRUE) )
DT[2,b:=NA_integer_]
DT[4,c:=NA_real_]
DT[3,d:=NA_character_]
DT[5,d:=""]
DT[2,e:=+Inf]
DT[3,e:=-Inf]
```



```

write.table(DT,
            "DataSets/test.csv",
            sep=";",
            row.names=FALSE,
            quote=FALSE)

cat("File size (MB):",
    round(file.info("test.csv")$size/1024^2),"\n")

## File size (MB): NA

system.time(DF1 <- read.csv("DataSets/test.csv", stringsAsFactors=FALSE))

##      user system elapsed
##      4.30   0.19   4.53

system.time(DF2 <- read.table("DataSets/test.csv", header=TRUE, sep=";", quote="",
                              stringsAsFactors=FALSE, comment.char="", nrows=n,
                              colClasses=c("integer", "integer", "numeric",
                                             "character", "numeric", "integer")))

##      user system elapsed
##      1.21   0.07   1.28

system.time(DT <- fread("DataSets/test.csv"))

##      user system elapsed
##      0.10   0.06   0.06

#require(sqldf)
#require(ff)

identical(DF1, DF2)

## [1] TRUE

all.equal(as.data.table(DF1), DT)

## [1] TRUE

```

tidyverse

Ya hemos visto como el paquete *xlsx* (y otros) contenían funciones para leer archivos excel en R. El paquete *tidyverse* también puede utilizarse para ello a través de las funciones:

Function	Separador	Sufijo
read_table	espacio	txt
read_csv	,	csv
read_csv2	;	csv
read_tsv	tab	tsv
read_delim	general	txt

The readxl package provides functions to read-in Microsoft Excel formats:

Function	Format	Typical suffix
read_excel	auto detect the format	xls, xlsx
read_xls	original format	xls
read_xlsx	new format	xlsx

Si os fijáis todas estas funciones son parecidas a las que teníamos en el paquete base separadas por un punto como *read.csv*. Comparemos ambas funciones:

```
library(tidyverse)
dat=read.csv("DataSets/murders.csv")
class(dat)
```

```
## [1] "data.frame"
```

```
head(dat)
```

```
##      state abb region population total
## 1  Alabama AL  South   4779736    135
## 2  Alaska  AK   West    710231     19
## 3  Arizona AZ   West   6392017    232
## 4  Arkansas AR  South   2915918     93
## 5 California CA  West  37253956   1257
## 6  Colorado CO   West   5029196     65
```

```
dat2=read_csv("DataSets/murders.csv")
class(dat2)
```

```
## [1] "spec_tbl_df" "tbl_df"      "tbl"        "data.frame"
```

```
head(dat2)
```

```
## # A tibble: 6 x 5
##   state     abb region population total
##   <chr>    <chr> <chr>      <dbl> <dbl>
## 1 Alabama  AL    South    4779736    135
## 2 Alaska   AK     West     710231     19
## 3 Arizona  AZ     West    6392017    232
## 4 Arkansas AR    South    2915918     93
## 5 California CA    West   37253956   1257
## 6 Colorado CO     West    5029196     65
```

OMG: What's that? *Tibbles* son nuevos tipos de data.frames que contienen muchas de las buenas prácticas que hemos ido mencionando. Por ejemplo:

- Tibble nunca cambia el tipo de una variable (si es carácter, es carácter, no factor...)

```
tibble(x = letters)
```

```
## # A tibble: 26 x 1
##       x
##   <chr>
## 1 a
## 2 b
## 3 c
## 4 d
## 5 e
## 6 f
## 7 g
```

```
## 8 h
## 9 i
## 10 j
## # ... with 16 more rows
tibble(x = 1:3, y = list(1:5, 1:10, 1:20))
```

```
## # A tibble: 3 x 2
##       x y
##   <int> <list>
## 1     1 <int [5]>
## 2     2 <int [10]>
## 3     3 <int [20]>
```

- Tibble nunca cambia el nombre de las variables

```
names(tibble("Old Alphabet" = letters))
```

```
## [1] "Old Alphabet"
```

```
names(data.frame("Old Alphabet" = letters))
```

```
## [1] "Old.Alphabet"
```

- Evalua los argumentos secuencialmente

```
#data.frame(z=1:5,y=z ^ 2)
tibble(x = 1:5, y = x ^ 2)
```

```
## # A tibble: 5 x 2
##       x     y
##   <int> <dbl>
## 1     1     1
## 2     2     4
## 3     3     9
## 4     4    16
## 5     5    25
```

- El objetivo fundamental de tibble es almacenar las variables de una forma consistente, por lo que no hace uso de row.names
- Printing: Por defecto solo se escriben en pantalla las 10 primeras filas y todas las columnas que quepan. Se puede cambiar el tipo de letra, color, etc. `tibble.print_max = Inf` muestra todas las filas

```
tibble(x = 1:5, y = x ^ 2)
```

```
## # A tibble: 5 x 2
##       x     y
##   <int> <dbl>
## 1     1     1
## 2     2     4
## 3     3     9
## 4     4    16
## 5     5    25
```

```
data.frame(x=1:5,y=(1:5)^2)
```

```
##   x y
## 1 1 1
## 2 2 4
```

```
## 3 3 9
## 4 4 16
## 5 5 25
```

- Subsetting siempre devuelve otro objeto tibble, sea de las dimensiones que sea

```
df1 <- data.frame(x = 1:3, y = 3:1)
class(df1[, 1:2])
```

```
## [1] "data.frame"
```

```
class(df1[, 1])
```

```
## [1] "integer"
```

```
df2 <- tibble(x = 1:3, y = 3:1)
class(df2[, 1:2])
```

```
## [1] "tbl_df"      "tbl"        "data.frame"
```

```
class(df2[, 1])
```

```
## [1] "tbl_df"      "tbl"        "data.frame"
```

Si una columna no tiene exactamente el nombre por el que se la llama no se hace partial matching:

```
df <- data.frame(abc = 1)
df$a
```

```
## [1] 1
```

```
df2 <- tibble(abc = 1)
df2$a
```

```
## Warning: Unknown or uninitialised column: 'a'.
```

```
## NULL
```

Tidy data

La organización Gapminder trata de desenmascarar falsos mitos acerca del estado del mundo en terminos de pobreza, desigualdad, etc a través del uso de datos. Utilizando el dataset *gapminder* del paquete *dslabs* trataremos de contestar a dos preguntas: * Es cierto que el mundo se divide en paises occidentales ricos y no-occidentales pobres? * Han aumentado las diferencias entre paises en los últimos 40 años?

1. Descargamos los datos:

```
library(dslabs)
data(gapminder)
#si no tienes el paquete instalado
#gapminder=read.csv("DataSets/Gapminder.csv")
```

2. Exploramos los datos:

```
View(gapminder)
head(gapminder)
```

```
##           country year infant_mortality life_expectancy fertility
## 1      Albania 1960      115.40           62.87         6.19
## 2      Algeria 1960      148.20           47.50         7.65
## 3      Angola 1960      208.00           35.98         7.32
## 4 Antigua and Barbuda 1960      NA           62.97         4.43
## 5      Argentina 1960      59.87           65.39         3.11
```

```
## 6      Armenia 1960      NA      66.86      4.55
##   population      gdp continent      region
## 1    1636054      NA    Europe Southern Europe
## 2    11124892 13828152297    Africa Northern Africa
## 3     5270844      NA    Africa    Middle Africa
## 4      54681      NA  Americas      Caribbean
## 5    20619075 108322326649  Americas    South America
## 6     1867396      NA     Asia    Western Asia
```

```
str(gapminder)
```

```
## 'data.frame':    10545 obs. of  9 variables:
##  $ country      : Factor w/ 185 levels "Albania","Algeria",...: 1 2 3 4 5 6 7 8 9 10 ...
##  $ year         : int   1960 1960 1960 1960 1960 1960 1960 1960 1960 1960 ...
##  $ infant_mortality: num   115.4 148.2 208 NA 59.9 ...
##  $ life_expectancy: num    62.9 47.5 36 63 65.4 ...
##  $ fertility     : num    6.19 7.65 7.32 4.43 3.11 4.55 4.82 3.45 2.7 5.57 ...
##  $ population    : num   1636054 11124892 5270844 54681 20619075 ...
##  $ gdp           : num    NA 1.38e+10 NA NA 1.08e+11 ...
##  $ continent     : Factor w/ 5 levels "Africa","Americas",...: 4 1 1 2 2 3 2 5 4 3 ...
##  $ region        : Factor w/ 22 levels "Australia and New Zealand",...: 19 11 10 2 15 21 2 1 22 21
```

3. Para trabajar con el universo tidyverse necesitamos que los datos esten en formato “tidy”

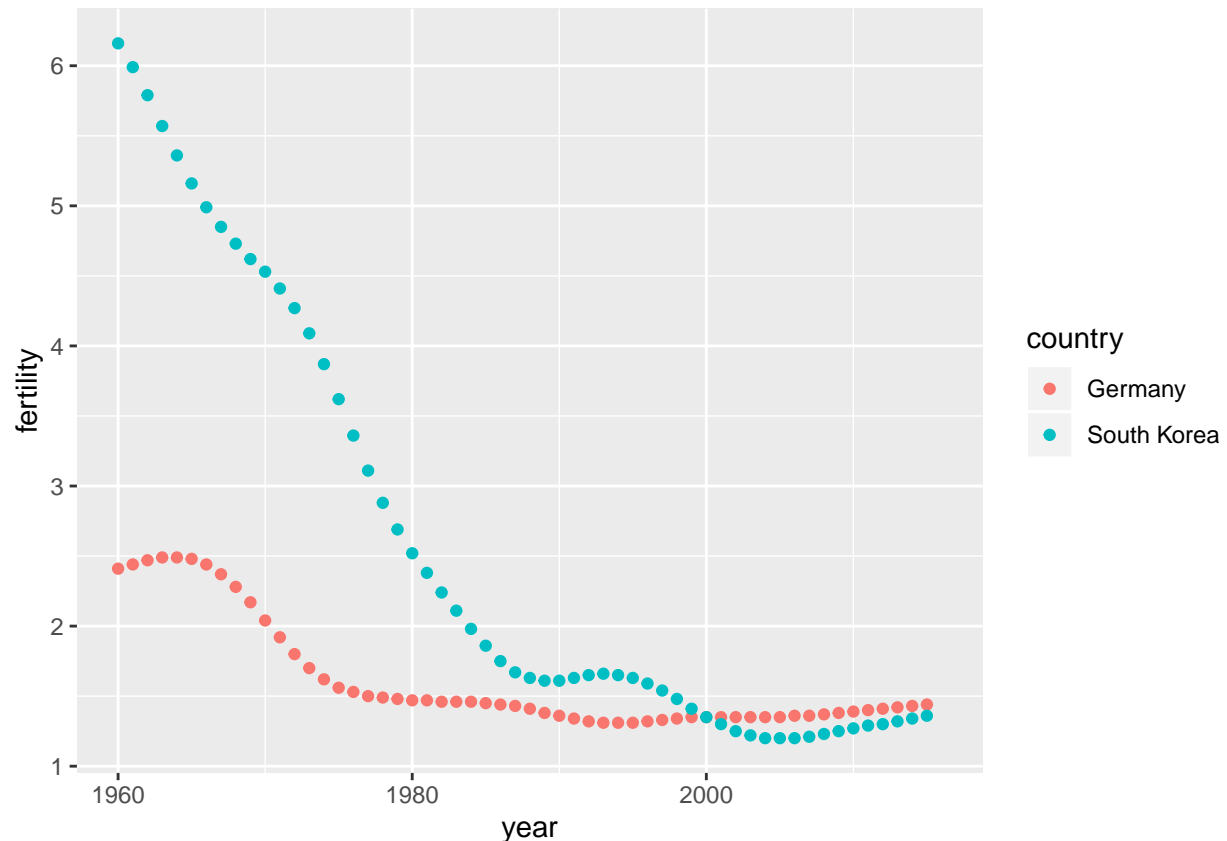
```
tidy_data <- gapminder %>%
  filter(country %in% c("South Korea", "Germany")) %>%
  select(country, year, fertility)
```

```
head(tidy_data)
```

```
##      country year fertility
## 1    Germany 1960      2.41
## 2 South Korea 1960      6.16
## 3    Germany 1961      2.44
## 4 South Korea 1961      5.99
## 5    Germany 1962      2.47
## 6 South Korea 1962      5.79
```

```
tidy_data %>%
  ggplot(aes(year, fertility, color = country)) +
  geom_point()
```

```
## Warning: Removed 2 rows containing missing values (geom_point).
```



Este plot ha sido tan fácil de producir porque los datos estaban en formato *tidy*. Que significa esto? Que cada medida específica de país & fecha ocupa una fila de un *tibble* o *data.frame*. Las columnas serían cada una de las observaciones que queramos mirar (fertilidad, esperanza de vida...)

```
path <- system.file("extdata", package="dslabs")
filename <- file.path(path, "fertility-two-countries-example.csv")
wide_data <- read_csv(filename)
```

```
## Parsed with column specification:
## cols(
##   .default = col_double(),
##   country = col_character()
## )
## See spec(...) for full column specifications.
```

```
wide_data <- read_csv("DataSets/fertility-two-countries-example.csv")
```

```
## Parsed with column specification:
## cols(
##   .default = col_double(),
##   country = col_character()
## )
## See spec(...) for full column specifications.
```

```
wide_data
```

```
## # A tibble: 2 x 57
##   country `1960` `1961` `1962` `1963` `1964` `1965` `1966` `1967` `1968`
```

```
##      <chr>      <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1 Germany      2.41  2.44  2.47  2.49  2.49  2.48  2.44  2.37  2.28
## 2 South ~      6.16  5.99  5.79  5.57  5.36  5.16  4.99  4.85  4.73
## # ... with 47 more variables: `1969` <dbl>, `1970` <dbl>, `1971` <dbl>,
## #   `1972` <dbl>, `1973` <dbl>, `1974` <dbl>, `1975` <dbl>, `1976` <dbl>,
## #   `1977` <dbl>, `1978` <dbl>, `1979` <dbl>, `1980` <dbl>, `1981` <dbl>,
## #   `1982` <dbl>, `1983` <dbl>, `1984` <dbl>, `1985` <dbl>, `1986` <dbl>,
## #   `1987` <dbl>, `1988` <dbl>, `1989` <dbl>, `1990` <dbl>, `1991` <dbl>,
## #   `1992` <dbl>, `1993` <dbl>, `1994` <dbl>, `1995` <dbl>, `1996` <dbl>,
## #   `1997` <dbl>, `1998` <dbl>, `1999` <dbl>, `2000` <dbl>, `2001` <dbl>,
## #   `2002` <dbl>, `2003` <dbl>, `2004` <dbl>, `2005` <dbl>, `2006` <dbl>,
## #   `2007` <dbl>, `2008` <dbl>, `2009` <dbl>, `2010` <dbl>, `2011` <dbl>,
## #   `2012` <dbl>, `2013` <dbl>, `2014` <dbl>, `2015` <dbl>
```

```
#seleccionamos las primeras 9 columnas
select(wide_data, country, `1960`:`1967`)
```

```
## # A tibble: 2 x 9
##   country      `1960` `1961` `1962` `1963` `1964` `1965` `1966` `1967`
##   <chr>         <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1 Germany          2.41  2.44  2.47  2.49  2.49  2.48  2.44  2.37
## 2 South Korea      6.16  5.99  5.79  5.57  5.36  5.16  4.99  4.85
```

5. Convertir wide_data en tidy_data

```
new_tidy_data <- wide_data %>%
  pivot_longer(cols=`1960`:`2015`,names_to="year",values_to = "fertility")
new_tidy_data
```

```
## # A tibble: 112 x 3
##   country year  fertility
##   <chr>   <chr>      <dbl>
## 1 Germany 1960        2.41
## 2 Germany 1961        2.44
## 3 Germany 1962        2.47
## 4 Germany 1963        2.49
## 5 Germany 1964        2.49
## 6 Germany 1965        2.48
## 7 Germany 1966        2.44
## 8 Germany 1967        2.37
## 9 Germany 1968        2.28
## 10 Germany 1969        2.17
## # ... with 102 more rows
```

```
class(new_tidy_data$year)
```

```
## [1] "character"
```

```
new_tidy_data <- wide_data %>%
  pivot_longer(cols=`1960`:`2015`,
    names_to="year",
    values_to = "fertility",
    names_ptypes = list(year=integer()))
class(new_tidy_data$year)
```

```
## [1] "integer"
```

A veces se necesita volver de tidy data a wide data:

```
new_wide_data <- new_tidy_data %>%
  pivot_wider(names_from=year, values_from = fertility)
new_wide_data
```

```
## # A tibble: 2 x 57
##   country `1960` `1961` `1962` `1963` `1964` `1965` `1966` `1967` `1968`
##   <chr>    <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1 Germany  2.41  2.44  2.47  2.49  2.49  2.48  2.44  2.37  2.28
## 2 South ~  6.16  5.99  5.79  5.57  5.36  5.16  4.99  4.85  4.73
## # ... with 47 more variables: `1969` <dbl>, `1970` <dbl>, `1971` <dbl>,
## # `1972` <dbl>, `1973` <dbl>, `1974` <dbl>, `1975` <dbl>, `1976` <dbl>,
## # `1977` <dbl>, `1978` <dbl>, `1979` <dbl>, `1980` <dbl>, `1981` <dbl>,
## # `1982` <dbl>, `1983` <dbl>, `1984` <dbl>, `1985` <dbl>, `1986` <dbl>,
## # `1987` <dbl>, `1988` <dbl>, `1989` <dbl>, `1990` <dbl>, `1991` <dbl>,
## # `1992` <dbl>, `1993` <dbl>, `1994` <dbl>, `1995` <dbl>, `1996` <dbl>,
## # `1997` <dbl>, `1998` <dbl>, `1999` <dbl>, `2000` <dbl>, `2001` <dbl>,
## # `2002` <dbl>, `2003` <dbl>, `2004` <dbl>, `2005` <dbl>, `2006` <dbl>,
## # `2007` <dbl>, `2008` <dbl>, `2009` <dbl>, `2010` <dbl>, `2011` <dbl>,
## # `2012` <dbl>, `2013` <dbl>, `2014` <dbl>, `2015` <dbl>
```

Importando datos de bases de datos

Datos estructurados: RMySQL -> RMariaDB

MariaDB es un servidor de bases de datos. Podemos interaccionar con el usando un cliente o bien programáticamente usando APIs (Application Programming Interface). Si interaccionamos a través de un cliente como mysql empezariamos conectandonos a la base de datos con el comando:

```
mysql -u root -p -h localhost
```

Existe un paquete de R para hacer lo mismo y traernos datos:

```
library(RMariaDB)
```

```
## Warning: package 'RMariaDB' was built under R version 3.6.2
```

En primer lugar creamos una objeto de conexión a la base de datos y podemos ver todas las bases de datos que hay dentro de ella:

```
ensembl_con <- dbConnect(MariaDB(),
  host = "ensembl.db.ensembl.org",
  user = "anonymous",
  port = 5306,
  password = "")
dbGetQuery(ensembl_con, "SHOW DATABASES")
```

```
##                                     Database
## 1                                information_schema
## 2                                PERCONA_SCHEMA
## 3    acanthochromis_polyacanthus_core_94_1
## 4    acanthochromis_polyacanthus_core_95_1
## 5    acanthochromis_polyacanthus_core_96_1
## 6    acanthochromis_polyacanthus_core_97_1
## 7    acanthochromis_polyacanthus_core_98_1
## 8    acanthochromis_polyacanthus_core_99_1
## 9    acanthochromis_polyacanthus_otherfeatures_94_1
## 10   acanthochromis_polyacanthus_otherfeatures_95_1
```



```

## 11      acanthochromis_polyacanthus_otherfeatures_96_1
## 12      acanthochromis_polyacanthus_otherfeatures_97_1
## 13      acanthochromis_polyacanthus_otherfeatures_98_1
## 14      acanthochromis_polyacanthus_otherfeatures_99_1
## 15          acanthochromis_polyacanthus_rnaseq_94_1
## 16          acanthochromis_polyacanthus_rnaseq_95_1
## 17          acanthochromis_polyacanthus_rnaseq_96_1
## 18          acanthochromis_polyacanthus_rnaseq_97_1
## 19          acanthochromis_polyacanthus_rnaseq_98_1
## 20          acanthochromis_polyacanthus_rnaseq_99_1
## 21              accipiter_nisus_core_99_1
## 22              accipiter_nisus_rnaseq_99_1
## 23                  aedes_aegypti_core_48_1b
## 24                  aedes_aegypti_core_49_1b
## 25                  aedes_aegypti_core_50_1c
## 26                  aedes_aegypti_core_51_1c
## 27                  aedes_aegypti_core_52_1d
## 28                  aedes_aegypti_core_53_1d
## 29                  aedes_aegypti_core_54_1d
## 30                  aedes_aegypti_core_55_1d
## 31      ailuropoda_melanoleuca_core_60_1
## 32      ailuropoda_melanoleuca_core_61_1a
## 33      ailuropoda_melanoleuca_core_62_1b
## 34      ailuropoda_melanoleuca_core_63_1
## 35      ailuropoda_melanoleuca_core_64_1
## 36      ailuropoda_melanoleuca_core_65_1
## 37      ailuropoda_melanoleuca_core_66_1
## 38      ailuropoda_melanoleuca_core_67_1
## 39      ailuropoda_melanoleuca_core_68_1
## 40      ailuropoda_melanoleuca_core_69_1
## 41      ailuropoda_melanoleuca_core_70_1
## 42      ailuropoda_melanoleuca_core_71_1
## 43      ailuropoda_melanoleuca_core_72_1
## 44      ailuropoda_melanoleuca_core_73_1
## 45      ailuropoda_melanoleuca_core_74_1
## 46      ailuropoda_melanoleuca_core_75_1
## 47      ailuropoda_melanoleuca_core_76_1
## 48      ailuropoda_melanoleuca_core_77_1
## 49      ailuropoda_melanoleuca_core_78_1
## 50      ailuropoda_melanoleuca_core_79_1
## 51      ailuropoda_melanoleuca_core_80_1
## 52      ailuropoda_melanoleuca_core_81_1
## 53      ailuropoda_melanoleuca_core_82_1
## 54      ailuropoda_melanoleuca_core_83_1
## 55      ailuropoda_melanoleuca_core_84_1
## 56      ailuropoda_melanoleuca_core_85_1
## 57      ailuropoda_melanoleuca_core_86_1
## 58      ailuropoda_melanoleuca_core_87_1
## 59      ailuropoda_melanoleuca_core_88_1
## 60      ailuropoda_melanoleuca_core_89_1
## 61      ailuropoda_melanoleuca_core_90_1
## 62      ailuropoda_melanoleuca_core_91_1
## 63      ailuropoda_melanoleuca_core_92_1
## 64      ailuropoda_melanoleuca_core_93_1

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## 65          ailuropoda_melanoleuca_core_94_1
## 66          ailuropoda_melanoleuca_core_95_1
## 67          ailuropoda_melanoleuca_core_96_1
## 68          ailuropoda_melanoleuca_core_97_1
## 69          ailuropoda_melanoleuca_core_98_1
## 70          ailuropoda_melanoleuca_core_99_1
## 71          ailuropoda_melanoleuca_otherfeatures_60_1
## 72          ailuropoda_melanoleuca_otherfeatures_61_1a
## 73          ailuropoda_melanoleuca_otherfeatures_62_1b
## 74          ailuropoda_melanoleuca_otherfeatures_63_1
## 75          ailuropoda_melanoleuca_otherfeatures_64_1
## 76          ailuropoda_melanoleuca_otherfeatures_65_1
## 77          ailuropoda_melanoleuca_otherfeatures_66_1
## 78          ailuropoda_melanoleuca_otherfeatures_67_1
## 79          ailuropoda_melanoleuca_otherfeatures_68_1
## 80          ailuropoda_melanoleuca_otherfeatures_69_1
## 81          ailuropoda_melanoleuca_otherfeatures_70_1
## 82          ailuropoda_melanoleuca_otherfeatures_71_1
## 83          ailuropoda_melanoleuca_otherfeatures_72_1
## 84          ailuropoda_melanoleuca_otherfeatures_73_1
## 85          ailuropoda_melanoleuca_otherfeatures_74_1
## 86          ailuropoda_melanoleuca_otherfeatures_75_1
## 87          ailuropoda_melanoleuca_otherfeatures_76_1
## 88          ailuropoda_melanoleuca_otherfeatures_77_1
## 89          ailuropoda_melanoleuca_otherfeatures_78_1
## 90          ailuropoda_melanoleuca_otherfeatures_79_1
## 91          ailuropoda_melanoleuca_otherfeatures_80_1
## 92          ailuropoda_melanoleuca_otherfeatures_81_1
## 93          ailuropoda_melanoleuca_otherfeatures_82_1
## 94          ailuropoda_melanoleuca_otherfeatures_83_1
## 95          ailuropoda_melanoleuca_otherfeatures_84_1
## 96          ailuropoda_melanoleuca_otherfeatures_85_1
## 97          ailuropoda_melanoleuca_otherfeatures_86_1
## 98          ailuropoda_melanoleuca_otherfeatures_87_1
## 99          ailuropoda_melanoleuca_otherfeatures_88_1
## 100         ailuropoda_melanoleuca_otherfeatures_89_1
## 101         ailuropoda_melanoleuca_otherfeatures_90_1
## 102         ailuropoda_melanoleuca_otherfeatures_91_1
## 103         ailuropoda_melanoleuca_otherfeatures_92_1
## 104         ailuropoda_melanoleuca_otherfeatures_93_1
## 105         ailuropoda_melanoleuca_otherfeatures_94_1
## 106         ailuropoda_melanoleuca_otherfeatures_95_1
## 107         ailuropoda_melanoleuca_otherfeatures_96_1
## 108         ailuropoda_melanoleuca_otherfeatures_97_1
## 109         ailuropoda_melanoleuca_otherfeatures_98_1
## 110         ailuropoda_melanoleuca_otherfeatures_99_1
## 111         amazona_collaria_core_99_1
## 112         amazona_collaria_rnaseq_99_1
## 113         amphilophus_citrinellus_core_94_5
## 114         amphilophus_citrinellus_core_95_5
## 115         amphilophus_citrinellus_core_96_5
## 116         amphilophus_citrinellus_core_97_5
## 117         amphilophus_citrinellus_core_98_5
## 118         amphilophus_citrinellus_core_99_5

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## 119             amphiPrion_ocellaris_core_94_1
## 120             amphiPrion_ocellaris_core_95_1
## 121             amphiPrion_ocellaris_core_96_1
## 122             amphiPrion_ocellaris_core_97_1
## 123             amphiPrion_ocellaris_core_98_1
## 124             amphiPrion_ocellaris_core_99_1
## 125 amphiPrion_ocellaris_otherfeatures_94_1
## 126 amphiPrion_ocellaris_otherfeatures_95_1
## 127 amphiPrion_ocellaris_otherfeatures_96_1
## 128 amphiPrion_ocellaris_otherfeatures_97_1
## 129 amphiPrion_ocellaris_otherfeatures_98_1
## 130 amphiPrion_ocellaris_otherfeatures_99_1
## 131             amphiPrion_ocellaris_rnaseq_94_1
## 132             amphiPrion_ocellaris_rnaseq_95_1
## 133             amphiPrion_ocellaris_rnaseq_96_1
## 134             amphiPrion_ocellaris_rnaseq_97_1
## 135             amphiPrion_ocellaris_rnaseq_98_1
## 136             amphiPrion_ocellaris_rnaseq_99_1
## 137             amphiPrion_percula_core_94_1
## 138             amphiPrion_percula_core_95_1
## 139             amphiPrion_percula_core_96_1
## 140             amphiPrion_percula_core_97_1
## 141             amphiPrion_percula_core_98_1
## 142             amphiPrion_percula_core_99_1
## 143             amphiPrion_percula_rnaseq_94_1
## 144             amphiPrion_percula_rnaseq_95_1
## 145             amphiPrion_percula_rnaseq_96_1
## 146             amphiPrion_percula_rnaseq_97_1
## 147             amphiPrion_percula_rnaseq_98_1
## 148             amphiPrion_percula_rnaseq_99_1
## 149             anabas_testudineus_core_94_11
## 150             anabas_testudineus_core_95_11
## 151             anabas_testudineus_core_96_11
## 152             anabas_testudineus_core_97_11
## 153             anabas_testudineus_core_98_11
## 154             anabas_testudineus_core_99_11
## 155             anabas_testudineus_rnaseq_94_11
## 156             anabas_testudineus_rnaseq_95_11
## 157             anabas_testudineus_rnaseq_96_11
## 158             anabas_testudineus_rnaseq_97_11
## 159             anabas_testudineus_rnaseq_98_11
## 160             anabas_testudineus_rnaseq_99_11
## 161             anas_platyrrhynchos_core_73_1
## 162             anas_platyrrhynchos_core_74_1
## 163             anas_platyrrhynchos_core_75_1
## 164             anas_platyrrhynchos_core_76_1
## 165             anas_platyrrhynchos_core_77_1
## 166             anas_platyrrhynchos_core_78_1
## 167             anas_platyrrhynchos_core_79_1
## 168             anas_platyrrhynchos_core_80_1
## 169             anas_platyrrhynchos_core_81_1
## 170             anas_platyrrhynchos_core_82_1
## 171             anas_platyrrhynchos_core_83_1
## 172             anas_platyrrhynchos_core_84_1

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## 173      anas_platyrrhynchos_core_85_1
## 174      anas_platyrrhynchos_core_86_1
## 175      anas_platyrrhynchos_core_87_1
## 176      anas_platyrrhynchos_core_88_1
## 177      anas_platyrrhynchos_core_89_1
## 178      anas_platyrrhynchos_core_90_1
## 179      anas_platyrrhynchos_core_91_1
## 180      anas_platyrrhynchos_core_92_1
## 181      anas_platyrrhynchos_core_93_1
## 182      anas_platyrrhynchos_core_94_1
## 183      anas_platyrrhynchos_core_95_1
## 184      anas_platyrrhynchos_otherfeatures_73_1
## 185      anas_platyrrhynchos_otherfeatures_74_1
## 186      anas_platyrrhynchos_otherfeatures_75_1
## 187      anas_platyrrhynchos_otherfeatures_76_1
## 188      anas_platyrrhynchos_otherfeatures_77_1
## 189      anas_platyrrhynchos_otherfeatures_78_1
## 190      anas_platyrrhynchos_otherfeatures_79_1
## 191      anas_platyrrhynchos_otherfeatures_80_1
## 192      anas_platyrrhynchos_otherfeatures_81_1
## 193      anas_platyrrhynchos_otherfeatures_82_1
## 194      anas_platyrrhynchos_otherfeatures_83_1
## 195      anas_platyrrhynchos_otherfeatures_84_1
## 196      anas_platyrrhynchos_otherfeatures_85_1
## 197      anas_platyrrhynchos_otherfeatures_86_1
## 198      anas_platyrrhynchos_otherfeatures_87_1
## 199      anas_platyrrhynchos_otherfeatures_88_1
## 200      anas_platyrrhynchos_otherfeatures_89_1
## 201      anas_platyrrhynchos_otherfeatures_90_1
## 202      anas_platyrrhynchos_otherfeatures_91_1
## 203      anas_platyrrhynchos_otherfeatures_92_1
## 204      anas_platyrrhynchos_otherfeatures_93_1
## 205      anas_platyrrhynchos_otherfeatures_94_1
## 206      anas_platyrrhynchos_otherfeatures_95_1
## 207      anas_platyrrhynchos_platyrrhynchos_core_96_1
## 208      anas_platyrrhynchos_platyrrhynchos_core_97_1
## 209      anas_platyrrhynchos_platyrrhynchos_core_98_1
## 210      anas_platyrrhynchos_platyrrhynchos_core_99_1
## 211      anas_platyrrhynchos_platyrrhynchos_funcgen_96_1
## 212      anas_platyrrhynchos_platyrrhynchos_funcgen_97_1
## 213      anas_platyrrhynchos_platyrrhynchos_funcgen_98_1
## 214      anas_platyrrhynchos_platyrrhynchos_funcgen_99_1
## 215      anas_platyrrhynchos_platyrrhynchos_rnaseq_96_1
## 216      anas_platyrrhynchos_platyrrhynchos_rnaseq_97_1
## 217      anas_platyrrhynchos_platyrrhynchos_rnaseq_98_1
## 218      anas_platyrrhynchos_platyrrhynchos_rnaseq_99_1
## 219      anolis_carolinensis_core_53_1
## 220      anolis_carolinensis_core_54_1
## 221      anolis_carolinensis_core_55_1a
## 222      anolis_carolinensis_core_56_1a
## 223      anolis_carolinensis_core_57_1a
## 224      anolis_carolinensis_core_58_1b
## 225      anolis_carolinensis_core_59_1c
## 226      anolis_carolinensis_core_60_1d

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## 227          anolis_carolinensis_core_61_2
## 228      anolis_carolinensis_core_62_2a
## 229          anolis_carolinensis_core_63_2
## 230          anolis_carolinensis_core_64_2
## 231          anolis_carolinensis_core_65_2
## 232          anolis_carolinensis_core_66_2
## 233          anolis_carolinensis_core_67_2
## 234          anolis_carolinensis_core_68_2
## 235          anolis_carolinensis_core_69_2
## 236          anolis_carolinensis_core_70_2
## 237          anolis_carolinensis_core_71_2
## 238          anolis_carolinensis_core_72_2
## 239          anolis_carolinensis_core_73_2
## 240          anolis_carolinensis_core_74_2
## 241          anolis_carolinensis_core_75_2
## 242          anolis_carolinensis_core_76_2
## 243          anolis_carolinensis_core_77_2
## 244          anolis_carolinensis_core_78_2
## 245          anolis_carolinensis_core_79_2
## 246          anolis_carolinensis_core_80_2
## 247          anolis_carolinensis_core_81_2
## 248          anolis_carolinensis_core_82_2
## 249          anolis_carolinensis_core_83_2
## 250          anolis_carolinensis_core_84_2
## 251          anolis_carolinensis_core_85_2
## 252          anolis_carolinensis_core_86_2
## 253          anolis_carolinensis_core_87_2
## 254          anolis_carolinensis_core_88_2
## 255          anolis_carolinensis_core_89_2
## 256          anolis_carolinensis_core_90_2
## 257          anolis_carolinensis_core_91_2
## 258          anolis_carolinensis_core_92_2
## 259          anolis_carolinensis_core_93_2
## 260          anolis_carolinensis_core_94_2
## 261          anolis_carolinensis_core_95_2
## 262          anolis_carolinensis_core_96_2
## 263          anolis_carolinensis_core_97_2
## 264          anolis_carolinensis_core_98_2
## 265          anolis_carolinensis_core_99_2
## 266      anolis_carolinensis_otherfeatures_53_1
## 267          anolis_carolinensis_otherfeatures_54_1
## 268      anolis_carolinensis_otherfeatures_55_1a
## 269      anolis_carolinensis_otherfeatures_56_1a
## 270      anolis_carolinensis_otherfeatures_57_1a
## 271      anolis_carolinensis_otherfeatures_58_1b
## 272      anolis_carolinensis_otherfeatures_59_1c
## 273      anolis_carolinensis_otherfeatures_60_1d
## 274          anolis_carolinensis_otherfeatures_61_2
## 275      anolis_carolinensis_otherfeatures_62_2a
## 276          anolis_carolinensis_otherfeatures_63_2
## 277          anolis_carolinensis_otherfeatures_64_2
## 278          anolis_carolinensis_otherfeatures_65_2
## 279          anolis_carolinensis_otherfeatures_66_2
## 280          anolis_carolinensis_otherfeatures_67_2

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## 281      anolis_carolinensis_otherfeatures_68_2
## 282      anolis_carolinensis_otherfeatures_69_2
## 283      anolis_carolinensis_otherfeatures_70_2
## 284      anolis_carolinensis_otherfeatures_71_2
## 285      anolis_carolinensis_otherfeatures_72_2
## 286      anolis_carolinensis_otherfeatures_73_2
## 287      anolis_carolinensis_otherfeatures_74_2
## 288      anolis_carolinensis_otherfeatures_75_2
## 289      anolis_carolinensis_otherfeatures_76_2
## 290      anolis_carolinensis_otherfeatures_77_2
## 291      anolis_carolinensis_otherfeatures_78_2
## 292      anolis_carolinensis_otherfeatures_79_2
## 293      anolis_carolinensis_otherfeatures_80_2
## 294      anolis_carolinensis_otherfeatures_81_2
## 295      anolis_carolinensis_otherfeatures_82_2
## 296      anolis_carolinensis_otherfeatures_83_2
## 297      anolis_carolinensis_otherfeatures_84_2
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## 299      anolis_carolinensis_otherfeatures_86_2
## 300      anolis_carolinensis_otherfeatures_87_2
## 301      anolis_carolinensis_otherfeatures_88_2
## 302      anolis_carolinensis_otherfeatures_89_2
## 303      anolis_carolinensis_otherfeatures_90_2
## 304      anolis_carolinensis_otherfeatures_91_2
## 305      anolis_carolinensis_otherfeatures_92_2
## 306      anolis_carolinensis_otherfeatures_93_2
## 307      anolis_carolinensis_otherfeatures_94_2
## 308      anolis_carolinensis_otherfeatures_95_2
## 309      anolis_carolinensis_otherfeatures_96_2
## 310      anolis_carolinensis_otherfeatures_97_2
## 311      anolis_carolinensis_otherfeatures_98_2
## 312      anolis_carolinensis_otherfeatures_99_2
## 313      anolis_carolinensis_rnaseq_71_2
## 314      anolis_carolinensis_rnaseq_72_2
## 315      anolis_carolinensis_rnaseq_73_2
## 316      anolis_carolinensis_rnaseq_74_2
## 317      anolis_carolinensis_rnaseq_75_2
## 318      anolis_carolinensis_rnaseq_76_2
## 319      anolis_carolinensis_rnaseq_77_2
## 320      anolis_carolinensis_rnaseq_78_2
## 321      anolis_carolinensis_rnaseq_79_2
## 322      anolis_carolinensis_rnaseq_80_2
## 323      anolis_carolinensis_rnaseq_81_2
## 324      anolis_carolinensis_rnaseq_82_2
## 325      anolis_carolinensis_rnaseq_83_2
## 326      anolis_carolinensis_rnaseq_84_2
## 327      anolis_carolinensis_rnaseq_85_2
## 328      anolis_carolinensis_rnaseq_86_2
## 329      anolis_carolinensis_rnaseq_87_2
## 330      anolis_carolinensis_rnaseq_88_2
## 331      anolis_carolinensis_rnaseq_89_2
## 332      anolis_carolinensis_rnaseq_90_2
## 333      anolis_carolinensis_rnaseq_91_2
## 334      anolis_carolinensis_rnaseq_92_2

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## 335      anolis_carolinensis_rnaseq_93_2
## 336      anolis_carolinensis_rnaseq_94_2
## 337      anolis_carolinensis_rnaseq_95_2
## 338      anolis_carolinensis_rnaseq_96_2
## 339      anolis_carolinensis_rnaseq_97_2
## 340      anolis_carolinensis_rnaseq_98_2
## 341      anolis_carolinensis_rnaseq_99_2
## 342      anopheles_gambiae_core_48_3j
## 343      anopheles_gambiae_core_49_3j
## 344      anopheles_gambiae_core_50_3k
## 345      anopheles_gambiae_core_51_3k
## 346      anopheles_gambiae_core_52_3k
## 347      anopheles_gambiae_core_53_3k
## 348      anopheles_gambiae_core_54_3k
## 349      anopheles_gambiae_core_55_3k
## 350      anopheles_gambiae_otherfeatures_48_3j
## 351      anopheles_gambiae_otherfeatures_49_3j
## 352      anopheles_gambiae_otherfeatures_50_3k
## 353      anopheles_gambiae_otherfeatures_51_3k
## 354      anopheles_gambiae_otherfeatures_52_3k
## 355      anopheles_gambiae_otherfeatures_53_3k
## 356      anopheles_gambiae_otherfeatures_54_3k
## 357      anopheles_gambiae_otherfeatures_55_3k
## 358      anopheles_gambiae_variation_48_3j
## 359      anopheles_gambiae_variation_49_3j
## 360      anopheles_gambiae_variation_50_3k
## 361      anopheles_gambiae_variation_51_3k
## 362      anopheles_gambiae_variation_52_3k
## 363      anopheles_gambiae_variation_53_3k
## 364      anopheles_gambiae_variation_54_3k
## 365      anopheles_gambiae_variation_55_3k
## 366      anser_brachyrhynchus_core_96_1
## 367      anser_brachyrhynchus_core_97_1
## 368      anser_brachyrhynchus_core_98_1
## 369      anser_brachyrhynchus_core_99_1
## 370      anser_cygnoides_core_99_1
## 371      anser_cygnoides_rnaseq_99_1
## 372      aotus_nancymaae_core_91_1
## 373      aotus_nancymaae_core_92_1
## 374      aotus_nancymaae_core_93_1
## 375      aotus_nancymaae_core_94_1
## 376      aotus_nancymaae_core_95_1
## 377      aotus_nancymaae_core_96_1
## 378      aotus_nancymaae_core_97_1
## 379      aotus_nancymaae_core_98_1
## 380      aotus_nancymaae_core_99_1
## 381      aotus_nancymaae_funcgen_91_1
## 382      aotus_nancymaae_funcgen_92_1
## 383      aotus_nancymaae_funcgen_93_1
## 384      aotus_nancymaae_funcgen_94_1
## 385      aotus_nancymaae_funcgen_95_1
## 386      aotus_nancymaae_funcgen_96_1
## 387      aotus_nancymaae_funcgen_97_1
## 388      aotus_nancymaae_funcgen_98_1

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## 389             aotus_nancymaae_funcgen_99_1
## 390             aotus_nancymaae_otherfeatures_91_1
## 391             aotus_nancymaae_otherfeatures_92_1
## 392             aotus_nancymaae_otherfeatures_93_1
## 393             aotus_nancymaae_otherfeatures_94_1
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## 397             aotus_nancymaae_otherfeatures_98_1
## 398             aotus_nancymaae_otherfeatures_99_1
## 399             aotus_nancymaae_rnaseq_91_1
## 400             aotus_nancymaae_rnaseq_92_1
## 401             aotus_nancymaae_rnaseq_93_1
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## 405             aotus_nancymaae_rnaseq_97_1
## 406             aotus_nancymaae_rnaseq_98_1
## 407             aotus_nancymaae_rnaseq_99_1
## 408             apteryx_haastii_core_96_1
## 409             apteryx_haastii_core_97_1
## 410             apteryx_haastii_core_98_1
## 411             apteryx_haastii_core_99_1
## 412             apteryx_haastii_rnaseq_96_1
## 413             apteryx_haastii_rnaseq_97_1
## 414             apteryx_haastii_rnaseq_98_1
## 415             apteryx_haastii_rnaseq_99_1
## 416             apteryx_owenii_core_96_1
## 417             apteryx_owenii_core_97_1
## 418             apteryx_owenii_core_98_1
## 419             apteryx_owenii_core_99_1
## 420             apteryx_owenii_rnaseq_96_1
## 421             apteryx_owenii_rnaseq_97_1
## 422             apteryx_owenii_rnaseq_98_1
## 423             apteryx_owenii_rnaseq_99_1
## 424             apteryx_rowi_core_96_1
## 425             apteryx_rowi_core_97_1
## 426             apteryx_rowi_core_98_1
## 427             apteryx_rowi_core_99_1
## 428             apteryx_rowi_otherfeatures_96_1
## 429             apteryx_rowi_otherfeatures_97_1
## 430             apteryx_rowi_otherfeatures_98_1
## 431             apteryx_rowi_otherfeatures_99_1
## 432             apteryx_rowi_rnaseq_96_1
## 433             apteryx_rowi_rnaseq_97_1
## 434             apteryx_rowi_rnaseq_98_1
## 435             apteryx_rowi_rnaseq_99_1
## 436             aquila_chrysaetos_chrysaetos_core_99_12
## 437             aquila_chrysaetos_chrysaetos_otherfeatures_99_12
## 438             aquila_chrysaetos_chrysaetos_rnaseq_99_12
## 439             astatotilapia_calliptera_core_94_12
## 440             astatotilapia_calliptera_core_95_12
## 441             astatotilapia_calliptera_core_96_12
## 442             astatotilapia_calliptera_core_97_12

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## 443          astatotilapia_calliptera_core_98_12
## 444          astatotilapia_calliptera_core_99_12
## 445          astatotilapia_calliptera_rnaseq_94_12
## 446          astatotilapia_calliptera_rnaseq_95_12
## 447          astatotilapia_calliptera_rnaseq_96_12
## 448          astatotilapia_calliptera_rnaseq_97_12
## 449          astatotilapia_calliptera_rnaseq_98_12
## 450          astatotilapia_calliptera_rnaseq_99_12
## 451          astyanax_mexicanus_core_74_102
## 452          astyanax_mexicanus_core_75_102
## 453          astyanax_mexicanus_core_76_102
## 454          astyanax_mexicanus_core_77_102
## 455          astyanax_mexicanus_core_78_102
## 456          astyanax_mexicanus_core_79_102
## 457          astyanax_mexicanus_core_80_102
## 458          astyanax_mexicanus_core_81_102
## 459          astyanax_mexicanus_core_82_102
## 460          astyanax_mexicanus_core_83_102
## 461          astyanax_mexicanus_core_84_102
## 462          astyanax_mexicanus_core_85_102
## 463          astyanax_mexicanus_core_86_102
## 464          astyanax_mexicanus_core_87_102
## 465          astyanax_mexicanus_core_88_102
## 466          astyanax_mexicanus_core_89_102
## 467          astyanax_mexicanus_core_90_102
## 468          astyanax_mexicanus_core_91_102
## 469          astyanax_mexicanus_core_92_102
## 470          astyanax_mexicanus_core_93_102
## 471          astyanax_mexicanus_core_94_2
## 472          astyanax_mexicanus_core_95_2
## 473          astyanax_mexicanus_core_96_2
## 474          astyanax_mexicanus_core_97_2
## 475          astyanax_mexicanus_core_98_2
## 476          astyanax_mexicanus_core_99_2
## 477          astyanax_mexicanus_otherfeatures_74_102
## 478          astyanax_mexicanus_otherfeatures_75_102
## 479          astyanax_mexicanus_otherfeatures_76_102
## 480          astyanax_mexicanus_otherfeatures_77_102
## 481          astyanax_mexicanus_otherfeatures_78_102
## 482          astyanax_mexicanus_otherfeatures_79_102
## 483          astyanax_mexicanus_otherfeatures_80_102
## 484          astyanax_mexicanus_otherfeatures_81_102
## 485          astyanax_mexicanus_otherfeatures_82_102
## 486          astyanax_mexicanus_otherfeatures_83_102
## 487          astyanax_mexicanus_otherfeatures_84_102
## 488          astyanax_mexicanus_otherfeatures_85_102
## 489          astyanax_mexicanus_otherfeatures_86_102
## 490          astyanax_mexicanus_otherfeatures_87_102
## 491          astyanax_mexicanus_otherfeatures_88_102
## 492          astyanax_mexicanus_otherfeatures_89_102
## 493          astyanax_mexicanus_otherfeatures_90_102
## 494          astyanax_mexicanus_otherfeatures_91_102
## 495          astyanax_mexicanus_otherfeatures_92_102
## 496          astyanax_mexicanus_otherfeatures_93_102

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## 497      astyanax_mexicanus_otherfeatures_94_2
## 498      astyanax_mexicanus_otherfeatures_95_2
## 499      astyanax_mexicanus_otherfeatures_96_2
## 500      astyanax_mexicanus_otherfeatures_97_2
## 501      astyanax_mexicanus_pachon_core_98_102
## 502      astyanax_mexicanus_pachon_core_99_102
## 503      astyanax_mexicanus_pachon_rnaseq_98_102
## 504      astyanax_mexicanus_pachon_rnaseq_99_102
## 505          astyanax_mexicanus_rnaseq_74_102
## 506          astyanax_mexicanus_rnaseq_75_102
## 507          astyanax_mexicanus_rnaseq_76_102
## 508          astyanax_mexicanus_rnaseq_77_102
## 509          astyanax_mexicanus_rnaseq_78_102
## 510          astyanax_mexicanus_rnaseq_79_102
## 511          astyanax_mexicanus_rnaseq_80_102
## 512          astyanax_mexicanus_rnaseq_81_102
## 513          astyanax_mexicanus_rnaseq_82_102
## 514          astyanax_mexicanus_rnaseq_83_102
## 515          astyanax_mexicanus_rnaseq_84_102
## 516          astyanax_mexicanus_rnaseq_85_102
## 517          astyanax_mexicanus_rnaseq_86_102
## 518          astyanax_mexicanus_rnaseq_87_102
## 519          astyanax_mexicanus_rnaseq_88_102
## 520          astyanax_mexicanus_rnaseq_89_102
## 521          astyanax_mexicanus_rnaseq_90_102
## 522          astyanax_mexicanus_rnaseq_91_102
## 523          astyanax_mexicanus_rnaseq_92_102
## 524          astyanax_mexicanus_rnaseq_93_102
## 525          astyanax_mexicanus_rnaseq_94_2
## 526          astyanax_mexicanus_rnaseq_95_2
## 527          astyanax_mexicanus_rnaseq_96_2
## 528          astyanax_mexicanus_rnaseq_97_2
## 529          astyanax_mexicanus_rnaseq_98_2
## 530          astyanax_mexicanus_rnaseq_99_2
## 531          athene_cunicularia_core_99_1
## 532      athene_cunicularia_otherfeatures_99_1
## 533          athene_cunicularia_rnaseq_99_1
## 534          betta_splendens_core_98_52
## 535          betta_splendens_core_99_52
## 536      betta_splendens_otherfeatures_98_52
## 537      betta_splendens_otherfeatures_99_52
## 538          betta_splendens_rnaseq_98_52
## 539          betta_splendens_rnaseq_99_52
## 540          bison_bison_bison_core_96_1
## 541          bison_bison_bison_core_97_1
## 542          bison_bison_bison_core_98_1
## 543          bison_bison_bison_core_99_1
## 544      bison_bison_bison_otherfeatures_96_1
## 545      bison_bison_bison_otherfeatures_97_1
## 546      bison_bison_bison_otherfeatures_98_1
## 547      bison_bison_bison_otherfeatures_99_1
## 548          bos_grunniens_core_99_3
## 549          bos_grunniens_rnaseq_99_3
## 550          bos_indicus_hybrid_core_97_1

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## 551          bos_indicus_hybrid_core_98_1
## 552          bos_indicus_hybrid_core_99_1
## 553    bos_indicus_hybrid_otherfeatures_97_1
## 554    bos_indicus_hybrid_otherfeatures_98_1
## 555    bos_indicus_hybrid_otherfeatures_99_1
## 556          bos_indicus_hybrid_rnaseq_97_1
## 557          bos_indicus_hybrid_rnaseq_98_1
## 558          bos_indicus_hybrid_rnaseq_99_1
## 559                bos_mutus_core_96_2
## 560                bos_mutus_core_97_2
## 561                bos_mutus_core_98_2
## 562                bos_mutus_core_99_2
## 563    bos_mutus_otherfeatures_96_2
## 564    bos_mutus_otherfeatures_97_2
## 565    bos_mutus_otherfeatures_98_2
## 566    bos_mutus_otherfeatures_99_2
## 567          bos_mutus_rnaseq_96_2
## 568          bos_mutus_rnaseq_97_2
## 569          bos_mutus_rnaseq_98_2
## 570          bos_mutus_rnaseq_99_2
## 571          bos_taurus_core_48_3e
## 572          bos_taurus_core_49_3f
## 573          bos_taurus_core_50_4
## 574          bos_taurus_core_51_4a
## 575          bos_taurus_core_52_4b
## 576          bos_taurus_core_53_4c
## 577          bos_taurus_core_54_4d
## 578          bos_taurus_core_55_4e
## 579          bos_taurus_core_56_4e
## 580          bos_taurus_core_57_4f
## 581          bos_taurus_core_58_4g
## 582          bos_taurus_core_59_4h
## 583          bos_taurus_core_60_4i
## 584          bos_taurus_core_61_4j
## 585          bos_taurus_core_62_4k
## 586          bos_taurus_core_63_4
## 587          bos_taurus_core_64_31
## 588          bos_taurus_core_65_31
## 589          bos_taurus_core_66_31
## 590          bos_taurus_core_67_31
## 591          bos_taurus_core_68_31
## 592          bos_taurus_core_69_31
## 593          bos_taurus_core_70_31
## 594          bos_taurus_core_71_31
## 595          bos_taurus_core_72_31
## 596          bos_taurus_core_73_31
## 597          bos_taurus_core_74_31
## 598          bos_taurus_core_75_31
## 599          bos_taurus_core_76_31
## 600          bos_taurus_core_77_31
## 601          bos_taurus_core_78_31
## 602          bos_taurus_core_79_31
## 603          bos_taurus_core_80_31
## 604          bos_taurus_core_81_31

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## 605         bos_taurus_core_82_31
## 606         bos_taurus_core_83_31
## 607         bos_taurus_core_84_31
## 608         bos_taurus_core_85_31
## 609         bos_taurus_core_86_31
## 610         bos_taurus_core_87_31
## 611         bos_taurus_core_88_31
## 612         bos_taurus_core_89_31
## 613         bos_taurus_core_90_31
## 614         bos_taurus_core_91_31
## 615         bos_taurus_core_92_31
## 616         bos_taurus_core_93_31
## 617         bos_taurus_core_94_31
## 618         bos_taurus_core_95_12
## 619         bos_taurus_core_96_12
## 620         bos_taurus_core_97_12
## 621         bos_taurus_core_98_12
## 622         bos_taurus_core_99_12
## 623         bos_taurus_funcgen_55_4e
## 624         bos_taurus_funcgen_56_4e
## 625         bos_taurus_funcgen_57_4f
## 626         bos_taurus_funcgen_58_4g
## 627         bos_taurus_funcgen_59_4h
## 628         bos_taurus_funcgen_60_4i
## 629         bos_taurus_funcgen_61_4j
## 630         bos_taurus_funcgen_62_4k
## 631         bos_taurus_funcgen_63_4
## 632         bos_taurus_funcgen_64_31
## 633         bos_taurus_funcgen_65_31
## 634         bos_taurus_funcgen_66_31
## 635         bos_taurus_funcgen_67_31
## 636         bos_taurus_funcgen_68_31
## 637         bos_taurus_funcgen_69_31
## 638         bos_taurus_funcgen_70_31
## 639         bos_taurus_funcgen_71_31
## 640         bos_taurus_funcgen_72_31
## 641         bos_taurus_funcgen_73_31
## 642         bos_taurus_funcgen_74_31
## 643         bos_taurus_funcgen_75_31
## 644         bos_taurus_funcgen_76_31
## 645         bos_taurus_funcgen_77_31
## 646         bos_taurus_funcgen_78_31
## 647         bos_taurus_funcgen_79_31
## 648         bos_taurus_funcgen_80_31
## 649         bos_taurus_funcgen_81_31
## 650         bos_taurus_funcgen_82_31
## 651         bos_taurus_funcgen_83_31
## 652         bos_taurus_funcgen_84_31
## 653         bos_taurus_funcgen_85_31
## 654         bos_taurus_funcgen_86_31
## 655         bos_taurus_funcgen_87_31
## 656         bos_taurus_funcgen_88_31
## 657         bos_taurus_funcgen_89_31
## 658         bos_taurus_funcgen_90_31

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## 659          bos_taurus_funcgen_91_31
## 660          bos_taurus_funcgen_92_31
## 661          bos_taurus_funcgen_93_31
## 662          bos_taurus_funcgen_94_31
## 663          bos_taurus_funcgen_95_12
## 664          bos_taurus_funcgen_96_12
## 665          bos_taurus_funcgen_97_12
## 666          bos_taurus_funcgen_98_12
## 667          bos_taurus_funcgen_99_12
## 668          bos_taurus_hybrid_core_97_1
## 669          bos_taurus_hybrid_core_98_1
## 670          bos_taurus_hybrid_core_99_1
## 671    bos_taurus_hybrid_otherfeatures_97_1
## 672    bos_taurus_hybrid_otherfeatures_98_1
## 673    bos_taurus_hybrid_otherfeatures_99_1
## 674          bos_taurus_hybrid_rnaseq_97_1
## 675          bos_taurus_hybrid_rnaseq_98_1
## 676          bos_taurus_hybrid_rnaseq_99_1
## 677    bos_taurus_otherfeatures_48_3e
## 678    bos_taurus_otherfeatures_49_3f
## 679          bos_taurus_otherfeatures_50_4
## 680    bos_taurus_otherfeatures_51_4a
## 681    bos_taurus_otherfeatures_52_4b
## 682    bos_taurus_otherfeatures_53_4c
## 683    bos_taurus_otherfeatures_54_4d
## 684    bos_taurus_otherfeatures_55_4e
## 685    bos_taurus_otherfeatures_56_4e
## 686    bos_taurus_otherfeatures_57_4f
## 687    bos_taurus_otherfeatures_58_4g
## 688    bos_taurus_otherfeatures_59_4h
## 689    bos_taurus_otherfeatures_60_4i
## 690    bos_taurus_otherfeatures_61_4j
## 691    bos_taurus_otherfeatures_62_4k
## 692          bos_taurus_otherfeatures_63_4
## 693    bos_taurus_otherfeatures_64_31
## 694    bos_taurus_otherfeatures_65_31
## 695    bos_taurus_otherfeatures_66_31
## 696    bos_taurus_otherfeatures_67_31
## 697    bos_taurus_otherfeatures_68_31
## 698    bos_taurus_otherfeatures_69_31
## 699    bos_taurus_otherfeatures_70_31
## 700    bos_taurus_otherfeatures_71_31
## 701    bos_taurus_otherfeatures_72_31
## 702    bos_taurus_otherfeatures_73_31
## 703    bos_taurus_otherfeatures_74_31
## 704    bos_taurus_otherfeatures_75_31
## 705    bos_taurus_otherfeatures_76_31
## 706    bos_taurus_otherfeatures_77_31
## 707    bos_taurus_otherfeatures_78_31
## 708    bos_taurus_otherfeatures_79_31
## 709    bos_taurus_otherfeatures_80_31
## 710    bos_taurus_otherfeatures_81_31
## 711    bos_taurus_otherfeatures_82_31
## 712    bos_taurus_otherfeatures_83_31

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## 713	bos_taurus_otherfeatures_84_31
## 714	bos_taurus_otherfeatures_85_31
## 715	bos_taurus_otherfeatures_86_31
## 716	bos_taurus_otherfeatures_87_31
## 717	bos_taurus_otherfeatures_88_31
## 718	bos_taurus_otherfeatures_89_31
## 719	bos_taurus_otherfeatures_90_31
## 720	bos_taurus_otherfeatures_91_31
## 721	bos_taurus_otherfeatures_92_31
## 722	bos_taurus_otherfeatures_93_31
## 723	bos_taurus_otherfeatures_94_31
## 724	bos_taurus_otherfeatures_95_12
## 725	bos_taurus_otherfeatures_96_12
## 726	bos_taurus_otherfeatures_97_12
## 727	bos_taurus_otherfeatures_98_12
## 728	bos_taurus_otherfeatures_99_12
## 729	bos_taurus_rnaseq_95_12
## 730	bos_taurus_rnaseq_96_12
## 731	bos_taurus_rnaseq_97_12
## 732	bos_taurus_rnaseq_98_12
## 733	bos_taurus_rnaseq_99_12
## 734	bos_taurus_variation_48_3e
## 735	bos_taurus_variation_49_3f
## 736	bos_taurus_variation_50_4
## 737	bos_taurus_variation_51_4a
## 738	bos_taurus_variation_52_4b
## 739	bos_taurus_variation_53_4c
## 740	bos_taurus_variation_54_4d
## 741	bos_taurus_variation_55_4e
## 742	bos_taurus_variation_56_4e
## 743	bos_taurus_variation_57_4f
## 744	bos_taurus_variation_58_4g
## 745	bos_taurus_variation_59_4h
## 746	bos_taurus_variation_60_4i
## 747	bos_taurus_variation_61_4j
## 748	bos_taurus_variation_62_4k
## 749	bos_taurus_variation_63_4
## 750	bos_taurus_variation_64_31
## 751	bos_taurus_variation_65_31
## 752	bos_taurus_variation_66_31
## 753	bos_taurus_variation_67_31
## 754	bos_taurus_variation_68_31
## 755	bos_taurus_variation_69_31
## 756	bos_taurus_variation_70_31
## 757	bos_taurus_variation_71_31
## 758	bos_taurus_variation_72_31
## 759	bos_taurus_variation_73_31
## 760	bos_taurus_variation_74_31
## 761	bos_taurus_variation_75_31
## 762	bos_taurus_variation_76_31
## 763	bos_taurus_variation_77_31
## 764	bos_taurus_variation_78_31
## 765	bos_taurus_variation_79_31
## 766	bos_taurus_variation_80_31

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## 767          bos_taurus_variation_81_31
## 768          bos_taurus_variation_82_31
## 769          bos_taurus_variation_83_31
## 770          bos_taurus_variation_84_31
## 771          bos_taurus_variation_85_31
## 772          bos_taurus_variation_86_31
## 773          bos_taurus_variation_87_31
## 774          bos_taurus_variation_88_31
## 775          bos_taurus_variation_89_31
## 776          bos_taurus_variation_90_31
## 777          bos_taurus_variation_91_31
## 778          bos_taurus_variation_92_31
## 779          bos_taurus_variation_93_31
## 780          bos_taurus_variation_94_31
## 781          bos_taurus_variation_95_12
## 782          bos_taurus_variation_96_12
## 783          bos_taurus_variation_97_12
## 784          bos_taurus_variation_98_12
## 785          bos_taurus_variation_99_12
## 786          caenorhabditis_elegans_core_48_180a
## 787          caenorhabditis_elegans_core_49_180a
## 788          caenorhabditis_elegans_core_50_190
## 789          caenorhabditis_elegans_core_51_190
## 790          caenorhabditis_elegans_core_52_190
## 791          caenorhabditis_elegans_core_53_190
## 792          caenorhabditis_elegans_core_54_190
## 793          caenorhabditis_elegans_core_55_200
## 794          caenorhabditis_elegans_core_56_200
## 795          caenorhabditis_elegans_core_57_200a
## 796          caenorhabditis_elegans_core_58_210
## 797          caenorhabditis_elegans_core_59_210a
## 798          caenorhabditis_elegans_core_60_210b
## 799          caenorhabditis_elegans_core_61_220
## 800          caenorhabditis_elegans_core_62_220a
## 801          caenorhabditis_elegans_core_63_220
## 802          caenorhabditis_elegans_core_64_220
## 803          caenorhabditis_elegans_core_65_220
## 804          caenorhabditis_elegans_core_66_220
## 805          caenorhabditis_elegans_core_67_230
## 806          caenorhabditis_elegans_core_68_230
## 807          caenorhabditis_elegans_core_69_230
## 808          caenorhabditis_elegans_core_70_230
## 809          caenorhabditis_elegans_core_71_235
## 810          caenorhabditis_elegans_core_72_235
## 811          caenorhabditis_elegans_core_73_235
## 812          caenorhabditis_elegans_core_74_235
## 813          caenorhabditis_elegans_core_75_240
## 814          caenorhabditis_elegans_core_76_240
## 815          caenorhabditis_elegans_core_77_240
## 816          caenorhabditis_elegans_core_78_245
## 817          caenorhabditis_elegans_core_79_245
## 818          caenorhabditis_elegans_core_80_245
## 819          caenorhabditis_elegans_core_81_245
## 820          caenorhabditis_elegans_core_82_245

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## 821      caenorhabditis_elegans_core_83_245
## 822      caenorhabditis_elegans_core_84_245
## 823      caenorhabditis_elegans_core_85_250
## 824      caenorhabditis_elegans_core_86_250
## 825      caenorhabditis_elegans_core_87_250
## 826      caenorhabditis_elegans_core_88_250
## 827      caenorhabditis_elegans_core_89_250
## 828      caenorhabditis_elegans_core_90_250
## 829      caenorhabditis_elegans_core_91_260
## 830      caenorhabditis_elegans_core_92_260
## 831      caenorhabditis_elegans_core_93_260
## 832      caenorhabditis_elegans_core_94_260
## 833      caenorhabditis_elegans_core_95_260
## 834      caenorhabditis_elegans_core_96_260
## 835      caenorhabditis_elegans_core_97_269
## 836      caenorhabditis_elegans_core_98_269
## 837      caenorhabditis_elegans_core_99_269
## 838      caenorhabditis_elegans_funcgen_55_200
## 839      caenorhabditis_elegans_funcgen_56_200
## 840      caenorhabditis_elegans_funcgen_57_200a
## 841      caenorhabditis_elegans_funcgen_58_210
## 842      caenorhabditis_elegans_funcgen_59_210a
## 843      caenorhabditis_elegans_funcgen_60_210b
## 844      caenorhabditis_elegans_funcgen_61_220
## 845      caenorhabditis_elegans_funcgen_62_220a
## 846      caenorhabditis_elegans_funcgen_63_220
## 847      caenorhabditis_elegans_funcgen_64_220
## 848      caenorhabditis_elegans_funcgen_65_220
## 849      caenorhabditis_elegans_funcgen_66_220
## 850      caenorhabditis_elegans_funcgen_67_230
## 851      caenorhabditis_elegans_funcgen_68_230
## 852      caenorhabditis_elegans_funcgen_69_230
## 853      caenorhabditis_elegans_funcgen_70_230
## 854      caenorhabditis_elegans_funcgen_71_235
## 855      caenorhabditis_elegans_funcgen_72_235
## 856      caenorhabditis_elegans_funcgen_73_235
## 857      caenorhabditis_elegans_funcgen_74_235
## 858      caenorhabditis_elegans_funcgen_75_240
## 859      caenorhabditis_elegans_funcgen_76_240
## 860      caenorhabditis_elegans_funcgen_77_240
## 861      caenorhabditis_elegans_funcgen_78_245
## 862      caenorhabditis_elegans_funcgen_79_245
## 863      caenorhabditis_elegans_funcgen_80_245
## 864      caenorhabditis_elegans_funcgen_81_245
## 865      caenorhabditis_elegans_funcgen_82_245
## 866      caenorhabditis_elegans_funcgen_83_245
## 867      caenorhabditis_elegans_funcgen_84_245
## 868      caenorhabditis_elegans_funcgen_85_250
## 869      caenorhabditis_elegans_funcgen_86_250
## 870      caenorhabditis_elegans_funcgen_87_250
## 871      caenorhabditis_elegans_funcgen_88_250
## 872      caenorhabditis_elegans_funcgen_89_250
## 873      caenorhabditis_elegans_funcgen_90_250
## 874      caenorhabditis_elegans_funcgen_91_260

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## 875      caenorhabditis_elegans_funcgen_92_260
## 876      caenorhabditis_elegans_funcgen_93_260
## 877      caenorhabditis_elegans_funcgen_94_260
## 878      caenorhabditis_elegans_funcgen_95_260
## 879      caenorhabditis_elegans_funcgen_96_260
## 880      caenorhabditis_elegans_funcgen_97_269
## 881      caenorhabditis_elegans_funcgen_98_269
## 882      caenorhabditis_elegans_funcgen_99_269
## 883          calidris_pugnax_core_96_1
## 884          calidris_pugnax_core_97_1
## 885          calidris_pugnax_core_98_1
## 886          calidris_pugnax_core_99_1
## 887      calidris_pugnax_otherfeatures_96_1
## 888      calidris_pugnax_otherfeatures_97_1
## 889      calidris_pugnax_otherfeatures_98_1
## 890      calidris_pugnax_otherfeatures_99_1
## 891          calidris_pugnax_rnaseq_96_1
## 892          calidris_pugnax_rnaseq_97_1
## 893          calidris_pugnax_rnaseq_98_1
## 894          calidris_pugnax_rnaseq_99_1
## 895          calidris_pygmaea_core_96_1
## 896          calidris_pygmaea_core_97_1
## 897          calidris_pygmaea_core_98_1
## 898          calidris_pygmaea_core_99_1
## 899      calidris_pygmaea_rnaseq_96_1
## 900      calidris_pygmaea_rnaseq_97_1
## 901      calidris_pygmaea_rnaseq_98_1
## 902      calidris_pygmaea_rnaseq_99_1
## 903          callithrix_jacchus_core_56_3
## 904          callithrix_jacchus_core_57_3
## 905      callithrix_jacchus_core_58_321
## 906      callithrix_jacchus_core_59_321a
## 907      callithrix_jacchus_core_60_321b
## 908      callithrix_jacchus_core_61_321c
## 909      callithrix_jacchus_core_62_321d
## 910      callithrix_jacchus_core_63_321
## 911      callithrix_jacchus_core_64_321
## 912      callithrix_jacchus_core_65_321
## 913      callithrix_jacchus_core_66_321
## 914      callithrix_jacchus_core_67_321
## 915      callithrix_jacchus_core_68_321
## 916      callithrix_jacchus_core_69_321
## 917      callithrix_jacchus_core_70_321
## 918      callithrix_jacchus_core_71_321
## 919      callithrix_jacchus_core_72_321
## 920      callithrix_jacchus_core_73_321
## 921      callithrix_jacchus_core_74_321
## 922      callithrix_jacchus_core_75_321
## 923      callithrix_jacchus_core_76_321
## 924      callithrix_jacchus_core_77_321
## 925      callithrix_jacchus_core_78_321
## 926      callithrix_jacchus_core_79_321
## 927      callithrix_jacchus_core_80_321
## 928      callithrix_jacchus_core_81_321

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## 929      callithrix_jacchus_core_82_321
## 930      callithrix_jacchus_core_83_321
## 931      callithrix_jacchus_core_84_321
## 932      callithrix_jacchus_core_85_321
## 933      callithrix_jacchus_core_86_321
## 934      callithrix_jacchus_core_87_321
## 935      callithrix_jacchus_core_88_321
## 936      callithrix_jacchus_core_89_321
## 937      callithrix_jacchus_core_90_321
## 938      callithrix_jacchus_core_91_321
## 939      callithrix_jacchus_core_92_1
## 940      callithrix_jacchus_core_93_1
## 941      callithrix_jacchus_core_94_1
## 942      callithrix_jacchus_core_95_1
## 943      callithrix_jacchus_core_96_1
## 944      callithrix_jacchus_core_97_1
## 945      callithrix_jacchus_core_98_1
## 946      callithrix_jacchus_core_99_1
## 947      callithrix_jacchus_funcgen_92_1
## 948      callithrix_jacchus_funcgen_93_1
## 949      callithrix_jacchus_funcgen_94_1
## 950      callithrix_jacchus_funcgen_95_1
## 951      callithrix_jacchus_funcgen_96_1
## 952      callithrix_jacchus_funcgen_97_1
## 953      callithrix_jacchus_funcgen_98_1
## 954      callithrix_jacchus_funcgen_99_1
## 955      callithrix_jacchus_otherfeatures_56_3
## 956      callithrix_jacchus_otherfeatures_57_3
## 957      callithrix_jacchus_otherfeatures_58_321
## 958      callithrix_jacchus_otherfeatures_59_321a
## 959      callithrix_jacchus_otherfeatures_60_321b
## 960      callithrix_jacchus_otherfeatures_61_321c
## 961      callithrix_jacchus_otherfeatures_62_321d
## 962      callithrix_jacchus_otherfeatures_63_321
## 963      callithrix_jacchus_otherfeatures_64_321
## 964      callithrix_jacchus_otherfeatures_65_321
## 965      callithrix_jacchus_otherfeatures_66_321
## 966      callithrix_jacchus_otherfeatures_67_321
## 967      callithrix_jacchus_otherfeatures_68_321
## 968      callithrix_jacchus_otherfeatures_69_321
## 969      callithrix_jacchus_otherfeatures_70_321
## 970      callithrix_jacchus_otherfeatures_71_321
## 971      callithrix_jacchus_otherfeatures_72_321
## 972      callithrix_jacchus_otherfeatures_73_321
## 973      callithrix_jacchus_otherfeatures_74_321
## 974      callithrix_jacchus_otherfeatures_75_321
## 975      callithrix_jacchus_otherfeatures_76_321
## 976      callithrix_jacchus_otherfeatures_77_321
## 977      callithrix_jacchus_otherfeatures_78_321
## 978      callithrix_jacchus_otherfeatures_79_321
## 979      callithrix_jacchus_otherfeatures_80_321
## 980      callithrix_jacchus_otherfeatures_81_321
## 981      callithrix_jacchus_otherfeatures_82_321
## 982      callithrix_jacchus_otherfeatures_83_321

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## 983      callithrix_jacchus_otherfeatures_84_321
## 984      callithrix_jacchus_otherfeatures_85_321
## 985      callithrix_jacchus_otherfeatures_86_321
## 986      callithrix_jacchus_otherfeatures_87_321
## 987      callithrix_jacchus_otherfeatures_88_321
## 988      callithrix_jacchus_otherfeatures_89_321
## 989      callithrix_jacchus_otherfeatures_90_321
## 990      callithrix_jacchus_otherfeatures_91_321
## 991      callithrix_jacchus_rnaseq_92_1
## 992      callithrix_jacchus_rnaseq_93_1
## 993      callithrix_jacchus_rnaseq_94_1
## 994      callithrix_jacchus_rnaseq_95_1
## 995      callithrix_jacchus_rnaseq_96_1
## 996      callithrix_jacchus_rnaseq_97_1
## 997      callithrix_jacchus_rnaseq_98_1
## 998      callithrix_jacchus_rnaseq_99_1
## 999      callorhinchus_milii_core_97_613
## 1000     callorhinchus_milii_core_98_613
## 1001     callorhinchus_milii_core_99_613
## 1002     callorhinchus_milii_otherfeatures_97_613
## 1003     callorhinchus_milii_otherfeatures_98_613
## 1004     callorhinchus_milii_otherfeatures_99_613
## 1005     callorhinchus_milii_rnaseq_97_613
## 1006     callorhinchus_milii_rnaseq_98_613
## 1007     callorhinchus_milii_rnaseq_99_613
## 1008     camelus_dromedarius_core_99_2
## 1009     camelus_dromedarius_rnaseq_99_2
## 1010     canis_familiaris_core_48_2f
## 1011     canis_familiaris_core_49_2g
## 1012     canis_familiaris_core_50_2h
## 1013     canis_familiaris_core_51_2i
## 1014     canis_familiaris_core_52_2j
## 1015     canis_familiaris_core_53_2k
## 1016     canis_familiaris_core_54_2l
## 1017     canis_familiaris_core_55_2m
## 1018     canis_familiaris_core_56_2m
## 1019     canis_familiaris_core_57_2m
## 1020     canis_familiaris_core_58_2n
## 1021     canis_familiaris_core_59_2o
## 1022     canis_familiaris_core_60_2p
## 1023     canis_familiaris_core_61_2q
## 1024     canis_familiaris_core_62_2r
## 1025     canis_familiaris_core_63_2
## 1026     canis_familiaris_core_64_2
## 1027     canis_familiaris_core_65_2
## 1028     canis_familiaris_core_66_2
## 1029     canis_familiaris_core_67_2
## 1030     canis_familiaris_core_68_31
## 1031     canis_familiaris_core_69_31
## 1032     canis_familiaris_core_70_31
## 1033     canis_familiaris_core_71_31
## 1034     canis_familiaris_core_72_31
## 1035     canis_familiaris_core_73_31
## 1036     canis_familiaris_core_74_31

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## 1037	canis_familiaris_core_75_31
## 1038	canis_familiaris_core_76_31
## 1039	canis_familiaris_core_77_31
## 1040	canis_familiaris_core_78_31
## 1041	canis_familiaris_core_79_31
## 1042	canis_familiaris_core_80_31
## 1043	canis_familiaris_core_81_31
## 1044	canis_familiaris_core_82_31
## 1045	canis_familiaris_core_83_31
## 1046	canis_familiaris_core_84_31
## 1047	canis_familiaris_core_85_31
## 1048	canis_familiaris_core_86_31
## 1049	canis_familiaris_core_87_31
## 1050	canis_familiaris_core_88_31
## 1051	canis_familiaris_core_89_31
## 1052	canis_familiaris_core_90_31
## 1053	canis_familiaris_core_91_31
## 1054	canis_familiaris_core_92_31
## 1055	canis_familiaris_core_93_31
## 1056	canis_familiaris_core_94_31
## 1057	canis_familiaris_core_95_31
## 1058	canis_familiaris_core_96_31
## 1059	canis_familiaris_core_97_31
## 1060	canis_familiaris_core_98_31
## 1061	canis_familiaris_core_99_31
## 1062	canis_familiaris_funcgen_55_2m
## 1063	canis_familiaris_funcgen_56_2m
## 1064	canis_familiaris_funcgen_57_2m
## 1065	canis_familiaris_funcgen_58_2n
## 1066	canis_familiaris_funcgen_59_2o
## 1067	canis_familiaris_funcgen_60_2p
## 1068	canis_familiaris_funcgen_61_2q
## 1069	canis_familiaris_funcgen_62_2r
## 1070	canis_familiaris_funcgen_63_2
## 1071	canis_familiaris_funcgen_64_2
## 1072	canis_familiaris_funcgen_65_2
## 1073	canis_familiaris_funcgen_66_2
## 1074	canis_familiaris_funcgen_67_2
## 1075	canis_familiaris_funcgen_68_31
## 1076	canis_familiaris_funcgen_69_31
## 1077	canis_familiaris_funcgen_70_31
## 1078	canis_familiaris_funcgen_71_31
## 1079	canis_familiaris_funcgen_72_31
## 1080	canis_familiaris_funcgen_73_31
## 1081	canis_familiaris_funcgen_74_31
## 1082	canis_familiaris_funcgen_75_31
## 1083	canis_familiaris_funcgen_76_31
## 1084	canis_familiaris_funcgen_77_31
## 1085	canis_familiaris_funcgen_78_31
## 1086	canis_familiaris_funcgen_79_31
## 1087	canis_familiaris_funcgen_80_31
## 1088	canis_familiaris_funcgen_81_31
## 1089	canis_familiaris_funcgen_82_31
## 1090	canis_familiaris_funcgen_83_31

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## 1091      canis_familiaris_funcgen_84_31
## 1092      canis_familiaris_funcgen_85_31
## 1093      canis_familiaris_funcgen_86_31
## 1094      canis_familiaris_funcgen_87_31
## 1095      canis_familiaris_funcgen_88_31
## 1096      canis_familiaris_funcgen_89_31
## 1097      canis_familiaris_funcgen_90_31
## 1098      canis_familiaris_funcgen_91_31
## 1099      canis_familiaris_funcgen_92_31
## 1100      canis_familiaris_funcgen_93_31
## 1101      canis_familiaris_funcgen_94_31
## 1102      canis_familiaris_funcgen_95_31
## 1103      canis_familiaris_funcgen_96_31
## 1104      canis_familiaris_funcgen_97_31
## 1105      canis_familiaris_funcgen_98_31
## 1106      canis_familiaris_funcgen_99_31
## 1107      canis_familiaris_otherfeatures_48_2f
## 1108      canis_familiaris_otherfeatures_49_2g
## 1109      canis_familiaris_otherfeatures_50_2h
## 1110      canis_familiaris_otherfeatures_51_2i
## 1111      canis_familiaris_otherfeatures_52_2j
## 1112      canis_familiaris_otherfeatures_53_2k
## 1113      canis_familiaris_otherfeatures_54_2l
## 1114      canis_familiaris_otherfeatures_55_2m
## 1115      canis_familiaris_otherfeatures_56_2m
## 1116      canis_familiaris_otherfeatures_57_2m
## 1117      canis_familiaris_otherfeatures_58_2n
## 1118      canis_familiaris_otherfeatures_59_2o
## 1119      canis_familiaris_otherfeatures_60_2p
## 1120      canis_familiaris_otherfeatures_61_2q
## 1121      canis_familiaris_otherfeatures_62_2r
## 1122      canis_familiaris_otherfeatures_63_2
## 1123      canis_familiaris_otherfeatures_64_2
## 1124      canis_familiaris_otherfeatures_65_2
## 1125      canis_familiaris_otherfeatures_66_2
## 1126      canis_familiaris_otherfeatures_67_2
## 1127      canis_familiaris_otherfeatures_68_31
## 1128      canis_familiaris_otherfeatures_69_31
## 1129      canis_familiaris_otherfeatures_70_31
## 1130      canis_familiaris_otherfeatures_71_31
## 1131      canis_familiaris_otherfeatures_72_31
## 1132      canis_familiaris_otherfeatures_73_31
## 1133      canis_familiaris_otherfeatures_74_31
## 1134      canis_familiaris_otherfeatures_75_31
## 1135      canis_familiaris_otherfeatures_76_31
## 1136      canis_familiaris_otherfeatures_77_31
## 1137      canis_familiaris_otherfeatures_78_31
## 1138      canis_familiaris_otherfeatures_79_31
## 1139      canis_familiaris_otherfeatures_80_31
## 1140      canis_familiaris_otherfeatures_81_31
## 1141      canis_familiaris_otherfeatures_82_31
## 1142      canis_familiaris_otherfeatures_83_31
## 1143      canis_familiaris_otherfeatures_84_31
## 1144      canis_familiaris_otherfeatures_85_31

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## 1145      canis_familiaris_otherfeatures_86_31
## 1146      canis_familiaris_otherfeatures_87_31
## 1147      canis_familiaris_otherfeatures_88_31
## 1148      canis_familiaris_otherfeatures_89_31
## 1149      canis_familiaris_otherfeatures_90_31
## 1150      canis_familiaris_otherfeatures_91_31
## 1151      canis_familiaris_otherfeatures_92_31
## 1152      canis_familiaris_otherfeatures_93_31
## 1153      canis_familiaris_otherfeatures_94_31
## 1154      canis_familiaris_otherfeatures_95_31
## 1155      canis_familiaris_otherfeatures_96_31
## 1156      canis_familiaris_otherfeatures_97_31
## 1157      canis_familiaris_otherfeatures_98_31
## 1158      canis_familiaris_otherfeatures_99_31
## 1159      canis_familiaris_rnaseq_68_31
## 1160      canis_familiaris_rnaseq_69_31
## 1161      canis_familiaris_rnaseq_70_31
## 1162      canis_familiaris_rnaseq_71_31
## 1163      canis_familiaris_rnaseq_72_31
## 1164      canis_familiaris_rnaseq_73_31
## 1165      canis_familiaris_rnaseq_74_31
## 1166      canis_familiaris_rnaseq_75_31
## 1167      canis_familiaris_rnaseq_76_31
## 1168      canis_familiaris_rnaseq_77_31
## 1169      canis_familiaris_rnaseq_78_31
## 1170      canis_familiaris_rnaseq_79_31
## 1171      canis_familiaris_rnaseq_80_31
## 1172      canis_familiaris_rnaseq_81_31
## 1173      canis_familiaris_rnaseq_82_31
## 1174      canis_familiaris_rnaseq_83_31
## 1175      canis_familiaris_rnaseq_84_31
## 1176      canis_familiaris_rnaseq_85_31
## 1177      canis_familiaris_rnaseq_86_31
## 1178      canis_familiaris_rnaseq_87_31
## 1179      canis_familiaris_rnaseq_88_31
## 1180      canis_familiaris_rnaseq_89_31
## 1181      canis_familiaris_rnaseq_90_31
## 1182      canis_familiaris_rnaseq_91_31
## 1183      canis_familiaris_rnaseq_92_31
## 1184      canis_familiaris_rnaseq_93_31
## 1185      canis_familiaris_rnaseq_94_31
## 1186      canis_familiaris_rnaseq_95_31
## 1187      canis_familiaris_rnaseq_96_31
## 1188      canis_familiaris_rnaseq_97_31
## 1189      canis_familiaris_rnaseq_98_31
## 1190      canis_familiaris_rnaseq_99_31
## 1191      canis_familiaris_variation_48_2f
## 1192      canis_familiaris_variation_49_2g
## 1193      canis_familiaris_variation_50_2h
## 1194      canis_familiaris_variation_51_2i
## 1195      canis_familiaris_variation_52_2j
## 1196      canis_familiaris_variation_53_2k
## 1197      canis_familiaris_variation_54_2l
## 1198      canis_familiaris_variation_55_2m

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## 1199      canis_familiaris_variation_56_2m
## 1200      canis_familiaris_variation_57_2m
## 1201      canis_familiaris_variation_58_2n
## 1202      canis_familiaris_variation_59_2o
## 1203      canis_familiaris_variation_60_2p
## 1204      canis_familiaris_variation_61_2q
## 1205      canis_familiaris_variation_62_2r
## 1206      canis_familiaris_variation_63_2
## 1207      canis_familiaris_variation_64_2
## 1208      canis_familiaris_variation_65_2
## 1209      canis_familiaris_variation_66_2
## 1210      canis_familiaris_variation_67_2
## 1211      canis_familiaris_variation_68_31
## 1212      canis_familiaris_variation_69_31
## 1213      canis_familiaris_variation_70_31
## 1214      canis_familiaris_variation_71_31
## 1215      canis_familiaris_variation_72_31
## 1216      canis_familiaris_variation_73_31
## 1217      canis_familiaris_variation_74_31
## 1218      canis_familiaris_variation_75_31
## 1219      canis_familiaris_variation_76_31
## 1220      canis_familiaris_variation_77_31
## 1221      canis_familiaris_variation_78_31
## 1222      canis_familiaris_variation_79_31
## 1223      canis_familiaris_variation_80_31
## 1224      canis_familiaris_variation_81_31
## 1225      canis_familiaris_variation_82_31
## 1226      canis_familiaris_variation_83_31
## 1227      canis_familiaris_variation_84_31
## 1228      canis_familiaris_variation_85_31
## 1229      canis_familiaris_variation_86_31
## 1230      canis_familiaris_variation_87_31
## 1231      canis_familiaris_variation_88_31
## 1232      canis_familiaris_variation_89_31
## 1233      canis_familiaris_variation_90_31
## 1234      canis_familiaris_variation_91_31
## 1235      canis_familiaris_variation_92_31
## 1236      canis_familiaris_variation_93_31
## 1237      canis_familiaris_variation_94_31
## 1238      canis_familiaris_variation_95_31
## 1239      canis_familiaris_variation_96_31
## 1240      canis_familiaris_variation_97_31
## 1241      canis_familiaris_variation_98_31
## 1242      canis_familiaris_variation_99_31
## 1243      canis_lupus_dingo_core_95_1
## 1244      canis_lupus_dingo_core_96_1
## 1245      canis_lupus_dingo_core_97_1
## 1246      canis_lupus_dingo_core_98_1
## 1247      canis_lupus_dingo_core_99_1
## 1248      canis_lupus_dingo_otherfeatures_95_1
## 1249      canis_lupus_dingo_otherfeatures_96_1
## 1250      canis_lupus_dingo_otherfeatures_97_1
## 1251      canis_lupus_dingo_otherfeatures_98_1
## 1252      canis_lupus_dingo_otherfeatures_99_1

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## 1253          canis_lupus_dingo_rnaseq_95_1
## 1254          canis_lupus_dingo_rnaseq_96_1
## 1255          canis_lupus_dingo_rnaseq_97_1
## 1256          canis_lupus_dingo_rnaseq_98_1
## 1257          canis_lupus_dingo_rnaseq_99_1
## 1258      canis_lupus_familiarisbasenji_core_99_11
## 1259      canis_lupus_familiarisbasenji_funcgen_99_11
## 1260      canis_lupus_familiarisbasenji_rnaseq_99_11
## 1261      canis_lupus_familiarisgreatdane_core_99_31
## 1262      canis_lupus_familiarisgreatdane_funcgen_99_31
## 1263      canis_lupus_familiarisgreatdane_rnaseq_99_31
## 1264          capra_hircus_core_92_1
## 1265          capra_hircus_core_93_1
## 1266          capra_hircus_core_94_1
## 1267          capra_hircus_core_95_1
## 1268          capra_hircus_core_96_1
## 1269          capra_hircus_core_97_1
## 1270          capra_hircus_core_98_1
## 1271          capra_hircus_core_99_1
## 1272          capra_hircus_funcgen_92_1
## 1273          capra_hircus_funcgen_93_1
## 1274          capra_hircus_funcgen_94_1
## 1275          capra_hircus_funcgen_95_1
## 1276          capra_hircus_funcgen_96_1
## 1277          capra_hircus_funcgen_97_1
## 1278          capra_hircus_funcgen_98_1
## 1279          capra_hircus_funcgen_99_1
## 1280      capra_hircus_otherfeatures_92_1
## 1281      capra_hircus_otherfeatures_93_1
## 1282      capra_hircus_otherfeatures_94_1
## 1283      capra_hircus_otherfeatures_95_1
## 1284      capra_hircus_otherfeatures_96_1
## 1285      capra_hircus_otherfeatures_97_1
## 1286      capra_hircus_otherfeatures_98_1
## 1287      capra_hircus_otherfeatures_99_1
## 1288          capra_hircus_rnaseq_92_1
## 1289          capra_hircus_rnaseq_93_1
## 1290          capra_hircus_rnaseq_94_1
## 1291          capra_hircus_rnaseq_95_1
## 1292          capra_hircus_rnaseq_96_1
## 1293          capra_hircus_rnaseq_97_1
## 1294          capra_hircus_rnaseq_98_1
## 1295          capra_hircus_rnaseq_99_1
## 1296      capra_hircus_variation_92_1
## 1297      capra_hircus_variation_93_1
## 1298      capra_hircus_variation_94_1
## 1299      capra_hircus_variation_95_1
## 1300      capra_hircus_variation_96_1
## 1301      capra_hircus_variation_97_1
## 1302      capra_hircus_variation_98_1
## 1303      capra_hircus_variation_99_1
## 1304      carlito_syrichta_core_89_1
## 1305      carlito_syrichta_core_90_1
## 1306      carlito_syrichta_core_91_2

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## 1307      carlito_syrichta_core_92_2
## 1308      carlito_syrichta_core_93_2
## 1309      carlito_syrichta_core_94_2
## 1310      carlito_syrichta_core_95_2
## 1311      carlito_syrichta_core_96_2
## 1312      carlito_syrichta_core_97_2
## 1313      carlito_syrichta_core_98_2
## 1314      carlito_syrichta_core_99_2
## 1315      carlito_syrichta_funcgen_91_2
## 1316      carlito_syrichta_funcgen_92_2
## 1317      carlito_syrichta_funcgen_93_2
## 1318      carlito_syrichta_funcgen_94_2
## 1319      carlito_syrichta_funcgen_95_2
## 1320      carlito_syrichta_funcgen_96_2
## 1321      carlito_syrichta_funcgen_97_2
## 1322      carlito_syrichta_funcgen_98_2
## 1323      carlito_syrichta_funcgen_99_2
## 1324      carlito_syrichta_otherfeatures_91_2
## 1325      carlito_syrichta_otherfeatures_92_2
## 1326      carlito_syrichta_otherfeatures_93_2
## 1327      carlito_syrichta_otherfeatures_94_2
## 1328      carlito_syrichta_otherfeatures_95_2
## 1329      carlito_syrichta_otherfeatures_96_2
## 1330      carlito_syrichta_otherfeatures_97_2
## 1331      carlito_syrichta_otherfeatures_98_2
## 1332      carlito_syrichta_otherfeatures_99_2
## 1333      castor_canadensis_core_96_1
## 1334      castor_canadensis_core_97_1
## 1335      castor_canadensis_core_98_1
## 1336      castor_canadensis_core_99_1
## 1337      castor_canadensis_otherfeatures_96_1
## 1338      castor_canadensis_otherfeatures_97_1
## 1339      castor_canadensis_otherfeatures_98_1
## 1340      castor_canadensis_otherfeatures_99_1
## 1341      castor_canadensis_rnaseq_96_1
## 1342      castor_canadensis_rnaseq_97_1
## 1343      castor_canadensis_rnaseq_98_1
## 1344      castor_canadensis_rnaseq_99_1
## 1345      catagonus_wagneri_core_99_2
## 1346      catagonus_wagneri_rnaseq_99_2
## 1347      cavia_aperea_core_90_10
## 1348      cavia_aperea_core_91_10
## 1349      cavia_aperea_core_92_10
## 1350      cavia_aperea_core_93_10
## 1351      cavia_aperea_core_94_10
## 1352      cavia_aperea_core_95_10
## 1353      cavia_aperea_core_96_10
## 1354      cavia_aperea_core_97_10
## 1355      cavia_aperea_core_98_10
## 1356      cavia_aperea_core_99_10
## 1357      cavia_porcellus_core_48_1c
## 1358      cavia_porcellus_core_49_1c
## 1359      cavia_porcellus_core_50_1d
## 1360      cavia_porcellus_core_51_3

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## 1361	cavia_porcellus_core_52_3a
## 1362	cavia_porcellus_core_53_3a
## 1363	cavia_porcellus_core_54_3a
## 1364	cavia_porcellus_core_55_3a
## 1365	cavia_porcellus_core_56_3a
## 1366	cavia_porcellus_core_57_3a
## 1367	cavia_porcellus_core_58_3b
## 1368	cavia_porcellus_core_59_3c
## 1369	cavia_porcellus_core_60_3d
## 1370	cavia_porcellus_core_61_3e
## 1371	cavia_porcellus_core_62_3f
## 1372	cavia_porcellus_core_63_3
## 1373	cavia_porcellus_core_64_3
## 1374	cavia_porcellus_core_65_3
## 1375	cavia_porcellus_core_66_3
## 1376	cavia_porcellus_core_67_3
## 1377	cavia_porcellus_core_68_3
## 1378	cavia_porcellus_core_69_3
## 1379	cavia_porcellus_core_70_3
## 1380	cavia_porcellus_core_71_3
## 1381	cavia_porcellus_core_72_3
## 1382	cavia_porcellus_core_73_3
## 1383	cavia_porcellus_core_74_3
## 1384	cavia_porcellus_core_75_3
## 1385	cavia_porcellus_core_76_3
## 1386	cavia_porcellus_core_77_3
## 1387	cavia_porcellus_core_78_3
## 1388	cavia_porcellus_core_79_3
## 1389	cavia_porcellus_core_80_3
## 1390	cavia_porcellus_core_81_3
## 1391	cavia_porcellus_core_82_3
## 1392	cavia_porcellus_core_83_3
## 1393	cavia_porcellus_core_84_3
## 1394	cavia_porcellus_core_85_3
## 1395	cavia_porcellus_core_86_3
## 1396	cavia_porcellus_core_87_3
## 1397	cavia_porcellus_core_88_3
## 1398	cavia_porcellus_core_89_3
## 1399	cavia_porcellus_core_90_4
## 1400	cavia_porcellus_core_91_4
## 1401	cavia_porcellus_core_92_4
## 1402	cavia_porcellus_core_93_4
## 1403	cavia_porcellus_core_94_4
## 1404	cavia_porcellus_core_95_4
## 1405	cavia_porcellus_core_96_4
## 1406	cavia_porcellus_core_97_4
## 1407	cavia_porcellus_core_98_4
## 1408	cavia_porcellus_core_99_4
## 1409	cavia_porcellus_funcgen_90_4
## 1410	cavia_porcellus_funcgen_91_4
## 1411	cavia_porcellus_funcgen_92_4
## 1412	cavia_porcellus_funcgen_93_4
## 1413	cavia_porcellus_funcgen_94_4
## 1414	cavia_porcellus_funcgen_95_4

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## 1415          cavia_porcellus_funcgen_96_4
## 1416          cavia_porcellus_funcgen_97_4
## 1417          cavia_porcellus_funcgen_98_4
## 1418          cavia_porcellus_funcgen_99_4
## 1419          cavia_porcellus_otherfeatures_51_3
## 1420 cavia_porcellus_otherfeatures_52_3a
## 1421 cavia_porcellus_otherfeatures_53_3a
## 1422 cavia_porcellus_otherfeatures_54_3a
## 1423 cavia_porcellus_otherfeatures_55_3a
## 1424 cavia_porcellus_otherfeatures_56_3a
## 1425 cavia_porcellus_otherfeatures_57_3a
## 1426 cavia_porcellus_otherfeatures_58_3b
## 1427 cavia_porcellus_otherfeatures_59_3c
## 1428 cavia_porcellus_otherfeatures_60_3d
## 1429 cavia_porcellus_otherfeatures_61_3e
## 1430 cavia_porcellus_otherfeatures_62_3f
## 1431 cavia_porcellus_otherfeatures_63_3
## 1432 cavia_porcellus_otherfeatures_64_3
## 1433 cavia_porcellus_otherfeatures_65_3
## 1434 cavia_porcellus_otherfeatures_66_3
## 1435 cavia_porcellus_otherfeatures_67_3
## 1436 cavia_porcellus_otherfeatures_68_3
## 1437 cavia_porcellus_otherfeatures_69_3
## 1438 cavia_porcellus_otherfeatures_70_3
## 1439 cavia_porcellus_otherfeatures_71_3
## 1440 cavia_porcellus_otherfeatures_72_3
## 1441 cavia_porcellus_otherfeatures_73_3
## 1442 cavia_porcellus_otherfeatures_74_3
## 1443 cavia_porcellus_otherfeatures_75_3
## 1444 cavia_porcellus_otherfeatures_76_3
## 1445 cavia_porcellus_otherfeatures_77_3
## 1446 cavia_porcellus_otherfeatures_78_3
## 1447 cavia_porcellus_otherfeatures_79_3
## 1448 cavia_porcellus_otherfeatures_80_3
## 1449 cavia_porcellus_otherfeatures_81_3
## 1450 cavia_porcellus_otherfeatures_82_3
## 1451 cavia_porcellus_otherfeatures_83_3
## 1452 cavia_porcellus_otherfeatures_84_3
## 1453 cavia_porcellus_otherfeatures_85_3
## 1454 cavia_porcellus_otherfeatures_86_3
## 1455 cavia_porcellus_otherfeatures_87_3
## 1456 cavia_porcellus_otherfeatures_88_3
## 1457 cavia_porcellus_otherfeatures_89_3
## 1458 cavia_porcellus_otherfeatures_90_4
## 1459 cavia_porcellus_otherfeatures_91_4
## 1460 cavia_porcellus_otherfeatures_92_4
## 1461 cavia_porcellus_otherfeatures_93_4
## 1462 cavia_porcellus_otherfeatures_94_4
## 1463 cavia_porcellus_otherfeatures_95_4
## 1464 cavia_porcellus_otherfeatures_96_4
## 1465 cavia_porcellus_otherfeatures_97_4
## 1466 cavia_porcellus_otherfeatures_98_4
## 1467 cavia_porcellus_otherfeatures_99_4
## 1468          cavia_porcellus_rnaseq_90_4

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## 1469      cavia_porcellus_rnaseq_91_4
## 1470      cavia_porcellus_rnaseq_92_4
## 1471      cavia_porcellus_rnaseq_93_4
## 1472      cavia_porcellus_rnaseq_94_4
## 1473      cavia_porcellus_rnaseq_95_4
## 1474      cavia_porcellus_rnaseq_96_4
## 1475      cavia_porcellus_rnaseq_97_4
## 1476      cavia_porcellus_rnaseq_98_4
## 1477      cavia_porcellus_rnaseq_99_4
## 1478      cebus_capucinus_core_91_1
## 1479      cebus_capucinus_core_92_1
## 1480      cebus_capucinus_core_93_1
## 1481      cebus_capucinus_core_94_1
## 1482      cebus_capucinus_core_95_1
## 1483      cebus_capucinus_core_96_1
## 1484      cebus_capucinus_core_97_1
## 1485      cebus_capucinus_core_98_1
## 1486      cebus_capucinus_core_99_1
## 1487      cebus_capucinus_funcgen_91_1
## 1488      cebus_capucinus_funcgen_92_1
## 1489      cebus_capucinus_funcgen_93_1
## 1490      cebus_capucinus_funcgen_94_1
## 1491      cebus_capucinus_funcgen_95_1
## 1492      cebus_capucinus_funcgen_96_1
## 1493      cebus_capucinus_funcgen_97_1
## 1494      cebus_capucinus_funcgen_98_1
## 1495      cebus_capucinus_funcgen_99_1
## 1496      cebus_capucinus_otherfeatures_91_1
## 1497      cebus_capucinus_otherfeatures_92_1
## 1498      cebus_capucinus_otherfeatures_93_1
## 1499      cebus_capucinus_otherfeatures_94_1
## 1500      cebus_capucinus_otherfeatures_95_1
## 1501      cebus_capucinus_otherfeatures_96_1
## 1502      cebus_capucinus_otherfeatures_97_1
## 1503      cebus_capucinus_otherfeatures_98_1
## 1504      cebus_capucinus_otherfeatures_99_1
## 1505      cebus_capucinus_rnaseq_91_1
## 1506      cebus_capucinus_rnaseq_92_1
## 1507      cebus_capucinus_rnaseq_93_1
## 1508      cebus_capucinus_rnaseq_94_1
## 1509      cebus_capucinus_rnaseq_95_1
## 1510      cebus_capucinus_rnaseq_96_1
## 1511      cebus_capucinus_rnaseq_97_1
## 1512      cebus_capucinus_rnaseq_98_1
## 1513      cebus_capucinus_rnaseq_99_1
## 1514      cercocebus_atys_core_91_1
## 1515      cercocebus_atys_core_92_1
## 1516      cercocebus_atys_core_93_1
## 1517      cercocebus_atys_core_94_1
## 1518      cercocebus_atys_core_95_1
## 1519      cercocebus_atys_core_96_1
## 1520      cercocebus_atys_core_97_1
## 1521      cercocebus_atys_core_98_1
## 1522      cercocebus_atys_core_99_1

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## 1523      cercocebus_atys_funcgen_91_1
## 1524      cercocebus_atys_funcgen_92_1
## 1525      cercocebus_atys_funcgen_93_1
## 1526      cercocebus_atys_funcgen_94_1
## 1527      cercocebus_atys_funcgen_95_1
## 1528      cercocebus_atys_funcgen_96_1
## 1529      cercocebus_atys_funcgen_97_1
## 1530      cercocebus_atys_funcgen_98_1
## 1531      cercocebus_atys_funcgen_99_1
## 1532      cercocebus_atys_otherfeatures_91_1
## 1533      cercocebus_atys_otherfeatures_92_1
## 1534      cercocebus_atys_otherfeatures_93_1
## 1535      cercocebus_atys_otherfeatures_94_1
## 1536      cercocebus_atys_otherfeatures_95_1
## 1537      cercocebus_atys_otherfeatures_96_1
## 1538      cercocebus_atys_otherfeatures_97_1
## 1539      cercocebus_atys_otherfeatures_98_1
## 1540      cercocebus_atys_otherfeatures_99_1
## 1541      cercocebus_atys_rnaseq_91_1
## 1542      cercocebus_atys_rnaseq_92_1
## 1543      cercocebus_atys_rnaseq_93_1
## 1544      cercocebus_atys_rnaseq_94_1
## 1545      cercocebus_atys_rnaseq_95_1
## 1546      cercocebus_atys_rnaseq_96_1
## 1547      cercocebus_atys_rnaseq_97_1
## 1548      cercocebus_atys_rnaseq_98_1
## 1549      cercocebus_atys_rnaseq_99_1
## 1550      chelonoidis_abingdonii_core_96_1
## 1551      chelonoidis_abingdonii_core_97_1
## 1552      chelonoidis_abingdonii_core_98_1
## 1553      chelonoidis_abingdonii_core_99_1
## 1554      chelonoidis_abingdonii_rnaseq_96_1
## 1555      chelonoidis_abingdonii_rnaseq_97_1
## 1556      chelonoidis_abingdonii_rnaseq_98_1
## 1557      chelonoidis_abingdonii_rnaseq_99_1
## 1558      chinchilla_lanigera_core_90_1
## 1559      chinchilla_lanigera_core_91_1
## 1560      chinchilla_lanigera_core_92_1
## 1561      chinchilla_lanigera_core_93_1
## 1562      chinchilla_lanigera_core_94_1
## 1563      chinchilla_lanigera_core_95_1
## 1564      chinchilla_lanigera_core_96_1
## 1565      chinchilla_lanigera_core_97_1
## 1566      chinchilla_lanigera_core_98_1
## 1567      chinchilla_lanigera_core_99_1
## 1568      chinchilla_lanigera_otherfeatures_90_1
## 1569      chinchilla_lanigera_otherfeatures_91_1
## 1570      chinchilla_lanigera_otherfeatures_92_1
## 1571      chinchilla_lanigera_otherfeatures_93_1
## 1572      chinchilla_lanigera_otherfeatures_94_1
## 1573      chinchilla_lanigera_otherfeatures_95_1
## 1574      chinchilla_lanigera_otherfeatures_96_1
## 1575      chinchilla_lanigera_otherfeatures_97_1
## 1576      chinchilla_lanigera_otherfeatures_98_1

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## 1577      chinchilla_lanigera_otherfeatures_99_1
## 1578      chinchilla_lanigera_rnaseq_90_1
## 1579      chinchilla_lanigera_rnaseq_91_1
## 1580      chinchilla_lanigera_rnaseq_92_1
## 1581      chinchilla_lanigera_rnaseq_93_1
## 1582      chinchilla_lanigera_rnaseq_94_1
## 1583      chinchilla_lanigera_rnaseq_95_1
## 1584      chinchilla_lanigera_rnaseq_96_1
## 1585      chinchilla_lanigera_rnaseq_97_1
## 1586      chinchilla_lanigera_rnaseq_98_1
## 1587      chinchilla_lanigera_rnaseq_99_1
## 1588      chlorocebus_sabaeus_core_77_1
## 1589      chlorocebus_sabaeus_core_78_1
## 1590      chlorocebus_sabaeus_core_79_1
## 1591      chlorocebus_sabaeus_core_80_1
## 1592      chlorocebus_sabaeus_core_81_1
## 1593      chlorocebus_sabaeus_core_82_1
## 1594      chlorocebus_sabaeus_core_83_1
## 1595      chlorocebus_sabaeus_core_84_1
## 1596      chlorocebus_sabaeus_core_85_1
## 1597      chlorocebus_sabaeus_core_86_1
## 1598      chlorocebus_sabaeus_core_87_1
## 1599      chlorocebus_sabaeus_core_88_1
## 1600      chlorocebus_sabaeus_core_89_1
## 1601      chlorocebus_sabaeus_core_90_1
## 1602      chlorocebus_sabaeus_core_91_1
## 1603      chlorocebus_sabaeus_core_92_1
## 1604      chlorocebus_sabaeus_core_93_1
## 1605      chlorocebus_sabaeus_core_94_1
## 1606      chlorocebus_sabaeus_core_95_1
## 1607      chlorocebus_sabaeus_core_96_1
## 1608      chlorocebus_sabaeus_core_97_1
## 1609      chlorocebus_sabaeus_core_98_1
## 1610      chlorocebus_sabaeus_core_99_1
## 1611      chlorocebus_sabaeus_otherfeatures_77_1
## 1612      chlorocebus_sabaeus_otherfeatures_78_1
## 1613      chlorocebus_sabaeus_otherfeatures_79_1
## 1614      chlorocebus_sabaeus_otherfeatures_80_1
## 1615      chlorocebus_sabaeus_otherfeatures_81_1
## 1616      chlorocebus_sabaeus_otherfeatures_82_1
## 1617      chlorocebus_sabaeus_otherfeatures_83_1
## 1618      chlorocebus_sabaeus_otherfeatures_84_1
## 1619      chlorocebus_sabaeus_otherfeatures_85_1
## 1620      chlorocebus_sabaeus_otherfeatures_86_1
## 1621      chlorocebus_sabaeus_otherfeatures_87_1
## 1622      chlorocebus_sabaeus_otherfeatures_88_1
## 1623      chlorocebus_sabaeus_otherfeatures_89_1
## 1624      chlorocebus_sabaeus_otherfeatures_90_1
## 1625      chlorocebus_sabaeus_otherfeatures_91_1
## 1626      chlorocebus_sabaeus_otherfeatures_92_1
## 1627      chlorocebus_sabaeus_otherfeatures_93_1
## 1628      chlorocebus_sabaeus_otherfeatures_94_1
## 1629      chlorocebus_sabaeus_otherfeatures_95_1
## 1630      chlorocebus_sabaeus_otherfeatures_96_1

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## 1631      chlorocebus_sabaeus_otherfeatures_97_1
## 1632      chlorocebus_sabaeus_otherfeatures_98_1
## 1633      chlorocebus_sabaeus_otherfeatures_99_1
## 1634      chlorocebus_sabaeus_rnaseq_77_1
## 1635      chlorocebus_sabaeus_rnaseq_78_1
## 1636      chlorocebus_sabaeus_rnaseq_79_1
## 1637      chlorocebus_sabaeus_rnaseq_80_1
## 1638      chlorocebus_sabaeus_rnaseq_81_1
## 1639      chlorocebus_sabaeus_rnaseq_82_1
## 1640      chlorocebus_sabaeus_rnaseq_83_1
## 1641      chlorocebus_sabaeus_rnaseq_84_1
## 1642      chlorocebus_sabaeus_rnaseq_85_1
## 1643      chlorocebus_sabaeus_rnaseq_86_1
## 1644      chlorocebus_sabaeus_rnaseq_87_1
## 1645      chlorocebus_sabaeus_rnaseq_88_1
## 1646      chlorocebus_sabaeus_rnaseq_89_1
## 1647      chlorocebus_sabaeus_rnaseq_90_1
## 1648      chlorocebus_sabaeus_rnaseq_91_1
## 1649      chlorocebus_sabaeus_rnaseq_92_1
## 1650      chlorocebus_sabaeus_rnaseq_93_1
## 1651      chlorocebus_sabaeus_rnaseq_94_1
## 1652      chlorocebus_sabaeus_rnaseq_95_1
## 1653      chlorocebus_sabaeus_rnaseq_96_1
## 1654      chlorocebus_sabaeus_rnaseq_97_1
## 1655      chlorocebus_sabaeus_rnaseq_98_1
## 1656      chlorocebus_sabaeus_rnaseq_99_1
## 1657      chlorocebus_sabaeus_variation_96_1
## 1658      chlorocebus_sabaeus_variation_97_1
## 1659      chlorocebus_sabaeus_variation_98_1
## 1660      chlorocebus_sabaeus_variation_99_1
## 1661      choloepus_hoffmanni_core_53_1
## 1662      choloepus_hoffmanni_core_54_1a
## 1663      choloepus_hoffmanni_core_55_1a
## 1664      choloepus_hoffmanni_core_56_1a
## 1665      choloepus_hoffmanni_core_57_1a
## 1666      choloepus_hoffmanni_core_58_1b
## 1667      choloepus_hoffmanni_core_59_1c
## 1668      choloepus_hoffmanni_core_60_1d
## 1669      choloepus_hoffmanni_core_61_1e
## 1670      choloepus_hoffmanni_core_62_1f
## 1671      choloepus_hoffmanni_core_63_1
## 1672      choloepus_hoffmanni_core_64_1
## 1673      choloepus_hoffmanni_core_65_1
## 1674      choloepus_hoffmanni_core_66_1
## 1675      choloepus_hoffmanni_core_67_1
## 1676      choloepus_hoffmanni_core_68_1
## 1677      choloepus_hoffmanni_core_69_1
## 1678      choloepus_hoffmanni_core_70_1
## 1679      choloepus_hoffmanni_core_71_1
## 1680      choloepus_hoffmanni_core_72_1
## 1681      choloepus_hoffmanni_core_73_1
## 1682      choloepus_hoffmanni_core_74_1
## 1683      choloepus_hoffmanni_core_75_1
## 1684      choloepus_hoffmanni_core_76_1

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## 1685      choloepus_hoffmanni_core_77_1
## 1686      choloepus_hoffmanni_core_78_1
## 1687      choloepus_hoffmanni_core_79_1
## 1688      choloepus_hoffmanni_core_80_1
## 1689      choloepus_hoffmanni_core_81_1
## 1690      choloepus_hoffmanni_core_82_1
## 1691      choloepus_hoffmanni_core_83_1
## 1692      choloepus_hoffmanni_core_84_1
## 1693      choloepus_hoffmanni_core_85_1
## 1694      choloepus_hoffmanni_core_86_1
## 1695      choloepus_hoffmanni_core_87_1
## 1696      choloepus_hoffmanni_core_88_1
## 1697      choloepus_hoffmanni_core_89_1
## 1698      choloepus_hoffmanni_core_90_1
## 1699      choloepus_hoffmanni_core_91_1
## 1700      choloepus_hoffmanni_core_92_1
## 1701      choloepus_hoffmanni_core_93_1
## 1702      choloepus_hoffmanni_core_94_1
## 1703      choloepus_hoffmanni_core_95_1
## 1704      choloepus_hoffmanni_core_96_1
## 1705      choloepus_hoffmanni_core_97_1
## 1706      choloepus_hoffmanni_core_98_1
## 1707      choloepus_hoffmanni_core_99_1
## 1708      chrysemys_picta_bellii_core_95_303
## 1709      chrysemys_picta_bellii_core_96_303
## 1710      chrysemys_picta_bellii_core_97_303
## 1711      chrysemys_picta_bellii_core_98_303
## 1712      chrysemys_picta_bellii_core_99_303
## 1713      chrysemys_picta_bellii_otherfeatures_95_303
## 1714      chrysemys_picta_bellii_otherfeatures_96_303
## 1715      chrysemys_picta_bellii_otherfeatures_97_303
## 1716      chrysemys_picta_bellii_otherfeatures_98_303
## 1717      chrysemys_picta_bellii_otherfeatures_99_303
## 1718      chrysemys_picta_bellii_rnaseq_95_303
## 1719      chrysemys_picta_bellii_rnaseq_96_303
## 1720      chrysemys_picta_bellii_rnaseq_97_303
## 1721      chrysemys_picta_bellii_rnaseq_98_303
## 1722      chrysemys_picta_bellii_rnaseq_99_303
## 1723      chrysolophus_pictus_core_99_1
## 1724      chrysolophus_pictus_rnaseq_99_1
## 1725      ciona_intestinalis_core_48_2h
## 1726      ciona_intestinalis_core_49_2i
## 1727      ciona_intestinalis_core_50_2j
## 1728      ciona_intestinalis_core_51_2k
## 1729      ciona_intestinalis_core_52_2l
## 1730      ciona_intestinalis_core_53_2l
## 1731      ciona_intestinalis_core_54_2l
## 1732      ciona_intestinalis_core_55_2m
## 1733      ciona_intestinalis_core_56_2m
## 1734      ciona_intestinalis_core_57_2m
## 1735      ciona_intestinalis_core_58_2n
## 1736      ciona_intestinalis_core_59_2o
## 1737      ciona_intestinalis_core_60_2p
## 1738      ciona_intestinalis_core_61_2q

```


## 1739	ciona_intestinalis_core_62_2r
## 1740	ciona_intestinalis_core_63_2
## 1741	ciona_intestinalis_core_64_2
## 1742	ciona_intestinalis_core_65_2
## 1743	ciona_intestinalis_core_66_3
## 1744	ciona_intestinalis_core_67_3
## 1745	ciona_intestinalis_core_68_3
## 1746	ciona_intestinalis_core_69_3
## 1747	ciona_intestinalis_core_70_3
## 1748	ciona_intestinalis_core_71_3
## 1749	ciona_intestinalis_core_72_3
## 1750	ciona_intestinalis_core_73_3
## 1751	ciona_intestinalis_core_74_3
## 1752	ciona_intestinalis_core_75_3
## 1753	ciona_intestinalis_core_76_3
## 1754	ciona_intestinalis_core_77_3
## 1755	ciona_intestinalis_core_78_3
## 1756	ciona_intestinalis_core_79_3
## 1757	ciona_intestinalis_core_80_3
## 1758	ciona_intestinalis_core_81_3
## 1759	ciona_intestinalis_core_82_3
## 1760	ciona_intestinalis_core_83_3
## 1761	ciona_intestinalis_core_84_3
## 1762	ciona_intestinalis_core_85_3
## 1763	ciona_intestinalis_core_86_3
## 1764	ciona_intestinalis_core_87_3
## 1765	ciona_intestinalis_core_88_3
## 1766	ciona_intestinalis_core_89_3
## 1767	ciona_intestinalis_core_90_3
## 1768	ciona_intestinalis_core_91_3
## 1769	ciona_intestinalis_core_92_3
## 1770	ciona_intestinalis_core_93_3
## 1771	ciona_intestinalis_core_94_3
## 1772	ciona_intestinalis_core_95_3
## 1773	ciona_intestinalis_core_96_3
## 1774	ciona_intestinalis_core_97_3
## 1775	ciona_intestinalis_core_98_3
## 1776	ciona_intestinalis_core_99_3
## 1777	ciona_intestinalis_funcgen_55_2m
## 1778	ciona_intestinalis_funcgen_56_2m
## 1779	ciona_intestinalis_funcgen_57_2m
## 1780	ciona_intestinalis_funcgen_58_2n
## 1781	ciona_intestinalis_funcgen_59_2o
## 1782	ciona_intestinalis_funcgen_60_2p
## 1783	ciona_intestinalis_funcgen_61_2q
## 1784	ciona_intestinalis_funcgen_62_2r
## 1785	ciona_intestinalis_funcgen_63_2
## 1786	ciona_intestinalis_funcgen_64_2
## 1787	ciona_intestinalis_funcgen_65_2
## 1788	ciona_intestinalis_funcgen_66_3
## 1789	ciona_intestinalis_funcgen_67_3
## 1790	ciona_intestinalis_funcgen_68_3
## 1791	ciona_intestinalis_funcgen_69_3
## 1792	ciona_intestinalis_funcgen_70_3

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## 1793      ciona_intestinalis_funcgen_71_3
## 1794      ciona_intestinalis_funcgen_72_3
## 1795      ciona_intestinalis_funcgen_73_3
## 1796      ciona_intestinalis_funcgen_74_3
## 1797      ciona_intestinalis_funcgen_75_3
## 1798      ciona_intestinalis_funcgen_76_3
## 1799      ciona_intestinalis_funcgen_77_3
## 1800      ciona_intestinalis_funcgen_78_3
## 1801      ciona_intestinalis_funcgen_79_3
## 1802      ciona_intestinalis_funcgen_80_3
## 1803      ciona_intestinalis_funcgen_81_3
## 1804      ciona_intestinalis_funcgen_82_3
## 1805      ciona_intestinalis_funcgen_83_3
## 1806      ciona_intestinalis_funcgen_84_3
## 1807      ciona_intestinalis_funcgen_85_3
## 1808      ciona_intestinalis_funcgen_86_3
## 1809      ciona_intestinalis_funcgen_87_3
## 1810      ciona_intestinalis_funcgen_88_3
## 1811      ciona_intestinalis_funcgen_89_3
## 1812      ciona_intestinalis_funcgen_90_3
## 1813      ciona_intestinalis_funcgen_91_3
## 1814      ciona_intestinalis_funcgen_92_3
## 1815      ciona_intestinalis_funcgen_93_3
## 1816      ciona_intestinalis_funcgen_94_3
## 1817      ciona_intestinalis_funcgen_95_3
## 1818      ciona_intestinalis_funcgen_96_3
## 1819      ciona_intestinalis_funcgen_97_3
## 1820      ciona_intestinalis_funcgen_98_3
## 1821      ciona_intestinalis_funcgen_99_3
## 1822      ciona_intestinalis_otherfeatures_48_2h
## 1823      ciona_intestinalis_otherfeatures_49_2i
## 1824      ciona_intestinalis_otherfeatures_50_2j
## 1825      ciona_intestinalis_otherfeatures_51_2k
## 1826      ciona_intestinalis_otherfeatures_52_2l
## 1827      ciona_intestinalis_otherfeatures_53_2l
## 1828      ciona_intestinalis_otherfeatures_54_2l
## 1829      ciona_intestinalis_otherfeatures_55_2m
## 1830      ciona_intestinalis_otherfeatures_56_2m
## 1831      ciona_intestinalis_otherfeatures_57_2m
## 1832      ciona_intestinalis_otherfeatures_58_2n
## 1833      ciona_intestinalis_otherfeatures_59_2o
## 1834      ciona_intestinalis_otherfeatures_60_2p
## 1835      ciona_intestinalis_otherfeatures_61_2q
## 1836      ciona_intestinalis_otherfeatures_62_2r
## 1837      ciona_intestinalis_otherfeatures_63_2
## 1838      ciona_intestinalis_otherfeatures_64_2
## 1839      ciona_intestinalis_otherfeatures_65_2
## 1840      ciona_intestinalis_otherfeatures_66_3
## 1841      ciona_intestinalis_otherfeatures_67_3
## 1842      ciona_intestinalis_otherfeatures_68_3
## 1843      ciona_intestinalis_otherfeatures_69_3
## 1844      ciona_intestinalis_otherfeatures_70_3
## 1845      ciona_intestinalis_otherfeatures_71_3
## 1846      ciona_intestinalis_otherfeatures_72_3

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## 1847      ciona_intestinalis_otherfeatures_73_3
## 1848      ciona_intestinalis_otherfeatures_74_3
## 1849      ciona_intestinalis_otherfeatures_75_3
## 1850      ciona_intestinalis_otherfeatures_76_3
## 1851      ciona_intestinalis_otherfeatures_77_3
## 1852      ciona_intestinalis_otherfeatures_78_3
## 1853      ciona_intestinalis_otherfeatures_79_3
## 1854      ciona_intestinalis_otherfeatures_80_3
## 1855      ciona_intestinalis_otherfeatures_81_3
## 1856      ciona_intestinalis_otherfeatures_82_3
## 1857      ciona_intestinalis_otherfeatures_83_3
## 1858      ciona_intestinalis_otherfeatures_84_3
## 1859      ciona_intestinalis_otherfeatures_85_3
## 1860      ciona_intestinalis_otherfeatures_86_3
## 1861      ciona_intestinalis_otherfeatures_87_3
## 1862      ciona_intestinalis_otherfeatures_88_3
## 1863      ciona_intestinalis_otherfeatures_89_3
## 1864      ciona_intestinalis_otherfeatures_90_3
## 1865      ciona_intestinalis_otherfeatures_91_3
## 1866      ciona_intestinalis_otherfeatures_92_3
## 1867      ciona_intestinalis_otherfeatures_93_3
## 1868      ciona_intestinalis_otherfeatures_94_3
## 1869      ciona_intestinalis_otherfeatures_95_3
## 1870      ciona_intestinalis_otherfeatures_96_3
## 1871      ciona_intestinalis_otherfeatures_97_3
## 1872      ciona_intestinalis_otherfeatures_98_3
## 1873      ciona_intestinalis_otherfeatures_99_3
## 1874      ciona_savignyi_core_48_2f
## 1875      ciona_savignyi_core_49_2f
## 1876      ciona_savignyi_core_50_2g
## 1877      ciona_savignyi_core_51_2g
## 1878      ciona_savignyi_core_52_2h
## 1879      ciona_savignyi_core_53_2h
## 1880      ciona_savignyi_core_54_2h
## 1881      ciona_savignyi_core_55_2h
## 1882      ciona_savignyi_core_56_2h
## 1883      ciona_savignyi_core_57_2h
## 1884      ciona_savignyi_core_58_2i
## 1885      ciona_savignyi_core_59_2j
## 1886      ciona_savignyi_core_60_2k
## 1887      ciona_savignyi_core_61_2l
## 1888      ciona_savignyi_core_62_2m
## 1889      ciona_savignyi_core_63_2
## 1890      ciona_savignyi_core_64_2
## 1891      ciona_savignyi_core_65_2
## 1892      ciona_savignyi_core_66_2
## 1893      ciona_savignyi_core_67_2
## 1894      ciona_savignyi_core_68_2
## 1895      ciona_savignyi_core_69_2
## 1896      ciona_savignyi_core_70_2
## 1897      ciona_savignyi_core_71_2
## 1898      ciona_savignyi_core_72_2
## 1899      ciona_savignyi_core_73_2
## 1900      ciona_savignyi_core_74_2

```

## 1901	ciona_savignyi_core_75_2
## 1902	ciona_savignyi_core_76_2
## 1903	ciona_savignyi_core_77_2
## 1904	ciona_savignyi_core_78_2
## 1905	ciona_savignyi_core_79_2
## 1906	ciona_savignyi_core_80_2
## 1907	ciona_savignyi_core_81_2
## 1908	ciona_savignyi_core_82_2
## 1909	ciona_savignyi_core_83_2
## 1910	ciona_savignyi_core_84_2
## 1911	ciona_savignyi_core_85_2
## 1912	ciona_savignyi_core_86_2
## 1913	ciona_savignyi_core_87_2
## 1914	ciona_savignyi_core_88_2
## 1915	ciona_savignyi_core_89_2
## 1916	ciona_savignyi_core_90_2
## 1917	ciona_savignyi_core_91_2
## 1918	ciona_savignyi_core_92_2
## 1919	ciona_savignyi_core_93_2
## 1920	ciona_savignyi_core_94_2
## 1921	ciona_savignyi_core_95_2
## 1922	ciona_savignyi_core_96_2
## 1923	ciona_savignyi_core_97_2
## 1924	ciona_savignyi_core_98_2
## 1925	ciona_savignyi_core_99_2
## 1926	ciona_savignyi_otherfeatures_48_2f
## 1927	ciona_savignyi_otherfeatures_49_2f
## 1928	ciona_savignyi_otherfeatures_50_2g
## 1929	ciona_savignyi_otherfeatures_51_2g
## 1930	ciona_savignyi_otherfeatures_52_2h
## 1931	ciona_savignyi_otherfeatures_53_2h
## 1932	ciona_savignyi_otherfeatures_54_2h
## 1933	ciona_savignyi_otherfeatures_55_2h
## 1934	ciona_savignyi_otherfeatures_56_2h
## 1935	ciona_savignyi_otherfeatures_57_2h
## 1936	ciona_savignyi_otherfeatures_58_2i
## 1937	ciona_savignyi_otherfeatures_59_2j
## 1938	ciona_savignyi_otherfeatures_60_2k
## 1939	ciona_savignyi_otherfeatures_61_2l
## 1940	ciona_savignyi_otherfeatures_62_2m
## 1941	ciona_savignyi_otherfeatures_63_2
## 1942	ciona_savignyi_otherfeatures_64_2
## 1943	ciona_savignyi_otherfeatures_65_2
## 1944	ciona_savignyi_otherfeatures_66_2
## 1945	ciona_savignyi_otherfeatures_67_2
## 1946	ciona_savignyi_otherfeatures_68_2
## 1947	ciona_savignyi_otherfeatures_69_2
## 1948	ciona_savignyi_otherfeatures_70_2
## 1949	ciona_savignyi_otherfeatures_71_2
## 1950	ciona_savignyi_otherfeatures_72_2
## 1951	ciona_savignyi_otherfeatures_73_2
## 1952	ciona_savignyi_otherfeatures_74_2
## 1953	ciona_savignyi_otherfeatures_75_2
## 1954	ciona_savignyi_otherfeatures_76_2

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## 1955      ciona_savignyi_otherfeatures_77_2
## 1956      ciona_savignyi_otherfeatures_78_2
## 1957      ciona_savignyi_otherfeatures_79_2
## 1958      ciona_savignyi_otherfeatures_80_2
## 1959      ciona_savignyi_otherfeatures_81_2
## 1960      ciona_savignyi_otherfeatures_82_2
## 1961      ciona_savignyi_otherfeatures_83_2
## 1962      ciona_savignyi_otherfeatures_84_2
## 1963      ciona_savignyi_otherfeatures_85_2
## 1964      ciona_savignyi_otherfeatures_86_2
## 1965      ciona_savignyi_otherfeatures_87_2
## 1966      ciona_savignyi_otherfeatures_88_2
## 1967      ciona_savignyi_otherfeatures_89_2
## 1968      ciona_savignyi_otherfeatures_90_2
## 1969      ciona_savignyi_otherfeatures_91_2
## 1970      ciona_savignyi_otherfeatures_92_2
## 1971      ciona_savignyi_otherfeatures_93_2
## 1972      ciona_savignyi_otherfeatures_94_2
## 1973      ciona_savignyi_otherfeatures_95_2
## 1974      ciona_savignyi_otherfeatures_96_2
## 1975      ciona_savignyi_otherfeatures_97_2
## 1976      ciona_savignyi_otherfeatures_98_2
## 1977      ciona_savignyi_otherfeatures_99_2
## 1978      clupea_harengus_core_98_202
## 1979      clupea_harengus_core_99_202
## 1980      clupea_harengus_rnaseq_98_202
## 1981      clupea_harengus_rnaseq_99_202
## 1982      colobus_angolensis_palliatus_core_91_1
## 1983      colobus_angolensis_palliatus_core_92_1
## 1984      colobus_angolensis_palliatus_core_93_1
## 1985      colobus_angolensis_palliatus_core_94_1
## 1986      colobus_angolensis_palliatus_core_95_1
## 1987      colobus_angolensis_palliatus_core_96_1
## 1988      colobus_angolensis_palliatus_core_97_1
## 1989      colobus_angolensis_palliatus_core_98_1
## 1990      colobus_angolensis_palliatus_core_99_1
## 1991      colobus_angolensis_palliatus_funcgen_91_1
## 1992      colobus_angolensis_palliatus_funcgen_92_1
## 1993      colobus_angolensis_palliatus_funcgen_93_1
## 1994      colobus_angolensis_palliatus_funcgen_94_1
## 1995      colobus_angolensis_palliatus_funcgen_95_1
## 1996      colobus_angolensis_palliatus_funcgen_96_1
## 1997      colobus_angolensis_palliatus_funcgen_97_1
## 1998      colobus_angolensis_palliatus_funcgen_98_1
## 1999      colobus_angolensis_palliatus_funcgen_99_1
## 2000      colobus_angolensis_palliatus_otherfeatures_91_1
## 2001      colobus_angolensis_palliatus_otherfeatures_92_1
## 2002      colobus_angolensis_palliatus_otherfeatures_93_1
## 2003      colobus_angolensis_palliatus_otherfeatures_94_1
## 2004      colobus_angolensis_palliatus_otherfeatures_95_1
## 2005      colobus_angolensis_palliatus_otherfeatures_96_1
## 2006      colobus_angolensis_palliatus_otherfeatures_97_1
## 2007      colobus_angolensis_palliatus_otherfeatures_98_1
## 2008      colobus_angolensis_palliatus_otherfeatures_99_1

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## 2009          cottoperca_gobio_core_98_31
## 2010          cottoperca_gobio_core_99_31
## 2011          cottoperca_gobio_otherfeatures_98_31
## 2012          cottoperca_gobio_otherfeatures_99_31
## 2013          cottoperca_gobio_rnaseq_98_31
## 2014          cottoperca_gobio_rnaseq_99_31
## 2015          coturnix_japonica_core_96_2
## 2016          coturnix_japonica_core_97_2
## 2017          coturnix_japonica_core_98_2
## 2018          coturnix_japonica_core_99_2
## 2019          coturnix_japonica_otherfeatures_96_2
## 2020          coturnix_japonica_otherfeatures_97_2
## 2021          coturnix_japonica_otherfeatures_98_2
## 2022          coturnix_japonica_otherfeatures_99_2
## 2023          coturnix_japonica_rnaseq_96_2
## 2024          coturnix_japonica_rnaseq_97_2
## 2025          coturnix_japonica_rnaseq_98_2
## 2026          coturnix_japonica_rnaseq_99_2
## 2027          cricetulus_griseus_choklgshd_core_90_1
## 2028          cricetulus_griseus_choklgshd_core_91_1
## 2029          cricetulus_griseus_choklgshd_core_92_1
## 2030          cricetulus_griseus_choklgshd_core_93_1
## 2031          cricetulus_griseus_choklgshd_core_94_1
## 2032          cricetulus_griseus_choklgshd_core_95_1
## 2033          cricetulus_griseus_choklgshd_core_96_1
## 2034          cricetulus_griseus_choklgshd_core_97_1
## 2035          cricetulus_griseus_choklgshd_core_98_1
## 2036          cricetulus_griseus_choklgshd_core_99_1
## 2037          cricetulus_griseus_choklgshd_funcgen_90_1
## 2038          cricetulus_griseus_choklgshd_funcgen_91_1
## 2039          cricetulus_griseus_choklgshd_funcgen_92_1
## 2040          cricetulus_griseus_choklgshd_funcgen_93_1
## 2041          cricetulus_griseus_choklgshd_funcgen_94_1
## 2042          cricetulus_griseus_choklgshd_funcgen_95_1
## 2043          cricetulus_griseus_choklgshd_funcgen_96_1
## 2044          cricetulus_griseus_choklgshd_funcgen_97_1
## 2045          cricetulus_griseus_choklgshd_funcgen_98_1
## 2046          cricetulus_griseus_choklgshd_funcgen_99_1
## 2047          cricetulus_griseus_choklgshd_otherfeatures_91_1
## 2048          cricetulus_griseus_choklgshd_otherfeatures_92_1
## 2049          cricetulus_griseus_choklgshd_otherfeatures_93_1
## 2050          cricetulus_griseus_choklgshd_otherfeatures_94_1
## 2051          cricetulus_griseus_choklgshd_otherfeatures_95_1
## 2052          cricetulus_griseus_choklgshd_otherfeatures_96_1
## 2053          cricetulus_griseus_choklgshd_otherfeatures_97_1
## 2054          cricetulus_griseus_choklgshd_otherfeatures_98_1
## 2055          cricetulus_griseus_choklgshd_otherfeatures_99_1
## 2056          cricetulus_griseus_choklgshd_rnaseq_90_1
## 2057          cricetulus_griseus_choklgshd_rnaseq_91_1
## 2058          cricetulus_griseus_choklgshd_rnaseq_92_1
## 2059          cricetulus_griseus_choklgshd_rnaseq_93_1
## 2060          cricetulus_griseus_choklgshd_rnaseq_94_1
## 2061          cricetulus_griseus_choklgshd_rnaseq_95_1
## 2062          cricetulus_griseus_choklgshd_rnaseq_96_1

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## 2063      cricetus_griseus_choklgshd_rnaseq_97_1
## 2064      cricetus_griseus_choklgshd_rnaseq_98_1
## 2065      cricetus_griseus_choklgshd_rnaseq_99_1
## 2066      cricetus_griseus_crigri_core_90_1
## 2067      cricetus_griseus_crigri_core_91_1
## 2068      cricetus_griseus_crigri_core_92_1
## 2069      cricetus_griseus_crigri_core_93_1
## 2070      cricetus_griseus_crigri_core_94_1
## 2071      cricetus_griseus_crigri_core_95_1
## 2072      cricetus_griseus_crigri_core_96_1
## 2073      cricetus_griseus_crigri_core_97_1
## 2074      cricetus_griseus_crigri_core_98_1
## 2075      cricetus_griseus_crigri_core_99_1
## 2076      cricetus_griseus_crigri_funcgen_90_1
## 2077      cricetus_griseus_crigri_funcgen_91_1
## 2078      cricetus_griseus_crigri_funcgen_92_1
## 2079      cricetus_griseus_crigri_funcgen_93_1
## 2080      cricetus_griseus_crigri_funcgen_94_1
## 2081      cricetus_griseus_crigri_funcgen_95_1
## 2082      cricetus_griseus_crigri_funcgen_96_1
## 2083      cricetus_griseus_crigri_funcgen_97_1
## 2084      cricetus_griseus_crigri_funcgen_98_1
## 2085      cricetus_griseus_crigri_funcgen_99_1
## 2086      cricetus_griseus_crigri_otherfeatures_90_1
## 2087      cricetus_griseus_crigri_otherfeatures_91_1
## 2088      cricetus_griseus_crigri_otherfeatures_92_1
## 2089      cricetus_griseus_crigri_otherfeatures_93_1
## 2090      cricetus_griseus_crigri_otherfeatures_94_1
## 2091      cricetus_griseus_crigri_otherfeatures_95_1
## 2092      cricetus_griseus_crigri_otherfeatures_96_1
## 2093      cricetus_griseus_crigri_otherfeatures_97_1
## 2094      cricetus_griseus_crigri_otherfeatures_98_1
## 2095      cricetus_griseus_crigri_otherfeatures_99_1
## 2096      cricetus_griseus_crigri_rnaseq_90_1
## 2097      cricetus_griseus_crigri_rnaseq_91_1
## 2098      cricetus_griseus_crigri_rnaseq_92_1
## 2099      cricetus_griseus_crigri_rnaseq_93_1
## 2100      cricetus_griseus_crigri_rnaseq_94_1
## 2101      cricetus_griseus_crigri_rnaseq_95_1
## 2102      cricetus_griseus_crigri_rnaseq_96_1
## 2103      cricetus_griseus_crigri_rnaseq_97_1
## 2104      cricetus_griseus_crigri_rnaseq_98_1
## 2105      cricetus_griseus_crigri_rnaseq_99_1
## 2106      cricetus_griseus_picr_core_96_1
## 2107      cricetus_griseus_picr_core_97_1
## 2108      cricetus_griseus_picr_core_98_1
## 2109      cricetus_griseus_picr_core_99_1
## 2110      cricetus_griseus_picr_funcgen_96_1
## 2111      cricetus_griseus_picr_funcgen_97_1
## 2112      cricetus_griseus_picr_funcgen_98_1
## 2113      cricetus_griseus_picr_funcgen_99_1
## 2114      cricetus_griseus_picr_rnaseq_96_1
## 2115      cricetus_griseus_picr_rnaseq_97_1
## 2116      cricetus_griseus_picr_rnaseq_98_1

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## 2117          cricetulus_griseus_picr_rnaseq_99_1
## 2118          crocodylus_porosus_core_96_1
## 2119          crocodylus_porosus_core_97_1
## 2120          crocodylus_porosus_core_98_1
## 2121          crocodylus_porosus_core_99_1
## 2122          crocodylus_porosus_otherfeatures_96_1
## 2123          crocodylus_porosus_otherfeatures_97_1
## 2124          crocodylus_porosus_otherfeatures_98_1
## 2125          crocodylus_porosus_otherfeatures_99_1
## 2126          crocodylus_porosus_rnaseq_96_1
## 2127          crocodylus_porosus_rnaseq_97_1
## 2128          crocodylus_porosus_rnaseq_98_1
## 2129          crocodylus_porosus_rnaseq_99_1
## 2130          cyanistes_caeruleus_core_96_2
## 2131          cyanistes_caeruleus_core_97_2
## 2132          cyanistes_caeruleus_core_98_2
## 2133          cyanistes_caeruleus_core_99_2
## 2134          cyanistes_caeruleus_otherfeatures_96_2
## 2135          cyanistes_caeruleus_otherfeatures_97_2
## 2136          cyanistes_caeruleus_otherfeatures_98_2
## 2137          cyanistes_caeruleus_otherfeatures_99_2
## 2138          cyanistes_caeruleus_rnaseq_96_2
## 2139          cyanistes_caeruleus_rnaseq_97_2
## 2140          cyanistes_caeruleus_rnaseq_98_2
## 2141          cyanistes_caeruleus_rnaseq_99_2
## 2142          cynoglossus_semilaevis_core_94_1
## 2143          cynoglossus_semilaevis_core_95_1
## 2144          cynoglossus_semilaevis_core_96_1
## 2145          cynoglossus_semilaevis_core_97_1
## 2146          cynoglossus_semilaevis_core_98_1
## 2147          cynoglossus_semilaevis_core_99_1
## 2148          cynoglossus_semilaevis_otherfeatures_94_1
## 2149          cynoglossus_semilaevis_otherfeatures_95_1
## 2150          cynoglossus_semilaevis_otherfeatures_96_1
## 2151          cynoglossus_semilaevis_otherfeatures_97_1
## 2152          cynoglossus_semilaevis_otherfeatures_98_1
## 2153          cynoglossus_semilaevis_otherfeatures_99_1
## 2154          cynoglossus_semilaevis_rnaseq_94_1
## 2155          cynoglossus_semilaevis_rnaseq_95_1
## 2156          cynoglossus_semilaevis_rnaseq_96_1
## 2157          cynoglossus_semilaevis_rnaseq_97_1
## 2158          cynoglossus_semilaevis_rnaseq_98_1
## 2159          cynoglossus_semilaevis_rnaseq_99_1
## 2160          cyprinodon_variegatus_core_94_1
## 2161          cyprinodon_variegatus_core_95_1
## 2162          cyprinodon_variegatus_core_96_1
## 2163          cyprinodon_variegatus_core_97_1
## 2164          cyprinodon_variegatus_core_98_1
## 2165          cyprinodon_variegatus_core_99_1
## 2166          cyprinodon_variegatus_funcgen_96_1
## 2167          cyprinodon_variegatus_funcgen_97_1
## 2168          cyprinodon_variegatus_funcgen_98_1
## 2169          cyprinodon_variegatus_funcgen_99_1
## 2170          cyprinodon_variegatus_otherfeatures_94_1

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## 2171      cyprinodon_variegatus_otherfeatures_95_1
## 2172      cyprinodon_variegatus_otherfeatures_96_1
## 2173      cyprinodon_variegatus_otherfeatures_97_1
## 2174      cyprinodon_variegatus_otherfeatures_98_1
## 2175      cyprinodon_variegatus_otherfeatures_99_1
## 2176      cyprinodon_variegatus_rnaseq_94_1
## 2177      cyprinodon_variegatus_rnaseq_95_1
## 2178      cyprinodon_variegatus_rnaseq_96_1
## 2179      cyprinodon_variegatus_rnaseq_97_1
## 2180      cyprinodon_variegatus_rnaseq_98_1
## 2181      cyprinodon_variegatus_rnaseq_99_1
## 2182      cyprinus_carpio_germanmirror_core_99_10
## 2183      cyprinus_carpio_germanmirror_rnaseq_99_10
## 2184      cyprinus_carpio_hebaored_core_99_10
## 2185      cyprinus_carpio_hebaored_rnaseq_99_10
## 2186      cyprinus_carpio_huanghe_core_99_20
## 2187      cyprinus_carpio_huanghe_rnaseq_99_20
## 2188      danio_rerio_core_48_7b
## 2189      danio_rerio_core_49_7c
## 2190      danio_rerio_core_50_7d
## 2191      danio_rerio_core_51_7d
## 2192      danio_rerio_core_52_7e
## 2193      danio_rerio_core_53_7e
## 2194      danio_rerio_core_54_8
## 2195      danio_rerio_core_55_8a
## 2196      danio_rerio_core_56_8b
## 2197      danio_rerio_core_57_8c
## 2198      danio_rerio_core_58_8d
## 2199      danio_rerio_core_59_8e
## 2200      danio_rerio_core_60_9
## 2201      danio_rerio_core_61_9a
## 2202      danio_rerio_core_62_9b
## 2203      danio_rerio_core_63_9
## 2204      danio_rerio_core_64_9
## 2205      danio_rerio_core_65_9
## 2206      danio_rerio_core_66_9
## 2207      danio_rerio_core_67_9
## 2208      danio_rerio_core_68_9
## 2209      danio_rerio_core_69_9
## 2210      danio_rerio_core_70_9
## 2211      danio_rerio_core_71_9
## 2212      danio_rerio_core_72_9
## 2213      danio_rerio_core_73_9
## 2214      danio_rerio_core_74_9
## 2215      danio_rerio_core_75_9
## 2216      danio_rerio_core_76_9
## 2217      danio_rerio_core_77_9
## 2218      danio_rerio_core_78_9
## 2219      danio_rerio_core_79_9
## 2220      danio_rerio_core_80_10
## 2221      danio_rerio_core_81_10
## 2222      danio_rerio_core_82_10
## 2223      danio_rerio_core_83_10
## 2224      danio_rerio_core_84_10

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## 2225 danio_rerio_core_85_10
## 2226 danio_rerio_core_86_10
## 2227 danio_rerio_core_87_10
## 2228 danio_rerio_core_88_10
## 2229 danio_rerio_core_89_10
## 2230 danio_rerio_core_90_10
## 2231 danio_rerio_core_91_10
## 2232 danio_rerio_core_92_11
## 2233 danio_rerio_core_93_11
## 2234 danio_rerio_core_94_11
## 2235 danio_rerio_core_95_11
## 2236 danio_rerio_core_96_11
## 2237 danio_rerio_core_97_11
## 2238 danio_rerio_core_98_11
## 2239 danio_rerio_core_99_11
## 2240 danio_rerio_coreexpressionest_51_7d
## 2241 danio_rerio_coreexpressionest_52_7e
## 2242 danio_rerio_coreexpressionest_53_7e
## 2243 danio_rerio_coreexpressionest_54_8
## 2244 danio_rerio_coreexpressionest_55_8a
## 2245 danio_rerio_coreexpressionest_56_8b
## 2246 danio_rerio_coreexpressionest_57_8c
## 2247 danio_rerio_coreexpressionest_58_8d
## 2248 danio_rerio_coreexpressionest_59_8e
## 2249 danio_rerio_coreexpressionest_60_9
## 2250 danio_rerio_coreexpressionest_61_9a
## 2251 danio_rerio_coreexpressionest_62_9a
## 2252 danio_rerio_coreexpressionest_63_9
## 2253 danio_rerio_coreexpressionest_64_9
## 2254 danio_rerio_coreexpressionest_65_9
## 2255 danio_rerio_coreexpressionest_66_9
## 2256 danio_rerio_coreexpressionest_67_9
## 2257 danio_rerio_coreexpressionest_68_9
## 2258 danio_rerio_coreexpressionest_69_9
## 2259 danio_rerio_coreexpressionest_70_9
## 2260 danio_rerio_coreexpressionest_71_9
## 2261 danio_rerio_coreexpressionest_72_9
## 2262 danio_rerio_coreexpressionest_73_9
## 2263 danio_rerio_coreexpressionest_74_9
## 2264 danio_rerio_funcgen_55_8a
## 2265 danio_rerio_funcgen_56_8b
## 2266 danio_rerio_funcgen_57_8c
## 2267 danio_rerio_funcgen_58_8d
## 2268 danio_rerio_funcgen_59_8e
## 2269 danio_rerio_funcgen_60_9
## 2270 danio_rerio_funcgen_61_9a
## 2271 danio_rerio_funcgen_62_9b
## 2272 danio_rerio_funcgen_63_9
## 2273 danio_rerio_funcgen_64_9
## 2274 danio_rerio_funcgen_65_9
## 2275 danio_rerio_funcgen_66_9
## 2276 danio_rerio_funcgen_67_9
## 2277 danio_rerio_funcgen_68_9
## 2278 danio_rerio_funcgen_69_9

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## 2279      danio_rerio_funcgen_70_9
## 2280      danio_rerio_funcgen_71_9
## 2281      danio_rerio_funcgen_72_9
## 2282      danio_rerio_funcgen_73_9
## 2283      danio_rerio_funcgen_74_9
## 2284      danio_rerio_funcgen_75_9
## 2285      danio_rerio_funcgen_76_9
## 2286      danio_rerio_funcgen_77_9
## 2287      danio_rerio_funcgen_78_9
## 2288      danio_rerio_funcgen_79_9
## 2289      danio_rerio_funcgen_80_10
## 2290      danio_rerio_funcgen_81_10
## 2291      danio_rerio_funcgen_82_10
## 2292      danio_rerio_funcgen_83_10
## 2293      danio_rerio_funcgen_84_10
## 2294      danio_rerio_funcgen_85_10
## 2295      danio_rerio_funcgen_86_10
## 2296      danio_rerio_funcgen_87_10
## 2297      danio_rerio_funcgen_88_10
## 2298      danio_rerio_funcgen_89_10
## 2299      danio_rerio_funcgen_90_10
## 2300      danio_rerio_funcgen_91_10
## 2301      danio_rerio_funcgen_92_11
## 2302      danio_rerio_funcgen_93_11
## 2303      danio_rerio_funcgen_94_11
## 2304      danio_rerio_funcgen_95_11
## 2305      danio_rerio_funcgen_96_11
## 2306      danio_rerio_funcgen_97_11
## 2307      danio_rerio_funcgen_98_11
## 2308      danio_rerio_funcgen_99_11
## 2309      danio_rerio_otherfeatures_48_7b
## 2310      danio_rerio_otherfeatures_49_7c
## 2311      danio_rerio_otherfeatures_50_7d
## 2312      danio_rerio_otherfeatures_51_7d
## 2313      danio_rerio_otherfeatures_52_7e
## 2314      danio_rerio_otherfeatures_53_7e
## 2315      danio_rerio_otherfeatures_54_8
## 2316      danio_rerio_otherfeatures_55_8a
## 2317      danio_rerio_otherfeatures_56_8b
## 2318      danio_rerio_otherfeatures_57_8c
## 2319      danio_rerio_otherfeatures_58_8d
## 2320      danio_rerio_otherfeatures_59_8e
## 2321      danio_rerio_otherfeatures_60_9
## 2322      danio_rerio_otherfeatures_61_9a
## 2323      danio_rerio_otherfeatures_62_9b
## 2324      danio_rerio_otherfeatures_63_9
## 2325      danio_rerio_otherfeatures_64_9
## 2326      danio_rerio_otherfeatures_65_9
## 2327      danio_rerio_otherfeatures_66_9
## 2328      danio_rerio_otherfeatures_67_9
## 2329      danio_rerio_otherfeatures_68_9
## 2330      danio_rerio_otherfeatures_69_9
## 2331      danio_rerio_otherfeatures_70_9
## 2332      danio_rerio_otherfeatures_71_9

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## 2333      danio_rerio_otherfeatures_72_9
## 2334      danio_rerio_otherfeatures_73_9
## 2335      danio_rerio_otherfeatures_74_9
## 2336      danio_rerio_otherfeatures_75_9
## 2337      danio_rerio_otherfeatures_76_9
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## 2339      danio_rerio_otherfeatures_78_9
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## 2341      danio_rerio_otherfeatures_80_10
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## 2343      danio_rerio_otherfeatures_82_10
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## 2347      danio_rerio_otherfeatures_86_10
## 2348      danio_rerio_otherfeatures_87_10
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## 2351      danio_rerio_otherfeatures_90_10
## 2352      danio_rerio_otherfeatures_91_10
## 2353      danio_rerio_otherfeatures_92_11
## 2354      danio_rerio_otherfeatures_93_11
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## 2357      danio_rerio_otherfeatures_96_11
## 2358      danio_rerio_otherfeatures_97_11
## 2359      danio_rerio_otherfeatures_98_11
## 2360      danio_rerio_otherfeatures_99_11
## 2361      danio_rerio_rnaseq_80_10
## 2362      danio_rerio_rnaseq_81_10
## 2363      danio_rerio_rnaseq_82_10
## 2364      danio_rerio_rnaseq_83_10
## 2365      danio_rerio_rnaseq_84_10
## 2366      danio_rerio_rnaseq_85_10
## 2367      danio_rerio_rnaseq_86_10
## 2368      danio_rerio_rnaseq_87_10
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## 2370      danio_rerio_rnaseq_89_10
## 2371      danio_rerio_rnaseq_90_10
## 2372      danio_rerio_rnaseq_91_10
## 2373      danio_rerio_rnaseq_92_11
## 2374      danio_rerio_rnaseq_93_11
## 2375      danio_rerio_rnaseq_94_11
## 2376      danio_rerio_rnaseq_95_11
## 2377      danio_rerio_rnaseq_96_11
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## 2379      danio_rerio_rnaseq_98_11
## 2380      danio_rerio_rnaseq_99_11
## 2381      danio_rerio_variation_48_7b
## 2382      danio_rerio_variation_49_7c
## 2383      danio_rerio_variation_50_7d
## 2384      danio_rerio_variation_51_7d
## 2385      danio_rerio_variation_52_7e
## 2386      danio_rerio_variation_53_7e

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## 2387	danio_rerio_variation_54_8
## 2388	danio_rerio_variation_55_8a
## 2389	danio_rerio_variation_56_8b
## 2390	danio_rerio_variation_57_8c
## 2391	danio_rerio_variation_58_8d
## 2392	danio_rerio_variation_59_8e
## 2393	danio_rerio_variation_60_9
## 2394	danio_rerio_variation_61_9a
## 2395	danio_rerio_variation_62_9b
## 2396	danio_rerio_variation_63_9
## 2397	danio_rerio_variation_64_9
## 2398	danio_rerio_variation_65_9
## 2399	danio_rerio_variation_66_9
## 2400	danio_rerio_variation_67_9
## 2401	danio_rerio_variation_68_9
## 2402	danio_rerio_variation_69_9
## 2403	danio_rerio_variation_70_9
## 2404	danio_rerio_variation_71_9
## 2405	danio_rerio_variation_72_9
## 2406	danio_rerio_variation_73_9
## 2407	danio_rerio_variation_74_9
## 2408	danio_rerio_variation_75_9
## 2409	danio_rerio_variation_76_9
## 2410	danio_rerio_variation_77_9
## 2411	danio_rerio_variation_78_9
## 2412	danio_rerio_variation_79_9
## 2413	danio_rerio_variation_80_10
## 2414	danio_rerio_variation_81_10
## 2415	danio_rerio_variation_82_10
## 2416	danio_rerio_variation_83_10
## 2417	danio_rerio_variation_84_10
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## 2420	danio_rerio_variation_87_10
## 2421	danio_rerio_variation_88_10
## 2422	danio_rerio_variation_89_10
## 2423	danio_rerio_variation_90_10
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## 2425	danio_rerio_variation_92_11
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## 2427	danio_rerio_variation_94_11
## 2428	danio_rerio_variation_95_11
## 2429	danio_rerio_variation_96_11
## 2430	danio_rerio_variation_97_11
## 2431	danio_rerio_variation_98_11
## 2432	danio_rerio_variation_99_11
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## 2434	danio_rerio_vega_62_9b
## 2435	danio_rerio_vega_63_9
## 2436	danio_rerio_vega_64_9
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## 2438	danio_rerio_vega_66_9
## 2439	danio_rerio_vega_67_9
## 2440	danio_rerio_vega_68_9

## 2441	danio_rerio_vega_69_9
## 2442	danio_rerio_vega_70_9
## 2443	danio_rerio_vega_71_9
## 2444	danio_rerio_vega_72_9
## 2445	danio_rerio_vega_73_9
## 2446	danio_rerio_vega_74_9
## 2447	danio_rerio_vega_75_9
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## 2452	danio_rerio_vega_80_10
## 2453	danio_rerio_vega_81_10
## 2454	danio_rerio_vega_82_10
## 2455	danio_rerio_vega_83_10
## 2456	danio_rerio_vega_84_10
## 2457	danio_rerio_vega_85_10
## 2458	danio_rerio_vega_86_10
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## 2462	dasypus_novemcinctus_core_49_1f
## 2463	dasypus_novemcinctus_core_50_1g
## 2464	dasypus_novemcinctus_core_51_1g
## 2465	dasypus_novemcinctus_core_52_1h
## 2466	dasypus_novemcinctus_core_53_2
## 2467	dasypus_novemcinctus_core_54_2a
## 2468	dasypus_novemcinctus_core_55_2a
## 2469	dasypus_novemcinctus_core_56_2a
## 2470	dasypus_novemcinctus_core_57_2a
## 2471	dasypus_novemcinctus_core_58_2b
## 2472	dasypus_novemcinctus_core_59_2c
## 2473	dasypus_novemcinctus_core_60_2d
## 2474	dasypus_novemcinctus_core_61_2e
## 2475	dasypus_novemcinctus_core_62_2f
## 2476	dasypus_novemcinctus_core_63_2
## 2477	dasypus_novemcinctus_core_64_2
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## 2481	dasypus_novemcinctus_core_68_2
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## 2486	dasypus_novemcinctus_core_73_2
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## 2488	dasypus_novemcinctus_core_75_3
## 2489	dasypus_novemcinctus_core_76_3
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## 2491	dasypus_novemcinctus_core_78_3
## 2492	dasypus_novemcinctus_core_79_3
## 2493	dasypus_novemcinctus_core_80_3
## 2494	dasypus_novemcinctus_core_81_3

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## 2495      dasypus_novemcinctus_core_82_3
## 2496      dasypus_novemcinctus_core_83_3
## 2497      dasypus_novemcinctus_core_84_3
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## 2499      dasypus_novemcinctus_core_86_3
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## 2506      dasypus_novemcinctus_core_93_3
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## 2511      dasypus_novemcinctus_core_98_3
## 2512      dasypus_novemcinctus_core_99_3
## 2513      dasypus_novemcinctus_otherfeatures_74_3
## 2514      dasypus_novemcinctus_otherfeatures_75_3
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## 2531      dasypus_novemcinctus_otherfeatures_92_3
## 2532      dasypus_novemcinctus_otherfeatures_93_3
## 2533      dasypus_novemcinctus_otherfeatures_94_3
## 2534      dasypus_novemcinctus_otherfeatures_95_3
## 2535      dasypus_novemcinctus_otherfeatures_96_3
## 2536      dasypus_novemcinctus_otherfeatures_97_3
## 2537      dasypus_novemcinctus_otherfeatures_98_3
## 2538      dasypus_novemcinctus_otherfeatures_99_3
## 2539      dasypus_novemcinctus_rnaseq_74_3
## 2540      dasypus_novemcinctus_rnaseq_75_3
## 2541      dasypus_novemcinctus_rnaseq_76_3
## 2542      dasypus_novemcinctus_rnaseq_77_3
## 2543      dasypus_novemcinctus_rnaseq_78_3
## 2544      dasypus_novemcinctus_rnaseq_79_3
## 2545      dasypus_novemcinctus_rnaseq_80_3
## 2546      dasypus_novemcinctus_rnaseq_81_3
## 2547      dasypus_novemcinctus_rnaseq_82_3
## 2548      dasypus_novemcinctus_rnaseq_83_3

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## 2549      dasypus_novemcinctus_rnaseq_84_3
## 2550      dasypus_novemcinctus_rnaseq_85_3
## 2551      dasypus_novemcinctus_rnaseq_86_3
## 2552      dasypus_novemcinctus_rnaseq_87_3
## 2553      dasypus_novemcinctus_rnaseq_88_3
## 2554      dasypus_novemcinctus_rnaseq_89_3
## 2555      dasypus_novemcinctus_rnaseq_90_3
## 2556      dasypus_novemcinctus_rnaseq_91_3
## 2557      dasypus_novemcinctus_rnaseq_92_3
## 2558      dasypus_novemcinctus_rnaseq_93_3
## 2559      dasypus_novemcinctus_rnaseq_94_3
## 2560      dasypus_novemcinctus_rnaseq_95_3
## 2561      dasypus_novemcinctus_rnaseq_96_3
## 2562      dasypus_novemcinctus_rnaseq_97_3
## 2563      dasypus_novemcinctus_rnaseq_98_3
## 2564      dasypus_novemcinctus_rnaseq_99_3
## 2565      denticeps_clupeoides_core_98_11
## 2566      denticeps_clupeoides_core_99_11
## 2567      denticeps_clupeoides_otherfeatures_98_11
## 2568      denticeps_clupeoides_otherfeatures_99_11
## 2569      denticeps_clupeoides_rnaseq_98_11
## 2570      denticeps_clupeoides_rnaseq_99_11
## 2571      dipodomys_ordii_core_51_1
## 2572      dipodomys_ordii_core_52_1a
## 2573      dipodomys_ordii_core_53_1b
## 2574      dipodomys_ordii_core_54_1c
## 2575      dipodomys_ordii_core_55_1c
## 2576      dipodomys_ordii_core_56_1c
## 2577      dipodomys_ordii_core_57_1c
## 2578      dipodomys_ordii_core_58_1d
## 2579      dipodomys_ordii_core_59_1e
## 2580      dipodomys_ordii_core_60_1f
## 2581      dipodomys_ordii_core_61_1g
## 2582      dipodomys_ordii_core_62_1h
## 2583      dipodomys_ordii_core_63_1
## 2584      dipodomys_ordii_core_64_1
## 2585      dipodomys_ordii_core_65_1
## 2586      dipodomys_ordii_core_66_1
## 2587      dipodomys_ordii_core_67_1
## 2588      dipodomys_ordii_core_68_1
## 2589      dipodomys_ordii_core_69_1
## 2590      dipodomys_ordii_core_70_1
## 2591      dipodomys_ordii_core_71_1
## 2592      dipodomys_ordii_core_72_1
## 2593      dipodomys_ordii_core_73_1
## 2594      dipodomys_ordii_core_74_1
## 2595      dipodomys_ordii_core_75_1
## 2596      dipodomys_ordii_core_76_1
## 2597      dipodomys_ordii_core_77_1
## 2598      dipodomys_ordii_core_78_1
## 2599      dipodomys_ordii_core_79_1
## 2600      dipodomys_ordii_core_80_1
## 2601      dipodomys_ordii_core_81_1
## 2602      dipodomys_ordii_core_82_1

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## 2603 dipodomys_ordii_core_83_1
## 2604 dipodomys_ordii_core_84_1
## 2605 dipodomys_ordii_core_85_1
## 2606 dipodomys_ordii_core_86_1
## 2607 dipodomys_ordii_core_87_1
## 2608 dipodomys_ordii_core_88_1
## 2609 dipodomys_ordii_core_89_1
## 2610 dipodomys_ordii_core_90_2
## 2611 dipodomys_ordii_core_91_2
## 2612 dipodomys_ordii_core_92_2
## 2613 dipodomys_ordii_core_93_2
## 2614 dipodomys_ordii_core_94_2
## 2615 dipodomys_ordii_core_95_2
## 2616 dipodomys_ordii_core_96_2
## 2617 dipodomys_ordii_core_97_2
## 2618 dipodomys_ordii_core_98_2
## 2619 dipodomys_ordii_core_99_2
## 2620 dipodomys_ordii_otherfeatures_90_2
## 2621 dipodomys_ordii_otherfeatures_91_2
## 2622 dipodomys_ordii_otherfeatures_92_2
## 2623 dipodomys_ordii_otherfeatures_93_2
## 2624 dipodomys_ordii_otherfeatures_94_2
## 2625 dipodomys_ordii_otherfeatures_95_2
## 2626 dipodomys_ordii_otherfeatures_96_2
## 2627 dipodomys_ordii_otherfeatures_97_2
## 2628 dipodomys_ordii_otherfeatures_98_2
## 2629 dipodomys_ordii_otherfeatures_99_2
## 2630 dromaius_novaehollandiae_core_96_1
## 2631 dromaius_novaehollandiae_core_97_1
## 2632 dromaius_novaehollandiae_core_98_1
## 2633 dromaius_novaehollandiae_core_99_1
## 2634 dromaius_novaehollandiae_otherfeatures_96_1
## 2635 dromaius_novaehollandiae_otherfeatures_97_1
## 2636 dromaius_novaehollandiae_otherfeatures_98_1
## 2637 dromaius_novaehollandiae_otherfeatures_99_1
## 2638 dromaius_novaehollandiae_rnaseq_96_1
## 2639 dromaius_novaehollandiae_rnaseq_97_1
## 2640 dromaius_novaehollandiae_rnaseq_98_1
## 2641 dromaius_novaehollandiae_rnaseq_99_1
## 2642 drosophila_melanogaster_core_48_43b
## 2643 drosophila_melanogaster_core_49_54
## 2644 drosophila_melanogaster_core_50_54a
## 2645 drosophila_melanogaster_core_51_54a
## 2646 drosophila_melanogaster_core_52_54a
## 2647 drosophila_melanogaster_core_53_54a
## 2648 drosophila_melanogaster_core_54_54b
## 2649 drosophila_melanogaster_core_55_54c
## 2650 drosophila_melanogaster_core_56_513a
## 2651 drosophila_melanogaster_core_57_513b
## 2652 drosophila_melanogaster_core_58_513b
## 2653 drosophila_melanogaster_core_59_525a
## 2654 drosophila_melanogaster_core_60_525b
## 2655 drosophila_melanogaster_core_61_525c
## 2656 drosophila_melanogaster_core_62_525d

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## 2657	drosophila_melanogaster_core_63_525
## 2658	drosophila_melanogaster_core_64_525
## 2659	drosophila_melanogaster_core_65_539
## 2660	drosophila_melanogaster_core_66_539
## 2661	drosophila_melanogaster_core_67_539
## 2662	drosophila_melanogaster_core_68_539
## 2663	drosophila_melanogaster_core_69_539
## 2664	drosophila_melanogaster_core_70_546
## 2665	drosophila_melanogaster_core_71_546
## 2666	drosophila_melanogaster_core_72_546
## 2667	drosophila_melanogaster_core_73_546
## 2668	drosophila_melanogaster_core_74_546
## 2669	drosophila_melanogaster_core_75_546
## 2670	drosophila_melanogaster_core_76_546
## 2671	drosophila_melanogaster_core_77_546
## 2672	drosophila_melanogaster_core_78_546
## 2673	drosophila_melanogaster_core_79_602
## 2674	drosophila_melanogaster_core_80_602
## 2675	drosophila_melanogaster_core_81_602
## 2676	drosophila_melanogaster_core_82_602
## 2677	drosophila_melanogaster_core_83_602
## 2678	drosophila_melanogaster_core_84_602
## 2679	drosophila_melanogaster_core_85_602
## 2680	drosophila_melanogaster_core_86_602
## 2681	drosophila_melanogaster_core_87_602
## 2682	drosophila_melanogaster_core_88_6
## 2683	drosophila_melanogaster_core_89_6
## 2684	drosophila_melanogaster_core_90_6
## 2685	drosophila_melanogaster_core_91_6
## 2686	drosophila_melanogaster_core_92_6
## 2687	drosophila_melanogaster_core_93_6
## 2688	drosophila_melanogaster_core_94_6
## 2689	drosophila_melanogaster_core_95_6
## 2690	drosophila_melanogaster_core_96_7
## 2691	drosophila_melanogaster_core_97_7
## 2692	drosophila_melanogaster_core_98_7
## 2693	drosophila_melanogaster_core_99_8
## 2694	drosophila_melanogaster_funcgen_49_54
## 2695	drosophila_melanogaster_funcgen_50_54a
## 2696	drosophila_melanogaster_funcgen_51_54a
## 2697	drosophila_melanogaster_funcgen_52_54a
## 2698	drosophila_melanogaster_funcgen_53_54a
## 2699	drosophila_melanogaster_funcgen_54_54b
## 2700	drosophila_melanogaster_funcgen_55_54c
## 2701	drosophila_melanogaster_funcgen_56_513a
## 2702	drosophila_melanogaster_funcgen_57_513b
## 2703	drosophila_melanogaster_funcgen_58_513b
## 2704	drosophila_melanogaster_funcgen_59_525a
## 2705	drosophila_melanogaster_funcgen_60_525b
## 2706	drosophila_melanogaster_funcgen_61_525c
## 2707	drosophila_melanogaster_funcgen_62_525d
## 2708	drosophila_melanogaster_funcgen_63_525
## 2709	drosophila_melanogaster_funcgen_64_525
## 2710	drosophila_melanogaster_funcgen_65_539

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## 2711      drosophila_melanogaster_funcgen_66_539
## 2712      drosophila_melanogaster_funcgen_67_539
## 2713      drosophila_melanogaster_funcgen_68_539
## 2714      drosophila_melanogaster_funcgen_69_539
## 2715      drosophila_melanogaster_funcgen_70_546
## 2716      drosophila_melanogaster_funcgen_71_546
## 2717      drosophila_melanogaster_funcgen_72_546
## 2718      drosophila_melanogaster_funcgen_73_546
## 2719      drosophila_melanogaster_funcgen_74_546
## 2720      drosophila_melanogaster_funcgen_75_546
## 2721      drosophila_melanogaster_funcgen_76_546
## 2722      drosophila_melanogaster_funcgen_77_546
## 2723      drosophila_melanogaster_funcgen_78_546
## 2724      drosophila_melanogaster_funcgen_79_602
## 2725      drosophila_melanogaster_funcgen_80_602
## 2726      drosophila_melanogaster_funcgen_81_602
## 2727      drosophila_melanogaster_funcgen_82_602
## 2728      drosophila_melanogaster_funcgen_83_602
## 2729      drosophila_melanogaster_funcgen_84_602
## 2730      drosophila_melanogaster_funcgen_85_602
## 2731      drosophila_melanogaster_funcgen_86_602
## 2732      drosophila_melanogaster_funcgen_87_602
## 2733      drosophila_melanogaster_funcgen_88_6
## 2734      drosophila_melanogaster_funcgen_89_6
## 2735      drosophila_melanogaster_funcgen_90_6
## 2736      drosophila_melanogaster_funcgen_91_6
## 2737      drosophila_melanogaster_funcgen_92_6
## 2738      drosophila_melanogaster_funcgen_93_6
## 2739      drosophila_melanogaster_funcgen_94_6
## 2740      drosophila_melanogaster_funcgen_95_6
## 2741      drosophila_melanogaster_funcgen_96_7
## 2742      drosophila_melanogaster_funcgen_97_7
## 2743      drosophila_melanogaster_funcgen_98_7
## 2744      drosophila_melanogaster_funcgen_99_8
## 2745      drosophila_melanogaster_otherfeatures_48_43b
## 2746      drosophila_melanogaster_otherfeatures_49_54
## 2747      drosophila_melanogaster_otherfeatures_50_54a
## 2748      drosophila_melanogaster_otherfeatures_51_54a
## 2749      drosophila_melanogaster_otherfeatures_52_54a
## 2750      drosophila_melanogaster_otherfeatures_53_54a
## 2751      drosophila_melanogaster_otherfeatures_54_54b
## 2752      drosophila_melanogaster_otherfeatures_55_54c
## 2753      drosophila_melanogaster_otherfeatures_56_513a
## 2754      drosophila_melanogaster_otherfeatures_57_513b
## 2755      drosophila_melanogaster_otherfeatures_58_513b
## 2756      drosophila_melanogaster_otherfeatures_59_513b
## 2757      drosophila_melanogaster_otherfeatures_59_525a
## 2758      drosophila_melanogaster_otherfeatures_60_525b
## 2759      drosophila_melanogaster_otherfeatures_61_525c
## 2760      drosophila_melanogaster_otherfeatures_62_525d
## 2761      drosophila_melanogaster_otherfeatures_63_525
## 2762      drosophila_melanogaster_otherfeatures_64_525
## 2763      drosophila_melanogaster_otherfeatures_65_539
## 2764      drosophila_melanogaster_otherfeatures_66_539

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2765 drosophila_melanogaster_otherfeatures_67_539
 ## 2766 drosophila_melanogaster_otherfeatures_68_539
 ## 2767 drosophila_melanogaster_otherfeatures_69_539
 ## 2768 drosophila_melanogaster_otherfeatures_70_546
 ## 2769 drosophila_melanogaster_otherfeatures_71_546
 ## 2770 drosophila_melanogaster_otherfeatures_72_546
 ## 2771 drosophila_melanogaster_otherfeatures_73_546
 ## 2772 drosophila_melanogaster_otherfeatures_74_546
 ## 2773 drosophila_melanogaster_otherfeatures_75_546
 ## 2774 drosophila_melanogaster_otherfeatures_76_546
 ## 2775 drosophila_melanogaster_otherfeatures_77_546
 ## 2776 drosophila_melanogaster_otherfeatures_78_546
 ## 2777 drosophila_melanogaster_otherfeatures_79_602
 ## 2778 drosophila_melanogaster_otherfeatures_80_602
 ## 2779 drosophila_melanogaster_otherfeatures_81_602
 ## 2780 drosophila_melanogaster_otherfeatures_82_602
 ## 2781 drosophila_melanogaster_otherfeatures_83_602
 ## 2782 drosophila_melanogaster_otherfeatures_84_602
 ## 2783 drosophila_melanogaster_otherfeatures_85_602
 ## 2784 drosophila_melanogaster_otherfeatures_86_602
 ## 2785 drosophila_melanogaster_otherfeatures_87_602
 ## 2786 drosophila_melanogaster_otherfeatures_88_6
 ## 2787 drosophila_melanogaster_otherfeatures_89_6
 ## 2788 drosophila_melanogaster_otherfeatures_90_6
 ## 2789 drosophila_melanogaster_otherfeatures_91_6
 ## 2790 drosophila_melanogaster_otherfeatures_92_6
 ## 2791 drosophila_melanogaster_otherfeatures_93_6
 ## 2792 drosophila_melanogaster_otherfeatures_94_6
 ## 2793 drosophila_melanogaster_otherfeatures_95_6
 ## 2794 drosophila_melanogaster_variation_59_525a
 ## 2795 drosophila_melanogaster_variation_60_525b
 ## 2796 drosophila_melanogaster_variation_61_525c
 ## 2797 drosophila_melanogaster_variation_62_525d
 ## 2798 drosophila_melanogaster_variation_63_525
 ## 2799 drosophila_melanogaster_variation_64_525
 ## 2800 drosophila_melanogaster_variation_65_539
 ## 2801 drosophila_melanogaster_variation_66_539
 ## 2802 drosophila_melanogaster_variation_67_539
 ## 2803 drosophila_melanogaster_variation_68_539
 ## 2804 drosophila_melanogaster_variation_69_539
 ## 2805 drosophila_melanogaster_variation_70_546
 ## 2806 drosophila_melanogaster_variation_71_546
 ## 2807 drosophila_melanogaster_variation_72_546
 ## 2808 drosophila_melanogaster_variation_73_546
 ## 2809 drosophila_melanogaster_variation_74_546
 ## 2810 drosophila_melanogaster_variation_75_546
 ## 2811 drosophila_melanogaster_variation_76_546
 ## 2812 drosophila_melanogaster_variation_77_546
 ## 2813 drosophila_melanogaster_variation_78_546
 ## 2814 drosophila_melanogaster_variation_79_602
 ## 2815 drosophila_melanogaster_variation_80_602
 ## 2816 drosophila_melanogaster_variation_81_602
 ## 2817 drosophila_melanogaster_variation_82_602
 ## 2818 drosophila_melanogaster_variation_83_602

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## 2819      drosophila_melanogaster_variation_84_602
## 2820      drosophila_melanogaster_variation_85_602
## 2821      drosophila_melanogaster_variation_86_602
## 2822      drosophila_melanogaster_variation_87_602
## 2823      drosophila_melanogaster_variation_88_6
## 2824      drosophila_melanogaster_variation_89_6
## 2825      drosophila_melanogaster_variation_90_6
## 2826      drosophila_melanogaster_variation_91_6
## 2827      drosophila_melanogaster_variation_92_6
## 2828      drosophila_melanogaster_variation_93_6
## 2829      drosophila_melanogaster_variation_94_6
## 2830      drosophila_melanogaster_variation_95_6
## 2831      echeneis_naucrates_core_99_11
## 2832      echeneis_naucrates_otherfeatures_99_11
## 2833      echeneis_naucrates_rnaseq_99_11
## 2834      echinops_telfairi_core_48_1e
## 2835      echinops_telfairi_core_49_1e
## 2836      echinops_telfairi_core_50_1f
## 2837      echinops_telfairi_core_51_1f
## 2838      echinops_telfairi_core_52_1g
## 2839      echinops_telfairi_core_53_1g
## 2840      echinops_telfairi_core_54_1g
## 2841      echinops_telfairi_core_55_1g
## 2842      echinops_telfairi_core_56_1g
## 2843      echinops_telfairi_core_57_1g
## 2844      echinops_telfairi_core_58_1h
## 2845      echinops_telfairi_core_59_1i
## 2846      echinops_telfairi_core_60_1j
## 2847      echinops_telfairi_core_61_1k
## 2848      echinops_telfairi_core_62_1l
## 2849      echinops_telfairi_core_63_1
## 2850      echinops_telfairi_core_64_1
## 2851      echinops_telfairi_core_65_1
## 2852      echinops_telfairi_core_66_1
## 2853      echinops_telfairi_core_67_1
## 2854      echinops_telfairi_core_68_1
## 2855      echinops_telfairi_core_69_1
## 2856      echinops_telfairi_core_70_1
## 2857      echinops_telfairi_core_71_1
## 2858      echinops_telfairi_core_72_1
## 2859      echinops_telfairi_core_73_1
## 2860      echinops_telfairi_core_74_1
## 2861      echinops_telfairi_core_75_1
## 2862      echinops_telfairi_core_76_1
## 2863      echinops_telfairi_core_77_1
## 2864      echinops_telfairi_core_78_1
## 2865      echinops_telfairi_core_79_1
## 2866      echinops_telfairi_core_80_1
## 2867      echinops_telfairi_core_81_1
## 2868      echinops_telfairi_core_82_1
## 2869      echinops_telfairi_core_83_1
## 2870      echinops_telfairi_core_84_1
## 2871      echinops_telfairi_core_85_1
## 2872      echinops_telfairi_core_86_1

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## 2873          echinops_telfairi_core_87_1
## 2874          echinops_telfairi_core_88_1
## 2875          echinops_telfairi_core_89_1
## 2876          echinops_telfairi_core_90_1
## 2877          echinops_telfairi_core_91_1
## 2878          echinops_telfairi_core_92_1
## 2879          echinops_telfairi_core_93_1
## 2880          echinops_telfairi_core_94_1
## 2881          echinops_telfairi_core_95_1
## 2882          echinops_telfairi_core_96_1
## 2883          echinops_telfairi_core_97_1
## 2884          echinops_telfairi_core_98_1
## 2885          echinops_telfairi_core_99_1
## 2886          electrophorus_electricus_core_97_2
## 2887          electrophorus_electricus_core_98_2
## 2888          electrophorus_electricus_core_99_2
## 2889          electrophorus_electricus_otherfeatures_97_2
## 2890          electrophorus_electricus_otherfeatures_98_2
## 2891          electrophorus_electricus_otherfeatures_99_2
## 2892          electrophorus_electricus_rnaseq_97_2
## 2893          electrophorus_electricus_rnaseq_98_2
## 2894          electrophorus_electricus_rnaseq_99_2
## 2895          ensembl_ancestral_49
## 2896          ensembl_ancestral_50
## 2897          ensembl_ancestral_51
## 2898          ensembl_ancestral_52
## 2899          ensembl_ancestral_53
## 2900          ensembl_ancestral_54
## 2901          ensembl_ancestral_55
## 2902          ensembl_ancestral_56
## 2903          ensembl_ancestral_57
## 2904          ensembl_ancestral_58
## 2905          ensembl_ancestral_59
## 2906          ensembl_ancestral_60
## 2907          ensembl_ancestral_61
## 2908          ensembl_ancestral_62
## 2909          ensembl_ancestral_63
## 2910          ensembl_ancestral_64
## 2911          ensembl_ancestral_65
## 2912          ensembl_ancestral_66
## 2913          ensembl_ancestral_67
## 2914          ensembl_ancestral_68
## 2915          ensembl_ancestral_69
## 2916          ensembl_ancestral_70
## 2917          ensembl_ancestral_71
## 2918          ensembl_ancestral_72
## 2919          ensembl_ancestral_73
## 2920          ensembl_ancestral_74
## 2921          ensembl_ancestral_75
## 2922          ensembl_ancestral_76
## 2923          ensembl_ancestral_77
## 2924          ensembl_ancestral_78
## 2925          ensembl_ancestral_79
## 2926          ensembl_ancestral_80

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## 2927	ensembl_ancestral_81
## 2928	ensembl_ancestral_82
## 2929	ensembl_ancestral_83
## 2930	ensembl_ancestral_84
## 2931	ensembl_ancestral_85
## 2932	ensembl_ancestral_86
## 2933	ensembl_ancestral_87
## 2934	ensembl_ancestral_88
## 2935	ensembl_ancestral_89
## 2936	ensembl_ancestral_90
## 2937	ensembl_ancestral_91
## 2938	ensembl_ancestral_92
## 2939	ensembl_ancestral_93
## 2940	ensembl_ancestral_94
## 2941	ensembl_ancestral_95
## 2942	ensembl_ancestral_96
## 2943	ensembl_ancestral_97
## 2944	ensembl_ancestral_98
## 2945	ensembl_ancestral_99
## 2946	ensembl_archive_73
## 2947	ensembl_archive_74
## 2948	ensembl_archive_75
## 2949	ensembl_archive_76
## 2950	ensembl_archive_77
## 2951	ensembl_archive_78
## 2952	ensembl_archive_79
## 2953	ensembl_archive_80
## 2954	ensembl_archive_81
## 2955	ensembl_archive_82
## 2956	ensembl_archive_83
## 2957	ensembl_archive_84
## 2958	ensembl_archive_85
## 2959	ensembl_archive_86
## 2960	ensembl_archive_87
## 2961	ensembl_archive_88
## 2962	ensembl_archive_89
## 2963	ensembl_archive_90
## 2964	ensembl_archive_91
## 2965	ensembl_archive_92
## 2966	ensembl_archive_93
## 2967	ensembl_archive_94
## 2968	ensembl_archive_95
## 2969	ensembl_archive_96
## 2970	ensembl_archive_97
## 2971	ensembl_archive_98
## 2972	ensembl_archive_99
## 2973	ensembl_compara_48
## 2974	ensembl_compara_49
## 2975	ensembl_compara_50
## 2976	ensembl_compara_51
## 2977	ensembl_compara_52
## 2978	ensembl_compara_53
## 2979	ensembl_compara_54
## 2980	ensembl_compara_55

## 2981	ensembl_compara_56
## 2982	ensembl_compara_57
## 2983	ensembl_compara_58
## 2984	ensembl_compara_59
## 2985	ensembl_compara_60
## 2986	ensembl_compara_61
## 2987	ensembl_compara_62
## 2988	ensembl_compara_63
## 2989	ensembl_compara_64
## 2990	ensembl_compara_65
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## 2993	ensembl_compara_68
## 2994	ensembl_compara_69
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## 2996	ensembl_compara_71
## 2997	ensembl_compara_72
## 2998	ensembl_compara_73
## 2999	ensembl_compara_74
## 3000	ensembl_compara_75
## 3001	ensembl_compara_76
## 3002	ensembl_compara_77
## 3003	ensembl_compara_78
## 3004	ensembl_compara_79
## 3005	ensembl_compara_80
## 3006	ensembl_compara_81
## 3007	ensembl_compara_82
## 3008	ensembl_compara_83
## 3009	ensembl_compara_84
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## 3012	ensembl_compara_87
## 3013	ensembl_compara_88
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## 3015	ensembl_compara_90
## 3016	ensembl_compara_91
## 3017	ensembl_compara_92
## 3018	ensembl_compara_93
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## 3022	ensembl_compara_97
## 3023	ensembl_compara_98
## 3024	ensembl_compara_99
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## 3026	ensembl_go_49
## 3027	ensembl_go_50
## 3028	ensembl_go_51
## 3029	ensembl_go_52
## 3030	ensembl_go_53
## 3031	ensembl_go_54
## 3032	ensembl_metadata_96
## 3033	ensembl_metadata_97
## 3034	ensembl_metadata_98

## 3035	ensembl_metadata_99
## 3036	ensembl_ontology_55
## 3037	ensembl_ontology_56
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## 3039	ensembl_ontology_58
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## 3043	ensembl_ontology_62
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## 3050	ensembl_ontology_69
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## 3053	ensembl_ontology_72
## 3054	ensembl_ontology_73
## 3055	ensembl_ontology_74
## 3056	ensembl_ontology_75
## 3057	ensembl_ontology_76
## 3058	ensembl_ontology_77
## 3059	ensembl_ontology_78
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## 3073	ensembl_ontology_92
## 3074	ensembl_ontology_93
## 3075	ensembl_ontology_94
## 3076	ensembl_ontology_95
## 3077	ensembl_ontology_96
## 3078	ensembl_ontology_97
## 3079	ensembl_ontology_98
## 3080	ensembl_ontology_99
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## 3087	ensembl_production_65
## 3088	ensembl_production_66

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## 3092	ensembl_production_70
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## 3094	ensembl_production_72
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## 3096	ensembl_production_74
## 3097	ensembl_production_75
## 3098	ensembl_production_76
## 3099	ensembl_production_77
## 3100	ensembl_production_78
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## 3114	ensembl_production_92
## 3115	ensembl_production_93
## 3116	ensembl_production_94
## 3117	ensembl_production_95
## 3118	ensembl_production_96
## 3119	ensembl_production_97
## 3120	ensembl_production_98
## 3121	ensembl_production_99
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## 3123	ensembl_stable_ids_74
## 3124	ensembl_stable_ids_75
## 3125	ensembl_stable_ids_76
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## 3127	ensembl_stable_ids_78
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## 3132	ensembl_stable_ids_83
## 3133	ensembl_stable_ids_84
## 3134	ensembl_stable_ids_85
## 3135	ensembl_stable_ids_86
## 3136	ensembl_stable_ids_87
## 3137	ensembl_stable_ids_88
## 3138	ensembl_stable_ids_89
## 3139	ensembl_stable_ids_90
## 3140	ensembl_stable_ids_91
## 3141	ensembl_stable_ids_92
## 3142	ensembl_stable_ids_93

## 3143	ensembl_stable_ids_94
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## 3147	ensembl_stable_ids_98
## 3148	ensembl_stable_ids_99
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## 3151	ensembl_website_50
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## 3157	ensembl_website_62
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## 3170	ensembl_website_75
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## 3173	ensembl_website_78
## 3174	ensembl_website_79
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## 3183	ensembl_website_88
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## 3185	ensembl_website_90
## 3186	ensembl_website_91
## 3187	ensembl_website_92
## 3188	ensembl_website_93
## 3189	ensembl_website_94
## 3190	ensembl_website_95
## 3191	ensembl_website_96
## 3192	ensembl_website_97
## 3193	ensembl_website_98
## 3194	ensembl_website_99
## 3195	eptatretus_burgeri_core_93_32
## 3196	eptatretus_burgeri_core_94_32

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## 3197      eptatretus_burgeri_core_95_32
## 3198      eptatretus_burgeri_core_96_32
## 3199      eptatretus_burgeri_core_97_32
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## 3201      eptatretus_burgeri_core_99_32
## 3202      eptatretus_burgeri_rnaseq_93_32
## 3203      eptatretus_burgeri_rnaseq_94_32
## 3204      eptatretus_burgeri_rnaseq_95_32
## 3205      eptatretus_burgeri_rnaseq_96_32
## 3206      eptatretus_burgeri_rnaseq_97_32
## 3207      eptatretus_burgeri_rnaseq_98_32
## 3208      eptatretus_burgeri_rnaseq_99_32
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## 3210      equus_asinus_asinus_core_96_1
## 3211      equus_asinus_asinus_core_97_1
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## 3213      equus_asinus_asinus_core_99_1
## 3214      equus_asinus_asinus_rnaseq_95_1
## 3215      equus_asinus_asinus_rnaseq_96_1
## 3216      equus_asinus_asinus_rnaseq_97_1
## 3217      equus_asinus_asinus_rnaseq_98_1
## 3218      equus_asinus_asinus_rnaseq_99_1
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## 3220      equus_caballus_core_50_2a
## 3221      equus_caballus_core_51_2a
## 3222      equus_caballus_core_52_2b
## 3223      equus_caballus_core_53_2c
## 3224      equus_caballus_core_54_2d
## 3225      equus_caballus_core_55_2d
## 3226      equus_caballus_core_56_2d
## 3227      equus_caballus_core_57_2d
## 3228      equus_caballus_core_58_2e
## 3229      equus_caballus_core_59_2f
## 3230      equus_caballus_core_60_2g
## 3231      equus_caballus_core_61_2h
## 3232      equus_caballus_core_62_2i
## 3233      equus_caballus_core_63_2
## 3234      equus_caballus_core_64_2
## 3235      equus_caballus_core_65_2
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## 3244      equus_caballus_core_74_2
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## 3246      equus_caballus_core_76_2
## 3247      equus_caballus_core_77_2
## 3248      equus_caballus_core_78_2
## 3249      equus_caballus_core_79_2
## 3250      equus_caballus_core_80_2

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## 3251 equus_caballus_core_81_2
## 3252 equus_caballus_core_82_2
## 3253 equus_caballus_core_83_2
## 3254 equus_caballus_core_84_2
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## 3256 equus_caballus_core_86_2
## 3257 equus_caballus_core_87_2
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## 3259 equus_caballus_core_89_2
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## 3263 equus_caballus_core_93_2
## 3264 equus_caballus_core_94_2
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## 3266 equus_caballus_core_96_3
## 3267 equus_caballus_core_97_3
## 3268 equus_caballus_core_98_3
## 3269 equus_caballus_core_99_3
## 3270 equus_caballus_funcgen_96_3
## 3271 equus_caballus_funcgen_97_3
## 3272 equus_caballus_funcgen_98_3
## 3273 equus_caballus_funcgen_99_3
## 3274 equus_caballus_otherfeatures_49_2
## 3275 equus_caballus_otherfeatures_50_2a
## 3276 equus_caballus_otherfeatures_51_2a
## 3277 equus_caballus_otherfeatures_52_2b
## 3278 equus_caballus_otherfeatures_53_2c
## 3279 equus_caballus_otherfeatures_54_2d
## 3280 equus_caballus_otherfeatures_55_2d
## 3281 equus_caballus_otherfeatures_56_2d
## 3282 equus_caballus_otherfeatures_57_2d
## 3283 equus_caballus_otherfeatures_58_2e
## 3284 equus_caballus_otherfeatures_59_2f
## 3285 equus_caballus_otherfeatures_60_2g
## 3286 equus_caballus_otherfeatures_61_2h
## 3287 equus_caballus_otherfeatures_62_2i
## 3288 equus_caballus_otherfeatures_63_2
## 3289 equus_caballus_otherfeatures_64_2
## 3290 equus_caballus_otherfeatures_65_2
## 3291 equus_caballus_otherfeatures_66_2
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## 3299 equus_caballus_otherfeatures_74_2
## 3300 equus_caballus_otherfeatures_75_2
## 3301 equus_caballus_otherfeatures_76_2
## 3302 equus_caballus_otherfeatures_77_2
## 3303 equus_caballus_otherfeatures_78_2
## 3304 equus_caballus_otherfeatures_79_2

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## 3305 equus_caballus_otherfeatures_80_2
## 3306 equus_caballus_otherfeatures_81_2
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## 3309 equus_caballus_otherfeatures_84_2
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## 3311 equus_caballus_otherfeatures_86_2
## 3312 equus_caballus_otherfeatures_87_2
## 3313 equus_caballus_otherfeatures_88_2
## 3314 equus_caballus_otherfeatures_89_2
## 3315 equus_caballus_otherfeatures_90_2
## 3316 equus_caballus_otherfeatures_91_2
## 3317 equus_caballus_otherfeatures_92_2
## 3318 equus_caballus_otherfeatures_93_2
## 3319 equus_caballus_otherfeatures_94_2
## 3320 equus_caballus_otherfeatures_95_3
## 3321 equus_caballus_otherfeatures_96_3
## 3322 equus_caballus_otherfeatures_97_3
## 3323 equus_caballus_otherfeatures_98_3
## 3324 equus_caballus_otherfeatures_99_3
## 3325 equus_caballus_rnaseq_95_3
## 3326 equus_caballus_rnaseq_96_3
## 3327 equus_caballus_rnaseq_97_3
## 3328 equus_caballus_rnaseq_98_3
## 3329 equus_caballus_rnaseq_99_3
## 3330 equus_caballus_variation_57_2d
## 3331 equus_caballus_variation_58_2e
## 3332 equus_caballus_variation_59_2f
## 3333 equus_caballus_variation_60_2g
## 3334 equus_caballus_variation_61_2h
## 3335 equus_caballus_variation_62_2i
## 3336 equus_caballus_variation_63_2
## 3337 equus_caballus_variation_64_2
## 3338 equus_caballus_variation_65_2
## 3339 equus_caballus_variation_66_2
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## 3352 equus_caballus_variation_79_2
## 3353 equus_caballus_variation_80_2
## 3354 equus_caballus_variation_81_2
## 3355 equus_caballus_variation_82_2
## 3356 equus_caballus_variation_83_2
## 3357 equus_caballus_variation_84_2
## 3358 equus_caballus_variation_85_2

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## 3359	equus_caballus_variation_86_2
## 3360	equus_caballus_variation_87_2
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## 3367	equus_caballus_variation_94_2
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## 3369	equus_caballus_variation_96_3
## 3370	equus_caballus_variation_97_3
## 3371	equus_caballus_variation_98_3
## 3372	equus_caballus_variation_99_3
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## 3374	erinaceus_europaeus_core_49_1c
## 3375	erinaceus_europaeus_core_50_1d
## 3376	erinaceus_europaeus_core_51_1d
## 3377	erinaceus_europaeus_core_52_1e
## 3378	erinaceus_europaeus_core_53_1e
## 3379	erinaceus_europaeus_core_54_1e
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## 3381	erinaceus_europaeus_core_56_1e
## 3382	erinaceus_europaeus_core_57_1e
## 3383	erinaceus_europaeus_core_58_1f
## 3384	erinaceus_europaeus_core_59_1g
## 3385	erinaceus_europaeus_core_60_1h
## 3386	erinaceus_europaeus_core_61_1i
## 3387	erinaceus_europaeus_core_62_1j
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## 3404	erinaceus_europaeus_core_79_1
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## 3407	erinaceus_europaeus_core_82_1
## 3408	erinaceus_europaeus_core_83_1
## 3409	erinaceus_europaeus_core_84_1
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## 3411	erinaceus_europaeus_core_86_1
## 3412	erinaceus_europaeus_core_87_1

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## 3426          erpetoichthys_calabaricus_core_99_11
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## 3428          erpetoichthys_calabaricus_otherfeatures_99_11
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## 3437          esox_lucius_core_98_3
## 3438          esox_lucius_core_99_3
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## 3440          esox_lucius_otherfeatures_95_3
## 3441          esox_lucius_otherfeatures_96_3
## 3442          esox_lucius_otherfeatures_97_3
## 3443          esox_lucius_otherfeatures_98_3
## 3444          esox_lucius_otherfeatures_99_3
## 3445          esox_lucius_rnaseq_94_3
## 3446          esox_lucius_rnaseq_95_3
## 3447          esox_lucius_rnaseq_96_3
## 3448          esox_lucius_rnaseq_97_3
## 3449          esox_lucius_rnaseq_98_3
## 3450          esox_lucius_rnaseq_99_3
## 3451          felis_catus_core_48_1c
## 3452          felis_catus_core_49_1c
## 3453          felis_catus_core_50_1d
## 3454          felis_catus_core_51_1e
## 3455          felis_catus_core_52_1f
## 3456          felis_catus_core_53_1f
## 3457          felis_catus_core_54_1f
## 3458          felis_catus_core_55_1f
## 3459          felis_catus_core_56_1f
## 3460          felis_catus_core_57_1f
## 3461          felis_catus_core_58_1g
## 3462          felis_catus_core_59_1h
## 3463          felis_catus_core_60_1i
## 3464          felis_catus_core_61_1j
## 3465          felis_catus_core_62_1k
## 3466          felis_catus_core_63_1

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## 3467 felis_catus_core_64_1
## 3468 felis_catus_core_65_1
## 3469 felis_catus_core_66_1
## 3470 felis_catus_core_67_1
## 3471 felis_catus_core_68_1
## 3472 felis_catus_core_69_1
## 3473 felis_catus_core_70_62
## 3474 felis_catus_core_71_62
## 3475 felis_catus_core_72_62
## 3476 felis_catus_core_73_62
## 3477 felis_catus_core_74_62
## 3478 felis_catus_core_75_62
## 3479 felis_catus_core_76_62
## 3480 felis_catus_core_77_62
## 3481 felis_catus_core_78_62
## 3482 felis_catus_core_79_62
## 3483 felis_catus_core_80_62
## 3484 felis_catus_core_81_62
## 3485 felis_catus_core_82_62
## 3486 felis_catus_core_83_62
## 3487 felis_catus_core_84_62
## 3488 felis_catus_core_85_62
## 3489 felis_catus_core_86_62
## 3490 felis_catus_core_87_62
## 3491 felis_catus_core_88_62
## 3492 felis_catus_core_89_62
## 3493 felis_catus_core_90_62
## 3494 felis_catus_core_91_8
## 3495 felis_catus_core_92_8
## 3496 felis_catus_core_93_9
## 3497 felis_catus_core_94_9
## 3498 felis_catus_core_95_9
## 3499 felis_catus_core_96_9
## 3500 felis_catus_core_97_9
## 3501 felis_catus_core_98_9
## 3502 felis_catus_core_99_9
## 3503 felis_catus_funcgen_92_8
## 3504 felis_catus_funcgen_93_9
## 3505 felis_catus_funcgen_94_9
## 3506 felis_catus_funcgen_95_9
## 3507 felis_catus_funcgen_96_9
## 3508 felis_catus_funcgen_97_9
## 3509 felis_catus_funcgen_98_9
## 3510 felis_catus_funcgen_99_9
## 3511 felis_catus_otherfeatures_70_62
## 3512 felis_catus_otherfeatures_71_62
## 3513 felis_catus_otherfeatures_72_62
## 3514 felis_catus_otherfeatures_73_62
## 3515 felis_catus_otherfeatures_74_62
## 3516 felis_catus_otherfeatures_75_62
## 3517 felis_catus_otherfeatures_76_62
## 3518 felis_catus_otherfeatures_77_62
## 3519 felis_catus_otherfeatures_78_62
## 3520 felis_catus_otherfeatures_79_62

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## 3521 felis_catus_otherfeatures_80_62
## 3522 felis_catus_otherfeatures_81_62
## 3523 felis_catus_otherfeatures_82_62
## 3524 felis_catus_otherfeatures_83_62
## 3525 felis_catus_otherfeatures_84_62
## 3526 felis_catus_otherfeatures_85_62
## 3527 felis_catus_otherfeatures_86_62
## 3528 felis_catus_otherfeatures_87_62
## 3529 felis_catus_otherfeatures_88_62
## 3530 felis_catus_otherfeatures_89_62
## 3531 felis_catus_otherfeatures_90_62
## 3532 felis_catus_otherfeatures_91_8
## 3533 felis_catus_otherfeatures_92_8
## 3534 felis_catus_otherfeatures_93_9
## 3535 felis_catus_otherfeatures_94_9
## 3536 felis_catus_otherfeatures_95_9
## 3537 felis_catus_otherfeatures_96_9
## 3538 felis_catus_otherfeatures_97_9
## 3539 felis_catus_otherfeatures_98_9
## 3540 felis_catus_otherfeatures_99_9
## 3541 felis_catus_rnaseq_70_62
## 3542 felis_catus_rnaseq_71_62
## 3543 felis_catus_rnaseq_72_62
## 3544 felis_catus_rnaseq_73_62
## 3545 felis_catus_rnaseq_74_62
## 3546 felis_catus_rnaseq_75_62
## 3547 felis_catus_rnaseq_76_62
## 3548 felis_catus_rnaseq_77_62
## 3549 felis_catus_rnaseq_78_62
## 3550 felis_catus_rnaseq_79_62
## 3551 felis_catus_rnaseq_80_62
## 3552 felis_catus_rnaseq_81_62
## 3553 felis_catus_rnaseq_82_62
## 3554 felis_catus_rnaseq_83_62
## 3555 felis_catus_rnaseq_84_62
## 3556 felis_catus_rnaseq_85_62
## 3557 felis_catus_rnaseq_86_62
## 3558 felis_catus_rnaseq_87_62
## 3559 felis_catus_rnaseq_88_62
## 3560 felis_catus_rnaseq_89_62
## 3561 felis_catus_rnaseq_90_62
## 3562 felis_catus_rnaseq_91_8
## 3563 felis_catus_rnaseq_92_8
## 3564 felis_catus_rnaseq_93_9
## 3565 felis_catus_rnaseq_94_9
## 3566 felis_catus_rnaseq_95_9
## 3567 felis_catus_rnaseq_96_9
## 3568 felis_catus_rnaseq_97_9
## 3569 felis_catus_rnaseq_98_9
## 3570 felis_catus_rnaseq_99_9
## 3571 felis_catus_variation_61_1j
## 3572 felis_catus_variation_62_1k
## 3573 felis_catus_variation_63_1
## 3574 felis_catus_variation_64_1

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## 3575 felis_catus_variation_65_1
## 3576 felis_catus_variation_66_1
## 3577 felis_catus_variation_67_1
## 3578 felis_catus_variation_68_1
## 3579 felis_catus_variation_69_1
## 3580 felis_catus_variation_70_62
## 3581 felis_catus_variation_71_62
## 3582 felis_catus_variation_72_62
## 3583 felis_catus_variation_73_62
## 3584 felis_catus_variation_74_62
## 3585 felis_catus_variation_75_62
## 3586 felis_catus_variation_76_62
## 3587 felis_catus_variation_77_62
## 3588 felis_catus_variation_78_62
## 3589 felis_catus_variation_79_62
## 3590 felis_catus_variation_80_62
## 3591 felis_catus_variation_81_62
## 3592 felis_catus_variation_82_62
## 3593 felis_catus_variation_83_62
## 3594 felis_catus_variation_84_62
## 3595 felis_catus_variation_85_62
## 3596 felis_catus_variation_86_62
## 3597 felis_catus_variation_87_62
## 3598 felis_catus_variation_88_62
## 3599 felis_catus_variation_89_62
## 3600 felis_catus_variation_90_62
## 3601 felis_catus_variation_91_8
## 3602 felis_catus_variation_92_8
## 3603 felis_catus_variation_93_9
## 3604 felis_catus_variation_94_9
## 3605 felis_catus_variation_95_9
## 3606 felis_catus_variation_96_9
## 3607 felis_catus_variation_97_9
## 3608 felis_catus_variation_98_9
## 3609 felis_catus_variation_99_9
## 3610 ficedula_albicollis_core_73_1
## 3611 ficedula_albicollis_core_74_1
## 3612 ficedula_albicollis_core_75_1
## 3613 ficedula_albicollis_core_76_1
## 3614 ficedula_albicollis_core_77_1
## 3615 ficedula_albicollis_core_78_1
## 3616 ficedula_albicollis_core_79_1
## 3617 ficedula_albicollis_core_80_1
## 3618 ficedula_albicollis_core_81_1
## 3619 ficedula_albicollis_core_82_1
## 3620 ficedula_albicollis_core_83_1
## 3621 ficedula_albicollis_core_84_1
## 3622 ficedula_albicollis_core_85_1
## 3623 ficedula_albicollis_core_86_1
## 3624 ficedula_albicollis_core_87_1
## 3625 ficedula_albicollis_core_88_1
## 3626 ficedula_albicollis_core_89_1
## 3627 ficedula_albicollis_core_90_1
## 3628 ficedula_albicollis_core_91_1

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## 3629          ficedula_albicollis_core_92_1
## 3630          ficedula_albicollis_core_93_1
## 3631          ficedula_albicollis_core_94_1
## 3632          ficedula_albicollis_core_95_1
## 3633          ficedula_albicollis_core_96_1
## 3634          ficedula_albicollis_core_97_1
## 3635          ficedula_albicollis_core_98_1
## 3636          ficedula_albicollis_core_99_1
## 3637  ficedula_albicollis_otherfeatures_73_1
## 3638  ficedula_albicollis_otherfeatures_74_1
## 3639  ficedula_albicollis_otherfeatures_75_1
## 3640  ficedula_albicollis_otherfeatures_76_1
## 3641  ficedula_albicollis_otherfeatures_77_1
## 3642  ficedula_albicollis_otherfeatures_78_1
## 3643  ficedula_albicollis_otherfeatures_79_1
## 3644  ficedula_albicollis_otherfeatures_80_1
## 3645  ficedula_albicollis_otherfeatures_81_1
## 3646  ficedula_albicollis_otherfeatures_82_1
## 3647  ficedula_albicollis_otherfeatures_83_1
## 3648  ficedula_albicollis_otherfeatures_84_1
## 3649  ficedula_albicollis_otherfeatures_85_1
## 3650  ficedula_albicollis_otherfeatures_86_1
## 3651  ficedula_albicollis_otherfeatures_87_1
## 3652  ficedula_albicollis_otherfeatures_88_1
## 3653  ficedula_albicollis_otherfeatures_89_1
## 3654  ficedula_albicollis_otherfeatures_90_1
## 3655  ficedula_albicollis_otherfeatures_91_1
## 3656  ficedula_albicollis_otherfeatures_92_1
## 3657  ficedula_albicollis_otherfeatures_93_1
## 3658  ficedula_albicollis_otherfeatures_94_1
## 3659  ficedula_albicollis_otherfeatures_95_1
## 3660  ficedula_albicollis_otherfeatures_96_1
## 3661  ficedula_albicollis_otherfeatures_97_1
## 3662  ficedula_albicollis_otherfeatures_98_1
## 3663  ficedula_albicollis_otherfeatures_99_1
## 3664          ficedula_albicollis_rnaseq_73_1
## 3665          ficedula_albicollis_rnaseq_74_1
## 3666          ficedula_albicollis_rnaseq_75_1
## 3667          ficedula_albicollis_rnaseq_76_1
## 3668          ficedula_albicollis_rnaseq_77_1
## 3669          ficedula_albicollis_rnaseq_78_1
## 3670          ficedula_albicollis_rnaseq_79_1
## 3671          ficedula_albicollis_rnaseq_80_1
## 3672          ficedula_albicollis_rnaseq_81_1
## 3673          ficedula_albicollis_rnaseq_82_1
## 3674          ficedula_albicollis_rnaseq_83_1
## 3675          ficedula_albicollis_rnaseq_84_1
## 3676          ficedula_albicollis_rnaseq_85_1
## 3677          ficedula_albicollis_rnaseq_86_1
## 3678          ficedula_albicollis_rnaseq_87_1
## 3679          ficedula_albicollis_rnaseq_88_1
## 3680          ficedula_albicollis_rnaseq_89_1
## 3681          ficedula_albicollis_rnaseq_90_1
## 3682          ficedula_albicollis_rnaseq_91_1

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## 3683          ficedula_albicollis_rnaseq_92_1
## 3684          ficedula_albicollis_rnaseq_93_1
## 3685          ficedula_albicollis_rnaseq_94_1
## 3686          ficedula_albicollis_rnaseq_95_1
## 3687          ficedula_albicollis_rnaseq_96_1
## 3688          ficedula_albicollis_rnaseq_97_1
## 3689          ficedula_albicollis_rnaseq_98_1
## 3690          ficedula_albicollis_rnaseq_99_1
## 3691          fukomys_damarensis_core_90_1
## 3692          fukomys_damarensis_core_91_1
## 3693          fukomys_damarensis_core_92_1
## 3694          fukomys_damarensis_core_93_1
## 3695          fukomys_damarensis_core_94_1
## 3696          fukomys_damarensis_core_95_1
## 3697          fukomys_damarensis_core_96_1
## 3698          fukomys_damarensis_core_97_1
## 3699          fukomys_damarensis_core_98_1
## 3700          fukomys_damarensis_core_99_1
## 3701          fukomys_damarensis_otherfeatures_90_1
## 3702          fukomys_damarensis_otherfeatures_91_1
## 3703          fukomys_damarensis_otherfeatures_92_1
## 3704          fukomys_damarensis_otherfeatures_93_1
## 3705          fukomys_damarensis_otherfeatures_94_1
## 3706          fukomys_damarensis_otherfeatures_95_1
## 3707          fukomys_damarensis_otherfeatures_96_1
## 3708          fukomys_damarensis_otherfeatures_97_1
## 3709          fukomys_damarensis_otherfeatures_98_1
## 3710          fukomys_damarensis_otherfeatures_99_1
## 3711          fukomys_damarensis_rnaseq_90_1
## 3712          fukomys_damarensis_rnaseq_91_1
## 3713          fukomys_damarensis_rnaseq_92_1
## 3714          fukomys_damarensis_rnaseq_93_1
## 3715          fukomys_damarensis_rnaseq_94_1
## 3716          fukomys_damarensis_rnaseq_95_1
## 3717          fukomys_damarensis_rnaseq_96_1
## 3718          fukomys_damarensis_rnaseq_97_1
## 3719          fukomys_damarensis_rnaseq_98_1
## 3720          fukomys_damarensis_rnaseq_99_1
## 3721          fundulus_heteroclitus_core_94_302
## 3722          fundulus_heteroclitus_core_95_302
## 3723          fundulus_heteroclitus_core_96_302
## 3724          fundulus_heteroclitus_core_97_302
## 3725          fundulus_heteroclitus_core_98_302
## 3726          fundulus_heteroclitus_core_99_302
## 3727          fundulus_heteroclitus_funcgen_96_302
## 3728          fundulus_heteroclitus_funcgen_97_302
## 3729          fundulus_heteroclitus_funcgen_98_302
## 3730          fundulus_heteroclitus_funcgen_99_302
## 3731          fundulus_heteroclitus_otherfeatures_94_302
## 3732          fundulus_heteroclitus_otherfeatures_95_302
## 3733          fundulus_heteroclitus_otherfeatures_96_302
## 3734          fundulus_heteroclitus_otherfeatures_97_302
## 3735          fundulus_heteroclitus_otherfeatures_98_302
## 3736          fundulus_heteroclitus_otherfeatures_99_302

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## 3737 fundulus_heteroclitus_rnaseq_94_302
## 3738 fundulus_heteroclitus_rnaseq_95_302
## 3739 fundulus_heteroclitus_rnaseq_96_302
## 3740 fundulus_heteroclitus_rnaseq_97_302
## 3741 fundulus_heteroclitus_rnaseq_98_302
## 3742 fundulus_heteroclitus_rnaseq_99_302
## 3743 gadus_morhua_core_65_1
## 3744 gadus_morhua_core_66_1
## 3745 gadus_morhua_core_67_1
## 3746 gadus_morhua_core_68_1
## 3747 gadus_morhua_core_69_1
## 3748 gadus_morhua_core_70_1
## 3749 gadus_morhua_core_71_1
## 3750 gadus_morhua_core_72_1
## 3751 gadus_morhua_core_73_1
## 3752 gadus_morhua_core_74_1
## 3753 gadus_morhua_core_75_1
## 3754 gadus_morhua_core_76_1
## 3755 gadus_morhua_core_77_1
## 3756 gadus_morhua_core_78_1
## 3757 gadus_morhua_core_79_1
## 3758 gadus_morhua_core_80_1
## 3759 gadus_morhua_core_81_1
## 3760 gadus_morhua_core_82_1
## 3761 gadus_morhua_core_83_1
## 3762 gadus_morhua_core_84_1
## 3763 gadus_morhua_core_85_1
## 3764 gadus_morhua_core_86_1
## 3765 gadus_morhua_core_87_1
## 3766 gadus_morhua_core_88_1
## 3767 gadus_morhua_core_89_1
## 3768 gadus_morhua_core_90_1
## 3769 gadus_morhua_core_91_1
## 3770 gadus_morhua_core_92_1
## 3771 gadus_morhua_core_93_1
## 3772 gadus_morhua_core_94_1
## 3773 gadus_morhua_core_95_1
## 3774 gadus_morhua_core_96_1
## 3775 gadus_morhua_core_97_1
## 3776 gadus_morhua_core_98_1
## 3777 gadus_morhua_core_99_1
## 3778 gallus_gallus_core_48_2f
## 3779 gallus_gallus_core_49_2g
## 3780 gallus_gallus_core_50_2h
## 3781 gallus_gallus_core_51_2i
## 3782 gallus_gallus_core_52_2j
## 3783 gallus_gallus_core_53_2k
## 3784 gallus_gallus_core_54_2l
## 3785 gallus_gallus_core_55_2m
## 3786 gallus_gallus_core_56_2m
## 3787 gallus_gallus_core_57_2m
## 3788 gallus_gallus_core_58_2n
## 3789 gallus_gallus_core_59_2o
## 3790 gallus_gallus_core_60_2p

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## 3791	gallus_gallus_core_61_2q
## 3792	gallus_gallus_core_62_2r
## 3793	gallus_gallus_core_63_2
## 3794	gallus_gallus_core_64_2
## 3795	gallus_gallus_core_65_2
## 3796	gallus_gallus_core_66_2
## 3797	gallus_gallus_core_67_2
## 3798	gallus_gallus_core_68_2
## 3799	gallus_gallus_core_69_2
## 3800	gallus_gallus_core_70_2
## 3801	gallus_gallus_core_71_4
## 3802	gallus_gallus_core_72_4
## 3803	gallus_gallus_core_73_4
## 3804	gallus_gallus_core_74_4
## 3805	gallus_gallus_core_75_4
## 3806	gallus_gallus_core_76_4
## 3807	gallus_gallus_core_77_4
## 3808	gallus_gallus_core_78_4
## 3809	gallus_gallus_core_79_4
## 3810	gallus_gallus_core_80_4
## 3811	gallus_gallus_core_81_4
## 3812	gallus_gallus_core_82_4
## 3813	gallus_gallus_core_83_4
## 3814	gallus_gallus_core_84_4
## 3815	gallus_gallus_core_85_4
## 3816	gallus_gallus_core_86_5
## 3817	gallus_gallus_core_87_5
## 3818	gallus_gallus_core_88_5
## 3819	gallus_gallus_core_89_5
## 3820	gallus_gallus_core_90_5
## 3821	gallus_gallus_core_91_5
## 3822	gallus_gallus_core_92_5
## 3823	gallus_gallus_core_93_5
## 3824	gallus_gallus_core_94_5
## 3825	gallus_gallus_core_95_6
## 3826	gallus_gallus_core_96_6
## 3827	gallus_gallus_core_97_6
## 3828	gallus_gallus_core_98_6
## 3829	gallus_gallus_core_99_6
## 3830	gallus_gallus_funcgen_55_2m
## 3831	gallus_gallus_funcgen_56_2m
## 3832	gallus_gallus_funcgen_57_2m
## 3833	gallus_gallus_funcgen_58_2n
## 3834	gallus_gallus_funcgen_59_2o
## 3835	gallus_gallus_funcgen_60_2p
## 3836	gallus_gallus_funcgen_61_2q
## 3837	gallus_gallus_funcgen_62_2r
## 3838	gallus_gallus_funcgen_63_2
## 3839	gallus_gallus_funcgen_64_2
## 3840	gallus_gallus_funcgen_65_2
## 3841	gallus_gallus_funcgen_66_2
## 3842	gallus_gallus_funcgen_67_2
## 3843	gallus_gallus_funcgen_68_2
## 3844	gallus_gallus_funcgen_69_2

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## 3845      gallus_gallus_funcgen_70_2
## 3846      gallus_gallus_funcgen_71_4
## 3847      gallus_gallus_funcgen_72_4
## 3848      gallus_gallus_funcgen_73_4
## 3849      gallus_gallus_funcgen_74_4
## 3850      gallus_gallus_funcgen_75_4
## 3851      gallus_gallus_funcgen_76_4
## 3852      gallus_gallus_funcgen_77_4
## 3853      gallus_gallus_funcgen_78_4
## 3854      gallus_gallus_funcgen_79_4
## 3855      gallus_gallus_funcgen_80_4
## 3856      gallus_gallus_funcgen_81_4
## 3857      gallus_gallus_funcgen_82_4
## 3858      gallus_gallus_funcgen_83_4
## 3859      gallus_gallus_funcgen_84_4
## 3860      gallus_gallus_funcgen_85_4
## 3861      gallus_gallus_funcgen_86_5
## 3862      gallus_gallus_funcgen_87_5
## 3863      gallus_gallus_funcgen_88_5
## 3864      gallus_gallus_funcgen_89_5
## 3865      gallus_gallus_funcgen_90_5
## 3866      gallus_gallus_funcgen_91_5
## 3867      gallus_gallus_funcgen_92_5
## 3868      gallus_gallus_funcgen_93_5
## 3869      gallus_gallus_funcgen_94_5
## 3870      gallus_gallus_funcgen_95_6
## 3871      gallus_gallus_funcgen_96_6
## 3872      gallus_gallus_funcgen_97_6
## 3873      gallus_gallus_funcgen_98_6
## 3874      gallus_gallus_funcgen_99_6
## 3875      gallus_gallus_otherfeatures_48_2f
## 3876      gallus_gallus_otherfeatures_49_2g
## 3877      gallus_gallus_otherfeatures_50_2h
## 3878      gallus_gallus_otherfeatures_51_2i
## 3879      gallus_gallus_otherfeatures_52_2j
## 3880      gallus_gallus_otherfeatures_53_2k
## 3881      gallus_gallus_otherfeatures_54_2l
## 3882      gallus_gallus_otherfeatures_55_2m
## 3883      gallus_gallus_otherfeatures_56_2m
## 3884      gallus_gallus_otherfeatures_57_2m
## 3885      gallus_gallus_otherfeatures_58_2n
## 3886      gallus_gallus_otherfeatures_59_2o
## 3887      gallus_gallus_otherfeatures_60_2p
## 3888      gallus_gallus_otherfeatures_61_2q
## 3889      gallus_gallus_otherfeatures_62_2r
## 3890      gallus_gallus_otherfeatures_63_2
## 3891      gallus_gallus_otherfeatures_64_2
## 3892      gallus_gallus_otherfeatures_65_2
## 3893      gallus_gallus_otherfeatures_66_2
## 3894      gallus_gallus_otherfeatures_67_2
## 3895      gallus_gallus_otherfeatures_68_2
## 3896      gallus_gallus_otherfeatures_69_2
## 3897      gallus_gallus_otherfeatures_70_2
## 3898      gallus_gallus_otherfeatures_71_4

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## 3899	gallus_gallus_otherfeatures_72_4
## 3900	gallus_gallus_otherfeatures_73_4
## 3901	gallus_gallus_otherfeatures_74_4
## 3902	gallus_gallus_otherfeatures_75_4
## 3903	gallus_gallus_otherfeatures_76_4
## 3904	gallus_gallus_otherfeatures_77_4
## 3905	gallus_gallus_otherfeatures_78_4
## 3906	gallus_gallus_otherfeatures_79_4
## 3907	gallus_gallus_otherfeatures_80_4
## 3908	gallus_gallus_otherfeatures_81_4
## 3909	gallus_gallus_otherfeatures_82_4
## 3910	gallus_gallus_otherfeatures_83_4
## 3911	gallus_gallus_otherfeatures_84_4
## 3912	gallus_gallus_otherfeatures_85_4
## 3913	gallus_gallus_otherfeatures_86_5
## 3914	gallus_gallus_otherfeatures_87_5
## 3915	gallus_gallus_otherfeatures_88_5
## 3916	gallus_gallus_otherfeatures_89_5
## 3917	gallus_gallus_otherfeatures_90_5
## 3918	gallus_gallus_otherfeatures_91_5
## 3919	gallus_gallus_otherfeatures_92_5
## 3920	gallus_gallus_otherfeatures_93_5
## 3921	gallus_gallus_otherfeatures_94_5
## 3922	gallus_gallus_otherfeatures_95_6
## 3923	gallus_gallus_otherfeatures_96_6
## 3924	gallus_gallus_otherfeatures_97_6
## 3925	gallus_gallus_otherfeatures_98_6
## 3926	gallus_gallus_otherfeatures_99_6
## 3927	gallus_gallus_rnaseq_71_4
## 3928	gallus_gallus_rnaseq_72_4
## 3929	gallus_gallus_rnaseq_73_4
## 3930	gallus_gallus_rnaseq_74_4
## 3931	gallus_gallus_rnaseq_75_4
## 3932	gallus_gallus_rnaseq_76_4
## 3933	gallus_gallus_rnaseq_77_4
## 3934	gallus_gallus_rnaseq_78_4
## 3935	gallus_gallus_rnaseq_79_4
## 3936	gallus_gallus_rnaseq_80_4
## 3937	gallus_gallus_rnaseq_81_4
## 3938	gallus_gallus_rnaseq_82_4
## 3939	gallus_gallus_rnaseq_83_4
## 3940	gallus_gallus_rnaseq_84_4
## 3941	gallus_gallus_rnaseq_85_4
## 3942	gallus_gallus_rnaseq_86_5
## 3943	gallus_gallus_rnaseq_87_5
## 3944	gallus_gallus_rnaseq_88_5
## 3945	gallus_gallus_rnaseq_89_5
## 3946	gallus_gallus_rnaseq_90_5
## 3947	gallus_gallus_rnaseq_91_5
## 3948	gallus_gallus_rnaseq_92_5
## 3949	gallus_gallus_rnaseq_93_5
## 3950	gallus_gallus_rnaseq_94_5
## 3951	gallus_gallus_rnaseq_95_6
## 3952	gallus_gallus_rnaseq_96_6

3953 gallus_gallus_rnaseq_97_6
3954 gallus_gallus_rnaseq_98_6
3955 gallus_gallus_rnaseq_99_6
3956 gallus_gallus_variation_48_2f
3957 gallus_gallus_variation_49_2g
3958 gallus_gallus_variation_50_2h
3959 gallus_gallus_variation_51_2i
3960 gallus_gallus_variation_52_2j
3961 gallus_gallus_variation_53_2k
3962 gallus_gallus_variation_54_2l
3963 gallus_gallus_variation_55_2m
3964 gallus_gallus_variation_56_2m
3965 gallus_gallus_variation_57_2m
3966 gallus_gallus_variation_58_2n
3967 gallus_gallus_variation_59_2o
3968 gallus_gallus_variation_60_2p
3969 gallus_gallus_variation_61_2q
3970 gallus_gallus_variation_62_2r
3971 gallus_gallus_variation_63_2
3972 gallus_gallus_variation_64_2
3973 gallus_gallus_variation_65_2
3974 gallus_gallus_variation_66_2
3975 gallus_gallus_variation_67_2
3976 gallus_gallus_variation_68_2
3977 gallus_gallus_variation_69_2
3978 gallus_gallus_variation_70_2
3979 gallus_gallus_variation_71_4
3980 gallus_gallus_variation_72_4
3981 gallus_gallus_variation_73_4
3982 gallus_gallus_variation_74_4
3983 gallus_gallus_variation_75_4
3984 gallus_gallus_variation_76_4
3985 gallus_gallus_variation_77_4
3986 gallus_gallus_variation_78_4
3987 gallus_gallus_variation_79_4
3988 gallus_gallus_variation_80_4
3989 gallus_gallus_variation_81_4
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3992 gallus_gallus_variation_84_4
3993 gallus_gallus_variation_85_4
3994 gallus_gallus_variation_86_5
3995 gallus_gallus_variation_87_5
3996 gallus_gallus_variation_88_5
3997 gallus_gallus_variation_89_5
3998 gallus_gallus_variation_90_5
3999 gallus_gallus_variation_91_5
4000 gallus_gallus_variation_92_5
4001 gallus_gallus_variation_93_5
4002 gallus_gallus_variation_94_5
4003 gallus_gallus_variation_95_6
4004 gallus_gallus_variation_96_6
4005 gallus_gallus_variation_97_6
4006 gallus_gallus_variation_98_6

## 4007	gallus_gallus_variation_99_6
## 4008	gambusia_affinis_core_94_1
## 4009	gambusia_affinis_core_95_1
## 4010	gambusia_affinis_core_96_1
## 4011	gambusia_affinis_core_97_1
## 4012	gambusia_affinis_core_98_1
## 4013	gambusia_affinis_core_99_1
## 4014	gambusia_affinis_rnaseq_94_1
## 4015	gambusia_affinis_rnaseq_95_1
## 4016	gambusia_affinis_rnaseq_96_1
## 4017	gambusia_affinis_rnaseq_97_1
## 4018	gambusia_affinis_rnaseq_98_1
## 4019	gambusia_affinis_rnaseq_99_1
## 4020	gasterosteus_aculeatus_core_48_1e
## 4021	gasterosteus_aculeatus_core_49_1f
## 4022	gasterosteus_aculeatus_core_50_1g
## 4023	gasterosteus_aculeatus_core_51_1h
## 4024	gasterosteus_aculeatus_core_52_1i
## 4025	gasterosteus_aculeatus_core_53_1j
## 4026	gasterosteus_aculeatus_core_54_1j
## 4027	gasterosteus_aculeatus_core_55_1j
## 4028	gasterosteus_aculeatus_core_56_1j
## 4029	gasterosteus_aculeatus_core_57_1j
## 4030	gasterosteus_aculeatus_core_58_1k
## 4031	gasterosteus_aculeatus_core_59_1l
## 4032	gasterosteus_aculeatus_core_60_1m
## 4033	gasterosteus_aculeatus_core_61_1n
## 4034	gasterosteus_aculeatus_core_62_1o
## 4035	gasterosteus_aculeatus_core_63_1
## 4036	gasterosteus_aculeatus_core_64_1
## 4037	gasterosteus_aculeatus_core_65_1
## 4038	gasterosteus_aculeatus_core_66_1
## 4039	gasterosteus_aculeatus_core_67_1
## 4040	gasterosteus_aculeatus_core_68_1
## 4041	gasterosteus_aculeatus_core_69_1
## 4042	gasterosteus_aculeatus_core_70_1
## 4043	gasterosteus_aculeatus_core_71_1
## 4044	gasterosteus_aculeatus_core_72_1
## 4045	gasterosteus_aculeatus_core_73_1
## 4046	gasterosteus_aculeatus_core_74_1
## 4047	gasterosteus_aculeatus_core_75_1
## 4048	gasterosteus_aculeatus_core_76_1
## 4049	gasterosteus_aculeatus_core_77_1
## 4050	gasterosteus_aculeatus_core_78_1
## 4051	gasterosteus_aculeatus_core_79_1
## 4052	gasterosteus_aculeatus_core_80_1
## 4053	gasterosteus_aculeatus_core_81_1
## 4054	gasterosteus_aculeatus_core_82_1
## 4055	gasterosteus_aculeatus_core_83_1
## 4056	gasterosteus_aculeatus_core_84_1
## 4057	gasterosteus_aculeatus_core_85_1
## 4058	gasterosteus_aculeatus_core_86_1
## 4059	gasterosteus_aculeatus_core_87_1
## 4060	gasterosteus_aculeatus_core_88_1

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## 4061          gasterosteus_aculeatus_core_89_1
## 4062          gasterosteus_aculeatus_core_90_1
## 4063          gasterosteus_aculeatus_core_91_1
## 4064          gasterosteus_aculeatus_core_92_1
## 4065          gasterosteus_aculeatus_core_93_1
## 4066          gasterosteus_aculeatus_core_94_1
## 4067          gasterosteus_aculeatus_core_95_1
## 4068          gasterosteus_aculeatus_core_96_1
## 4069          gasterosteus_aculeatus_core_97_1
## 4070          gasterosteus_aculeatus_core_98_1
## 4071          gasterosteus_aculeatus_core_99_1
## 4072  gasterosteus_aculeatus_otherfeatures_48_1e
## 4073  gasterosteus_aculeatus_otherfeatures_49_1f
## 4074  gasterosteus_aculeatus_otherfeatures_50_1g
## 4075  gasterosteus_aculeatus_otherfeatures_51_1h
## 4076  gasterosteus_aculeatus_otherfeatures_52_1i
## 4077  gasterosteus_aculeatus_otherfeatures_53_1j
## 4078  gasterosteus_aculeatus_otherfeatures_54_1j
## 4079  gasterosteus_aculeatus_otherfeatures_55_1j
## 4080  gasterosteus_aculeatus_otherfeatures_56_1j
## 4081  gasterosteus_aculeatus_otherfeatures_57_1j
## 4082  gasterosteus_aculeatus_otherfeatures_58_1k
## 4083  gasterosteus_aculeatus_otherfeatures_59_1l
## 4084  gasterosteus_aculeatus_otherfeatures_60_1m
## 4085  gasterosteus_aculeatus_otherfeatures_61_1n
## 4086  gasterosteus_aculeatus_otherfeatures_62_1o
## 4087  gasterosteus_aculeatus_otherfeatures_63_1
## 4088  gasterosteus_aculeatus_otherfeatures_64_1
## 4089  gasterosteus_aculeatus_otherfeatures_65_1
## 4090  gasterosteus_aculeatus_otherfeatures_66_1
## 4091  gasterosteus_aculeatus_otherfeatures_67_1
## 4092  gasterosteus_aculeatus_otherfeatures_68_1
## 4093  gasterosteus_aculeatus_otherfeatures_69_1
## 4094  gasterosteus_aculeatus_otherfeatures_70_1
## 4095  gasterosteus_aculeatus_otherfeatures_71_1
## 4096  gasterosteus_aculeatus_otherfeatures_72_1
## 4097  gasterosteus_aculeatus_otherfeatures_73_1
## 4098  gasterosteus_aculeatus_otherfeatures_74_1
## 4099  gasterosteus_aculeatus_otherfeatures_75_1
## 4100  gasterosteus_aculeatus_otherfeatures_76_1
## 4101  gasterosteus_aculeatus_otherfeatures_77_1
## 4102  gasterosteus_aculeatus_otherfeatures_78_1
## 4103  gasterosteus_aculeatus_otherfeatures_79_1
## 4104  gasterosteus_aculeatus_otherfeatures_80_1
## 4105  gasterosteus_aculeatus_otherfeatures_81_1
## 4106  gasterosteus_aculeatus_otherfeatures_82_1
## 4107  gasterosteus_aculeatus_otherfeatures_83_1
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## 4109  gasterosteus_aculeatus_otherfeatures_85_1
## 4110  gasterosteus_aculeatus_otherfeatures_86_1
## 4111  gasterosteus_aculeatus_otherfeatures_87_1
## 4112  gasterosteus_aculeatus_otherfeatures_88_1
## 4113  gasterosteus_aculeatus_otherfeatures_89_1
## 4114  gasterosteus_aculeatus_otherfeatures_90_1

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## 4115      gasterosteus_aculeatus_otherfeatures_91_1
## 4116      gasterosteus_aculeatus_otherfeatures_92_1
## 4117      gasterosteus_aculeatus_otherfeatures_93_1
## 4118      gasterosteus_aculeatus_otherfeatures_94_1
## 4119      gasterosteus_aculeatus_otherfeatures_95_1
## 4120      gasterosteus_aculeatus_otherfeatures_96_1
## 4121      gasterosteus_aculeatus_otherfeatures_97_1
## 4122      gasterosteus_aculeatus_otherfeatures_98_1
## 4123      gasterosteus_aculeatus_otherfeatures_99_1
## 4124      gopherus_agassizii_core_95_1
## 4125      gopherus_agassizii_core_96_1
## 4126      gopherus_agassizii_core_97_1
## 4127      gopherus_agassizii_core_98_1
## 4128      gopherus_agassizii_core_99_1
## 4129      gopherus_agassizii_rnaseq_95_1
## 4130      gopherus_agassizii_rnaseq_96_1
## 4131      gopherus_agassizii_rnaseq_97_1
## 4132      gopherus_agassizii_rnaseq_98_1
## 4133      gopherus_agassizii_rnaseq_99_1
## 4134      gorilla_gorilla_core_52_1
## 4135      gorilla_gorilla_core_53_1
## 4136      gorilla_gorilla_core_54_1
## 4137      gorilla_gorilla_core_55_1
## 4138      gorilla_gorilla_core_56_1
## 4139      gorilla_gorilla_core_57_3
## 4140      gorilla_gorilla_core_58_3a
## 4141      gorilla_gorilla_core_59_3b
## 4142      gorilla_gorilla_core_60_3c
## 4143      gorilla_gorilla_core_61_3d
## 4144      gorilla_gorilla_core_62_3e
## 4145      gorilla_gorilla_core_63_3
## 4146      gorilla_gorilla_core_64_31
## 4147      gorilla_gorilla_core_65_31
## 4148      gorilla_gorilla_core_66_31
## 4149      gorilla_gorilla_core_67_31
## 4150      gorilla_gorilla_core_68_31
## 4151      gorilla_gorilla_core_69_31
## 4152      gorilla_gorilla_core_70_31
## 4153      gorilla_gorilla_core_71_31
## 4154      gorilla_gorilla_core_72_31
## 4155      gorilla_gorilla_core_73_31
## 4156      gorilla_gorilla_core_74_31
## 4157      gorilla_gorilla_core_75_31
## 4158      gorilla_gorilla_core_76_31
## 4159      gorilla_gorilla_core_77_31
## 4160      gorilla_gorilla_core_78_31
## 4161      gorilla_gorilla_core_79_31
## 4162      gorilla_gorilla_core_80_31
## 4163      gorilla_gorilla_core_81_31
## 4164      gorilla_gorilla_core_82_31
## 4165      gorilla_gorilla_core_83_31
## 4166      gorilla_gorilla_core_84_31
## 4167      gorilla_gorilla_core_85_31
## 4168      gorilla_gorilla_core_86_31

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## 4169 gorilla_gorilla_core_87_31
## 4170 gorilla_gorilla_core_88_31
## 4171 gorilla_gorilla_core_89_31
## 4172 gorilla_gorilla_core_90_31
## 4173 gorilla_gorilla_core_91_4
## 4174 gorilla_gorilla_core_92_4
## 4175 gorilla_gorilla_core_93_4
## 4176 gorilla_gorilla_core_94_4
## 4177 gorilla_gorilla_core_95_4
## 4178 gorilla_gorilla_core_96_4
## 4179 gorilla_gorilla_core_97_4
## 4180 gorilla_gorilla_core_98_4
## 4181 gorilla_gorilla_core_99_4
## 4182 gorilla_gorilla_funcgen_91_4
## 4183 gorilla_gorilla_funcgen_92_4
## 4184 gorilla_gorilla_funcgen_93_4
## 4185 gorilla_gorilla_funcgen_94_4
## 4186 gorilla_gorilla_funcgen_95_4
## 4187 gorilla_gorilla_funcgen_96_4
## 4188 gorilla_gorilla_funcgen_97_4
## 4189 gorilla_gorilla_funcgen_98_4
## 4190 gorilla_gorilla_funcgen_99_4
## 4191 gorilla_gorilla_otherfeatures_57_3
## 4192 gorilla_gorilla_otherfeatures_58_3a
## 4193 gorilla_gorilla_otherfeatures_59_3b
## 4194 gorilla_gorilla_otherfeatures_60_3c
## 4195 gorilla_gorilla_otherfeatures_61_3d
## 4196 gorilla_gorilla_otherfeatures_62_3e
## 4197 gorilla_gorilla_otherfeatures_63_3
## 4198 gorilla_gorilla_otherfeatures_64_31
## 4199 gorilla_gorilla_otherfeatures_65_31
## 4200 gorilla_gorilla_otherfeatures_66_31
## 4201 gorilla_gorilla_otherfeatures_67_31
## 4202 gorilla_gorilla_otherfeatures_68_31
## 4203 gorilla_gorilla_otherfeatures_69_31
## 4204 gorilla_gorilla_otherfeatures_70_31
## 4205 gorilla_gorilla_otherfeatures_71_31
## 4206 gorilla_gorilla_otherfeatures_72_31
## 4207 gorilla_gorilla_otherfeatures_73_31
## 4208 gorilla_gorilla_otherfeatures_74_31
## 4209 gorilla_gorilla_otherfeatures_75_31
## 4210 gorilla_gorilla_otherfeatures_76_31
## 4211 gorilla_gorilla_otherfeatures_77_31
## 4212 gorilla_gorilla_otherfeatures_78_31
## 4213 gorilla_gorilla_otherfeatures_79_31
## 4214 gorilla_gorilla_otherfeatures_80_31
## 4215 gorilla_gorilla_otherfeatures_81_31
## 4216 gorilla_gorilla_otherfeatures_82_31
## 4217 gorilla_gorilla_otherfeatures_83_31
## 4218 gorilla_gorilla_otherfeatures_84_31
## 4219 gorilla_gorilla_otherfeatures_85_31
## 4220 gorilla_gorilla_otherfeatures_86_31
## 4221 gorilla_gorilla_otherfeatures_87_31
## 4222 gorilla_gorilla_otherfeatures_88_31

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## 4223      gorilla_gorilla_otherfeatures_89_31
## 4224      gorilla_gorilla_otherfeatures_90_31
## 4225      gorilla_gorilla_otherfeatures_91_4
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## 4227      gorilla_gorilla_otherfeatures_93_4
## 4228      gorilla_gorilla_otherfeatures_94_4
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## 4231      gorilla_gorilla_otherfeatures_97_4
## 4232      gorilla_gorilla_otherfeatures_98_4
## 4233      gorilla_gorilla_otherfeatures_99_4
## 4234      gorilla_gorilla_rnaseq_91_4
## 4235      gorilla_gorilla_rnaseq_92_4
## 4236      gorilla_gorilla_rnaseq_93_4
## 4237      gorilla_gorilla_rnaseq_94_4
## 4238      gorilla_gorilla_rnaseq_95_4
## 4239      gorilla_gorilla_rnaseq_96_4
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## 4241      gorilla_gorilla_rnaseq_98_4
## 4242      gorilla_gorilla_rnaseq_99_4
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## 4244      gouania_willdenowi_core_99_21
## 4245      gouania_willdenowi_otherfeatures_98_21
## 4246      gouania_willdenowi_otherfeatures_99_21
## 4247      gouania_willdenowi_rnaseq_98_21
## 4248      gouania_willdenowi_rnaseq_99_21
## 4249      haplochromis_burtoni_core_94_1
## 4250      haplochromis_burtoni_core_95_1
## 4251      haplochromis_burtoni_core_96_1
## 4252      haplochromis_burtoni_core_97_1
## 4253      haplochromis_burtoni_core_98_1
## 4254      haplochromis_burtoni_core_99_1
## 4255      haplochromis_burtoni_otherfeatures_94_1
## 4256      haplochromis_burtoni_otherfeatures_95_1
## 4257      haplochromis_burtoni_otherfeatures_96_1
## 4258      haplochromis_burtoni_otherfeatures_97_1
## 4259      haplochromis_burtoni_otherfeatures_98_1
## 4260      haplochromis_burtoni_otherfeatures_99_1
## 4261      haplochromis_burtoni_rnaseq_94_1
## 4262      haplochromis_burtoni_rnaseq_95_1
## 4263      haplochromis_burtoni_rnaseq_96_1
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## 4265      haplochromis_burtoni_rnaseq_98_1
## 4266      haplochromis_burtoni_rnaseq_99_1
## 4267      heterocephalus_glaber_female_core_90_1
## 4268      heterocephalus_glaber_female_core_91_1
## 4269      heterocephalus_glaber_female_core_92_1
## 4270      heterocephalus_glaber_female_core_93_1
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## 4275      heterocephalus_glaber_female_core_98_1
## 4276      heterocephalus_glaber_female_core_99_1

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## 4277    heterocephalus_glaber_female_otherfeatures_90_1
## 4278    heterocephalus_glaber_female_otherfeatures_91_1
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## 4280    heterocephalus_glaber_female_otherfeatures_93_1
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## 4283    heterocephalus_glaber_female_otherfeatures_96_1
## 4284    heterocephalus_glaber_female_otherfeatures_97_1
## 4285    heterocephalus_glaber_female_otherfeatures_98_1
## 4286    heterocephalus_glaber_female_otherfeatures_99_1
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## 4288            heterocephalus_glaber_female_rnaseq_91_1
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## 4290            heterocephalus_glaber_female_rnaseq_93_1
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## 4292            heterocephalus_glaber_female_rnaseq_95_1
## 4293            heterocephalus_glaber_female_rnaseq_96_1
## 4294            heterocephalus_glaber_female_rnaseq_97_1
## 4295            heterocephalus_glaber_female_rnaseq_98_1
## 4296            heterocephalus_glaber_female_rnaseq_99_1
## 4297            heterocephalus_glaber_male_core_90_1
## 4298            heterocephalus_glaber_male_core_91_1
## 4299            heterocephalus_glaber_male_core_92_1
## 4300            heterocephalus_glaber_male_core_93_1
## 4301            heterocephalus_glaber_male_core_94_1
## 4302            heterocephalus_glaber_male_core_95_1
## 4303            heterocephalus_glaber_male_core_96_1
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## 4305            heterocephalus_glaber_male_core_98_1
## 4306            heterocephalus_glaber_male_core_99_1
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## 4308    heterocephalus_glaber_male_otherfeatures_91_1
## 4309    heterocephalus_glaber_male_otherfeatures_92_1
## 4310    heterocephalus_glaber_male_otherfeatures_93_1
## 4311    heterocephalus_glaber_male_otherfeatures_94_1
## 4312    heterocephalus_glaber_male_otherfeatures_95_1
## 4313    heterocephalus_glaber_male_otherfeatures_96_1
## 4314    heterocephalus_glaber_male_otherfeatures_97_1
## 4315    heterocephalus_glaber_male_otherfeatures_98_1
## 4316    heterocephalus_glaber_male_otherfeatures_99_1
## 4317            heterocephalus_glaber_male_rnaseq_90_1
## 4318            heterocephalus_glaber_male_rnaseq_91_1
## 4319            heterocephalus_glaber_male_rnaseq_92_1
## 4320            heterocephalus_glaber_male_rnaseq_93_1
## 4321            heterocephalus_glaber_male_rnaseq_94_1
## 4322            heterocephalus_glaber_male_rnaseq_95_1
## 4323            heterocephalus_glaber_male_rnaseq_96_1
## 4324            heterocephalus_glaber_male_rnaseq_97_1
## 4325            heterocephalus_glaber_male_rnaseq_98_1
## 4326            heterocephalus_glaber_male_rnaseq_99_1
## 4327            hippocampus_comes_core_94_1
## 4328            hippocampus_comes_core_95_1
## 4329            hippocampus_comes_core_96_1
## 4330            hippocampus_comes_core_97_1

```



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## 4331             hippocampus_comes_core_98_1
## 4332             hippocampus_comes_core_99_1
## 4333             hippocampus_comes_otherfeatures_94_1
## 4334             hippocampus_comes_otherfeatures_95_1
## 4335             hippocampus_comes_otherfeatures_96_1
## 4336             hippocampus_comes_otherfeatures_97_1
## 4337             hippocampus_comes_otherfeatures_98_1
## 4338             hippocampus_comes_otherfeatures_99_1
## 4339             hippocampus_comes_rnaseq_94_1
## 4340             hippocampus_comes_rnaseq_95_1
## 4341             hippocampus_comes_rnaseq_96_1
## 4342             hippocampus_comes_rnaseq_97_1
## 4343             hippocampus_comes_rnaseq_98_1
## 4344             hippocampus_comes_rnaseq_99_1
## 4345             homo_sapiens_cdna_48_36j
## 4346             homo_sapiens_cdna_49_36k
## 4347             homo_sapiens_cdna_50_36l
## 4348             homo_sapiens_cdna_51_36m
## 4349             homo_sapiens_cdna_52_36n
## 4350             homo_sapiens_cdna_53_36o
## 4351             homo_sapiens_cdna_54_36p
## 4352             homo_sapiens_cdna_55_37
## 4353             homo_sapiens_cdna_56_37a
## 4354             homo_sapiens_cdna_57_37b
## 4355             homo_sapiens_cdna_58_37c
## 4356             homo_sapiens_cdna_59_37d
## 4357             homo_sapiens_cdna_60_37e
## 4358             homo_sapiens_cdna_61_37f
## 4359             homo_sapiens_cdna_62_37g
## 4360             homo_sapiens_cdna_63_37
## 4361             homo_sapiens_cdna_64_37
## 4362             homo_sapiens_cdna_65_37
## 4363             homo_sapiens_cdna_66_37
## 4364             homo_sapiens_cdna_67_37
## 4365             homo_sapiens_cdna_68_37
## 4366             homo_sapiens_cdna_69_37
## 4367             homo_sapiens_cdna_70_37
## 4368             homo_sapiens_cdna_71_37
## 4369             homo_sapiens_cdna_72_37
## 4370             homo_sapiens_cdna_73_37
## 4371             homo_sapiens_cdna_74_37
## 4372             homo_sapiens_cdna_75_37
## 4373             homo_sapiens_cdna_76_38
## 4374             homo_sapiens_cdna_77_38
## 4375             homo_sapiens_cdna_78_38
## 4376             homo_sapiens_cdna_79_38
## 4377             homo_sapiens_cdna_80_38
## 4378             homo_sapiens_cdna_81_38
## 4379             homo_sapiens_cdna_82_38
## 4380             homo_sapiens_cdna_83_38
## 4381             homo_sapiens_cdna_84_38
## 4382             homo_sapiens_cdna_85_38
## 4383             homo_sapiens_cdna_86_38
## 4384             homo_sapiens_cdna_87_38

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## 4385	homo_sapiens_cdna_88_38
## 4386	homo_sapiens_cdna_89_38
## 4387	homo_sapiens_cdna_90_38
## 4388	homo_sapiens_cdna_91_38
## 4389	homo_sapiens_cdna_92_38
## 4390	homo_sapiens_cdna_93_38
## 4391	homo_sapiens_cdna_94_38
## 4392	homo_sapiens_cdna_95_38
## 4393	homo_sapiens_cdna_96_38
## 4394	homo_sapiens_cdna_97_38
## 4395	homo_sapiens_cdna_98_38
## 4396	homo_sapiens_cdna_99_38
## 4397	homo_sapiens_core_48_36j
## 4398	homo_sapiens_core_49_36k
## 4399	homo_sapiens_core_50_36l
## 4400	homo_sapiens_core_51_36m
## 4401	homo_sapiens_core_52_36n
## 4402	homo_sapiens_core_53_36o
## 4403	homo_sapiens_core_54_36p
## 4404	homo_sapiens_core_55_37
## 4405	homo_sapiens_core_56_37a
## 4406	homo_sapiens_core_57_37b
## 4407	homo_sapiens_core_58_37c
## 4408	homo_sapiens_core_59_37d
## 4409	homo_sapiens_core_60_37e
## 4410	homo_sapiens_core_61_37f
## 4411	homo_sapiens_core_62_37g
## 4412	homo_sapiens_core_63_37
## 4413	homo_sapiens_core_64_37
## 4414	homo_sapiens_core_65_37
## 4415	homo_sapiens_core_66_37
## 4416	homo_sapiens_core_67_37
## 4417	homo_sapiens_core_68_37
## 4418	homo_sapiens_core_69_37
## 4419	homo_sapiens_core_70_37
## 4420	homo_sapiens_core_71_37
## 4421	homo_sapiens_core_72_37
## 4422	homo_sapiens_core_73_37
## 4423	homo_sapiens_core_74_37
## 4424	homo_sapiens_core_75_37
## 4425	homo_sapiens_core_76_38
## 4426	homo_sapiens_core_77_38
## 4427	homo_sapiens_core_78_38
## 4428	homo_sapiens_core_79_38
## 4429	homo_sapiens_core_80_38
## 4430	homo_sapiens_core_81_38
## 4431	homo_sapiens_core_82_38
## 4432	homo_sapiens_core_83_38
## 4433	homo_sapiens_core_84_38
## 4434	homo_sapiens_core_85_38
## 4435	homo_sapiens_core_86_38
## 4436	homo_sapiens_core_87_38
## 4437	homo_sapiens_core_88_38
## 4438	homo_sapiens_core_89_38

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## 4439             homo_sapiens_core_90_38
## 4440             homo_sapiens_core_91_38
## 4441             homo_sapiens_core_92_38
## 4442             homo_sapiens_core_93_38
## 4443             homo_sapiens_core_94_38
## 4444             homo_sapiens_core_95_38
## 4445             homo_sapiens_core_96_38
## 4446             homo_sapiens_core_97_38
## 4447             homo_sapiens_core_98_38
## 4448             homo_sapiens_core_99_38
## 4449             homo_sapiens_coreexpressionatlas_60_37e
## 4450             homo_sapiens_coreexpressionatlas_61_37f
## 4451             homo_sapiens_coreexpressionatlas_62_37f
## 4452             homo_sapiens_coreexpressionatlas_63_37
## 4453             homo_sapiens_coreexpressionatlas_64_37
## 4454             homo_sapiens_coreexpressionatlas_65_37
## 4455             homo_sapiens_coreexpressionatlas_66_37
## 4456             homo_sapiens_coreexpressionatlas_67_37
## 4457             homo_sapiens_coreexpressionatlas_68_37
## 4458             homo_sapiens_coreexpressionatlas_69_37
## 4459             homo_sapiens_coreexpressionatlas_70_37
## 4460             homo_sapiens_coreexpressionatlas_71_37
## 4461             homo_sapiens_coreexpressionatlas_72_37
## 4462             homo_sapiens_coreexpressionatlas_73_37
## 4463             homo_sapiens_coreexpressionatlas_74_37
## 4464             homo_sapiens_coreexpressionatlast_65_37
## 4465             homo_sapiens_coreexpressionest_51_36m
## 4466             homo_sapiens_coreexpressionest_52_36n
## 4467             homo_sapiens_coreexpressionest_53_36o
## 4468             homo_sapiens_coreexpressionest_54_36p
## 4469             homo_sapiens_coreexpressionest_55_37
## 4470             homo_sapiens_coreexpressionest_56_37b
## 4471             homo_sapiens_coreexpressionest_57_37b
## 4472             homo_sapiens_coreexpressionest_58_37c
## 4473             homo_sapiens_coreexpressionest_59_37d
## 4474             homo_sapiens_coreexpressionest_60_37e
## 4475             homo_sapiens_coreexpressionest_61_37f
## 4476             homo_sapiens_coreexpressionest_62_37f
## 4477             homo_sapiens_coreexpressionest_63_37
## 4478             homo_sapiens_coreexpressionest_64_37
## 4479             homo_sapiens_coreexpressionest_65_37
## 4480             homo_sapiens_coreexpressionest_66_37
## 4481             homo_sapiens_coreexpressionest_67_37
## 4482             homo_sapiens_coreexpressionest_68_37
## 4483             homo_sapiens_coreexpressionest_69_37
## 4484             homo_sapiens_coreexpressionest_70_37
## 4485             homo_sapiens_coreexpressionest_71_37
## 4486             homo_sapiens_coreexpressionest_72_37
## 4487             homo_sapiens_coreexpressionest_73_37
## 4488             homo_sapiens_coreexpressionest_74_37
## 4489             homo_sapiens_coreexpressiongnf_51_36m
## 4490             homo_sapiens_coreexpressiongnf_52_36n
## 4491             homo_sapiens_coreexpressiongnf_53_36o
## 4492             homo_sapiens_coreexpressiongnf_54_36p

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## 4493      homo_sapiens_coreexpressiongnf_55_37
## 4494      homo_sapiens_coreexpressiongnf_56_37b
## 4495      homo_sapiens_coreexpressiongnf_57_37b
## 4496      homo_sapiens_coreexpressiongnf_58_37c
## 4497      homo_sapiens_coreexpressiongnf_59_37d
## 4498      homo_sapiens_funcgen_48_36j
## 4499      homo_sapiens_funcgen_49_36k
## 4500      homo_sapiens_funcgen_50_36l
## 4501      homo_sapiens_funcgen_51_36m
## 4502      homo_sapiens_funcgen_52_36n
## 4503      homo_sapiens_funcgen_53_36o
## 4504      homo_sapiens_funcgen_54_36p
## 4505      homo_sapiens_funcgen_55_37
## 4506      homo_sapiens_funcgen_56_37a
## 4507      homo_sapiens_funcgen_57_37b
## 4508      homo_sapiens_funcgen_58_37c
## 4509      homo_sapiens_funcgen_59_37d
## 4510      homo_sapiens_funcgen_60_37e
## 4511      homo_sapiens_funcgen_61_37f
## 4512      homo_sapiens_funcgen_62_37g
## 4513      homo_sapiens_funcgen_63_37
## 4514      homo_sapiens_funcgen_64_37
## 4515      homo_sapiens_funcgen_65_37
## 4516      homo_sapiens_funcgen_66_37
## 4517      homo_sapiens_funcgen_67_37
## 4518      homo_sapiens_funcgen_68_37
## 4519      homo_sapiens_funcgen_69_37
## 4520      homo_sapiens_funcgen_70_37
## 4521      homo_sapiens_funcgen_71_37
## 4522      homo_sapiens_funcgen_72_37
## 4523      homo_sapiens_funcgen_73_37
## 4524      homo_sapiens_funcgen_74_37
## 4525      homo_sapiens_funcgen_75_37
## 4526      homo_sapiens_funcgen_76_38
## 4527      homo_sapiens_funcgen_77_38
## 4528      homo_sapiens_funcgen_78_38
## 4529      homo_sapiens_funcgen_79_38
## 4530      homo_sapiens_funcgen_80_38
## 4531      homo_sapiens_funcgen_81_38
## 4532      homo_sapiens_funcgen_82_38
## 4533      homo_sapiens_funcgen_83_38
## 4534      homo_sapiens_funcgen_84_38
## 4535      homo_sapiens_funcgen_85_38
## 4536      homo_sapiens_funcgen_86_38
## 4537      homo_sapiens_funcgen_87_38
## 4538      homo_sapiens_funcgen_88_38
## 4539      homo_sapiens_funcgen_89_38
## 4540      homo_sapiens_funcgen_90_38
## 4541      homo_sapiens_funcgen_91_38
## 4542      homo_sapiens_funcgen_92_38
## 4543      homo_sapiens_funcgen_93_38
## 4544      homo_sapiens_funcgen_94_38
## 4545      homo_sapiens_funcgen_95_38
## 4546      homo_sapiens_funcgen_96_38

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## 4547             homo_sapiens_funcgen_97_38
## 4548             homo_sapiens_funcgen_98_38
## 4549             homo_sapiens_funcgen_99_38
## 4550             homo_sapiens_otherfeatures_48_36j
## 4551             homo_sapiens_otherfeatures_49_36k
## 4552             homo_sapiens_otherfeatures_50_36l
## 4553             homo_sapiens_otherfeatures_51_36m
## 4554             homo_sapiens_otherfeatures_52_36n
## 4555             homo_sapiens_otherfeatures_53_36o
## 4556             homo_sapiens_otherfeatures_54_36p
## 4557             homo_sapiens_otherfeatures_55_37
## 4558             homo_sapiens_otherfeatures_56_37a
## 4559             homo_sapiens_otherfeatures_57_37b
## 4560             homo_sapiens_otherfeatures_58_37c
## 4561             homo_sapiens_otherfeatures_59_37d
## 4562             homo_sapiens_otherfeatures_60_37e
## 4563             homo_sapiens_otherfeatures_61_37f
## 4564             homo_sapiens_otherfeatures_62_37g
## 4565             homo_sapiens_otherfeatures_63_37
## 4566             homo_sapiens_otherfeatures_64_37
## 4567             homo_sapiens_otherfeatures_65_37
## 4568             homo_sapiens_otherfeatures_66_37
## 4569             homo_sapiens_otherfeatures_67_37
## 4570             homo_sapiens_otherfeatures_68_37
## 4571             homo_sapiens_otherfeatures_69_37
## 4572             homo_sapiens_otherfeatures_70_37
## 4573             homo_sapiens_otherfeatures_71_37
## 4574             homo_sapiens_otherfeatures_72_37
## 4575             homo_sapiens_otherfeatures_73_37
## 4576             homo_sapiens_otherfeatures_74_37
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## 4578             homo_sapiens_otherfeatures_76_38
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## 4580             homo_sapiens_otherfeatures_78_38
## 4581             homo_sapiens_otherfeatures_79_38
## 4582             homo_sapiens_otherfeatures_80_38
## 4583             homo_sapiens_otherfeatures_81_38
## 4584             homo_sapiens_otherfeatures_82_38
## 4585             homo_sapiens_otherfeatures_83_38
## 4586             homo_sapiens_otherfeatures_84_38
## 4587             homo_sapiens_otherfeatures_85_38
## 4588             homo_sapiens_otherfeatures_86_38
## 4589             homo_sapiens_otherfeatures_87_38
## 4590             homo_sapiens_otherfeatures_88_38
## 4591             homo_sapiens_otherfeatures_89_38
## 4592             homo_sapiens_otherfeatures_90_38
## 4593             homo_sapiens_otherfeatures_91_38
## 4594             homo_sapiens_otherfeatures_92_38
## 4595             homo_sapiens_otherfeatures_93_38
## 4596             homo_sapiens_otherfeatures_94_38
## 4597             homo_sapiens_otherfeatures_95_38
## 4598             homo_sapiens_otherfeatures_96_38
## 4599             homo_sapiens_otherfeatures_97_38
## 4600             homo_sapiens_otherfeatures_98_38

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## 4601      homo_sapiens_otherfeatures_99_38
## 4602      homo_sapiens_rnaseq_61_37f
## 4603      homo_sapiens_rnaseq_62_37g
## 4604      homo_sapiens_rnaseq_63_37
## 4605      homo_sapiens_rnaseq_64_37
## 4606      homo_sapiens_rnaseq_65_37
## 4607      homo_sapiens_rnaseq_66_37
## 4608      homo_sapiens_rnaseq_67_37
## 4609      homo_sapiens_rnaseq_68_37
## 4610      homo_sapiens_rnaseq_69_37
## 4611      homo_sapiens_rnaseq_70_37
## 4612      homo_sapiens_rnaseq_71_37
## 4613      homo_sapiens_rnaseq_72_37
## 4614      homo_sapiens_rnaseq_73_37
## 4615      homo_sapiens_rnaseq_74_37
## 4616      homo_sapiens_rnaseq_75_37
## 4617      homo_sapiens_rnaseq_76_38
## 4618      homo_sapiens_rnaseq_77_38
## 4619      homo_sapiens_rnaseq_78_38
## 4620      homo_sapiens_rnaseq_79_38
## 4621      homo_sapiens_rnaseq_80_38
## 4622      homo_sapiens_rnaseq_81_38
## 4623      homo_sapiens_rnaseq_82_38
## 4624      homo_sapiens_rnaseq_83_38
## 4625      homo_sapiens_rnaseq_84_38
## 4626      homo_sapiens_rnaseq_85_38
## 4627      homo_sapiens_rnaseq_86_38
## 4628      homo_sapiens_rnaseq_87_38
## 4629      homo_sapiens_rnaseq_88_38
## 4630      homo_sapiens_rnaseq_89_38
## 4631      homo_sapiens_rnaseq_90_38
## 4632      homo_sapiens_rnaseq_91_38
## 4633      homo_sapiens_rnaseq_92_38
## 4634      homo_sapiens_rnaseq_93_38
## 4635      homo_sapiens_rnaseq_94_38
## 4636      homo_sapiens_rnaseq_95_38
## 4637      homo_sapiens_rnaseq_96_38
## 4638      homo_sapiens_rnaseq_97_38
## 4639      homo_sapiens_rnaseq_98_38
## 4640      homo_sapiens_rnaseq_99_38
## 4641      homo_sapiens_variation_48_36j
## 4642      homo_sapiens_variation_49_36k
## 4643      homo_sapiens_variation_50_36l
## 4644      homo_sapiens_variation_51_36m
## 4645      homo_sapiens_variation_52_36n
## 4646      homo_sapiens_variation_53_36o
## 4647      homo_sapiens_variation_54_36p
## 4648      homo_sapiens_variation_55_37
## 4649      homo_sapiens_variation_56_37a
## 4650      homo_sapiens_variation_57_37b
## 4651      homo_sapiens_variation_58_37c
## 4652      homo_sapiens_variation_59_37d
## 4653      homo_sapiens_variation_60_37e
## 4654      homo_sapiens_variation_61_37f

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## 4655	homo_sapiens_variation_62_37g
## 4656	homo_sapiens_variation_63_37
## 4657	homo_sapiens_variation_64_37
## 4658	homo_sapiens_variation_65_37
## 4659	homo_sapiens_variation_66_37
## 4660	homo_sapiens_variation_67_37
## 4661	homo_sapiens_variation_68_37
## 4662	homo_sapiens_variation_69_37
## 4663	homo_sapiens_variation_70_37
## 4664	homo_sapiens_variation_71_37
## 4665	homo_sapiens_variation_72_37
## 4666	homo_sapiens_variation_73_37
## 4667	homo_sapiens_variation_74_37
## 4668	homo_sapiens_variation_75_37
## 4669	homo_sapiens_variation_76_38
## 4670	homo_sapiens_variation_77_38
## 4671	homo_sapiens_variation_78_38
## 4672	homo_sapiens_variation_79_38
## 4673	homo_sapiens_variation_80_38
## 4674	homo_sapiens_variation_81_38
## 4675	homo_sapiens_variation_82_38
## 4676	homo_sapiens_variation_83_38
## 4677	homo_sapiens_variation_84_38
## 4678	homo_sapiens_variation_85_38
## 4679	homo_sapiens_variation_86_38
## 4680	homo_sapiens_variation_87_38
## 4681	homo_sapiens_variation_88_38
## 4682	homo_sapiens_variation_89_38
## 4683	homo_sapiens_variation_90_38
## 4684	homo_sapiens_variation_91_38
## 4685	homo_sapiens_variation_92_38
## 4686	homo_sapiens_variation_93_38
## 4687	homo_sapiens_variation_94_38
## 4688	homo_sapiens_variation_95_38
## 4689	homo_sapiens_variation_96_38
## 4690	homo_sapiens_variation_97_38
## 4691	homo_sapiens_variation_98_38
## 4692	homo_sapiens_variation_99_38
## 4693	homo_sapiens_vega_48_36j
## 4694	homo_sapiens_vega_49_36k
## 4695	homo_sapiens_vega_50_36l
## 4696	homo_sapiens_vega_51_36m
## 4697	homo_sapiens_vega_52_36n
## 4698	homo_sapiens_vega_53_36o
## 4699	homo_sapiens_vega_54_36p
## 4700	homo_sapiens_vega_55_37
## 4701	homo_sapiens_vega_56_37a
## 4702	homo_sapiens_vega_57_37b
## 4703	homo_sapiens_vega_58_37c
## 4704	homo_sapiens_vega_59_37d
## 4705	homo_sapiens_vega_60_37e
## 4706	homo_sapiens_vega_61_37f
## 4707	homo_sapiens_vega_62_37g
## 4708	homo_sapiens_vega_63_37

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## 4709      homo_sapiens_vega_64_37
## 4710      homo_sapiens_vega_65_37
## 4711      homo_sapiens_vega_66_37
## 4712      homo_sapiens_vega_67_37
## 4713      homo_sapiens_vega_68_37
## 4714      homo_sapiens_vega_69_37
## 4715      homo_sapiens_vega_70_37
## 4716      homo_sapiens_vega_71_37
## 4717      homo_sapiens_vega_72_37
## 4718      homo_sapiens_vega_73_37
## 4719      homo_sapiens_vega_74_37
## 4720      homo_sapiens_vega_75_37
## 4721      homo_sapiens_vega_76_38
## 4722      homo_sapiens_vega_77_38
## 4723      homo_sapiens_vega_78_38
## 4724      homo_sapiens_vega_79_38
## 4725      homo_sapiens_vega_80_38
## 4726      homo_sapiens_vega_81_38
## 4727      homo_sapiens_vega_82_38
## 4728      homo_sapiens_vega_83_38
## 4729      homo_sapiens_vega_84_38
## 4730      homo_sapiens_vega_85_38
## 4731      homo_sapiens_vega_86_38
## 4732      homo_sapiens_vega_87_38
## 4733      homo_sapiens_vega_88_38
## 4734      hucho_hucho_core_97_1
## 4735      hucho_hucho_core_98_1
## 4736      hucho_hucho_core_99_1
## 4737      hucho_hucho_rnaseq_97_1
## 4738      hucho_hucho_rnaseq_98_1
## 4739      hucho_hucho_rnaseq_99_1
## 4740      ictalurus_punctatus_core_94_12
## 4741      ictalurus_punctatus_core_95_12
## 4742      ictalurus_punctatus_core_96_12
## 4743      ictalurus_punctatus_core_97_12
## 4744      ictalurus_punctatus_core_98_12
## 4745      ictalurus_punctatus_core_99_12
## 4746      ictalurus_punctatus_funcgen_96_12
## 4747      ictalurus_punctatus_funcgen_97_12
## 4748      ictalurus_punctatus_funcgen_98_12
## 4749      ictalurus_punctatus_funcgen_99_12
## 4750      ictalurus_punctatus_otherfeatures_94_12
## 4751      ictalurus_punctatus_otherfeatures_95_12
## 4752      ictalurus_punctatus_otherfeatures_96_12
## 4753      ictalurus_punctatus_otherfeatures_97_12
## 4754      ictalurus_punctatus_otherfeatures_98_12
## 4755      ictalurus_punctatus_otherfeatures_99_12
## 4756      ictalurus_punctatus_rnaseq_94_12
## 4757      ictalurus_punctatus_rnaseq_95_12
## 4758      ictalurus_punctatus_rnaseq_96_12
## 4759      ictalurus_punctatus_rnaseq_97_12
## 4760      ictalurus_punctatus_rnaseq_98_12
## 4761      ictalurus_punctatus_rnaseq_99_12
## 4762      ictidomys_tridecemlineatus_core_68_2

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## 4763      ictidomys_tridecemlineatus_core_69_2
## 4764      ictidomys_tridecemlineatus_core_70_2
## 4765      ictidomys_tridecemlineatus_core_71_2
## 4766      ictidomys_tridecemlineatus_core_72_2
## 4767      ictidomys_tridecemlineatus_core_73_2
## 4768      ictidomys_tridecemlineatus_core_74_2
## 4769      ictidomys_tridecemlineatus_core_75_2
## 4770      ictidomys_tridecemlineatus_core_76_2
## 4771      ictidomys_tridecemlineatus_core_77_2
## 4772      ictidomys_tridecemlineatus_core_78_2
## 4773      ictidomys_tridecemlineatus_core_79_2
## 4774      ictidomys_tridecemlineatus_core_80_2
## 4775      ictidomys_tridecemlineatus_core_81_2
## 4776      ictidomys_tridecemlineatus_core_82_2
## 4777      ictidomys_tridecemlineatus_core_83_2
## 4778      ictidomys_tridecemlineatus_core_84_2
## 4779      ictidomys_tridecemlineatus_core_85_2
## 4780      ictidomys_tridecemlineatus_core_86_2
## 4781      ictidomys_tridecemlineatus_core_87_2
## 4782      ictidomys_tridecemlineatus_core_88_2
## 4783      ictidomys_tridecemlineatus_core_89_2
## 4784      ictidomys_tridecemlineatus_core_90_3
## 4785      ictidomys_tridecemlineatus_core_91_3
## 4786      ictidomys_tridecemlineatus_core_92_3
## 4787      ictidomys_tridecemlineatus_core_93_3
## 4788      ictidomys_tridecemlineatus_core_94_3
## 4789      ictidomys_tridecemlineatus_core_95_3
## 4790      ictidomys_tridecemlineatus_core_96_3
## 4791      ictidomys_tridecemlineatus_core_97_3
## 4792      ictidomys_tridecemlineatus_core_98_3
## 4793      ictidomys_tridecemlineatus_core_99_3
## 4794      ictidomys_tridecemlineatus_otherfeatures_68_2
## 4795      ictidomys_tridecemlineatus_otherfeatures_69_2
## 4796      ictidomys_tridecemlineatus_otherfeatures_70_2
## 4797      ictidomys_tridecemlineatus_otherfeatures_71_2
## 4798      ictidomys_tridecemlineatus_otherfeatures_72_2
## 4799      ictidomys_tridecemlineatus_otherfeatures_73_2
## 4800      ictidomys_tridecemlineatus_otherfeatures_74_2
## 4801      ictidomys_tridecemlineatus_otherfeatures_75_2
## 4802      ictidomys_tridecemlineatus_otherfeatures_76_2
## 4803      ictidomys_tridecemlineatus_otherfeatures_77_2
## 4804      ictidomys_tridecemlineatus_otherfeatures_78_2
## 4805      ictidomys_tridecemlineatus_otherfeatures_79_2
## 4806      ictidomys_tridecemlineatus_otherfeatures_80_2
## 4807      ictidomys_tridecemlineatus_otherfeatures_81_2
## 4808      ictidomys_tridecemlineatus_otherfeatures_82_2
## 4809      ictidomys_tridecemlineatus_otherfeatures_83_2
## 4810      ictidomys_tridecemlineatus_otherfeatures_84_2
## 4811      ictidomys_tridecemlineatus_otherfeatures_85_2
## 4812      ictidomys_tridecemlineatus_otherfeatures_86_2
## 4813      ictidomys_tridecemlineatus_otherfeatures_87_2
## 4814      ictidomys_tridecemlineatus_otherfeatures_88_2
## 4815      ictidomys_tridecemlineatus_otherfeatures_89_2
## 4816      ictidomys_tridecemlineatus_otherfeatures_90_3

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## 4817      ictidomys_tridecemlineatus_otherfeatures_91_3
## 4818      ictidomys_tridecemlineatus_otherfeatures_92_3
## 4819      ictidomys_tridecemlineatus_otherfeatures_93_3
## 4820      ictidomys_tridecemlineatus_otherfeatures_94_3
## 4821      ictidomys_tridecemlineatus_otherfeatures_95_3
## 4822      ictidomys_tridecemlineatus_otherfeatures_96_3
## 4823      ictidomys_tridecemlineatus_otherfeatures_97_3
## 4824      ictidomys_tridecemlineatus_otherfeatures_98_3
## 4825      ictidomys_tridecemlineatus_otherfeatures_99_3
## 4826      ictidomys_tridecemlineatus_rnaseq_90_3
## 4827      ictidomys_tridecemlineatus_rnaseq_91_3
## 4828      ictidomys_tridecemlineatus_rnaseq_92_3
## 4829      ictidomys_tridecemlineatus_rnaseq_93_3
## 4830      ictidomys_tridecemlineatus_rnaseq_94_3
## 4831      ictidomys_tridecemlineatus_rnaseq_95_3
## 4832      ictidomys_tridecemlineatus_rnaseq_96_3
## 4833      ictidomys_tridecemlineatus_rnaseq_97_3
## 4834      ictidomys_tridecemlineatus_rnaseq_98_3
## 4835      ictidomys_tridecemlineatus_rnaseq_99_3
## 4836      jaculus_jaculus_core_90_10
## 4837      jaculus_jaculus_core_91_10
## 4838      jaculus_jaculus_core_92_10
## 4839      jaculus_jaculus_core_93_10
## 4840      jaculus_jaculus_core_94_10
## 4841      jaculus_jaculus_core_95_10
## 4842      jaculus_jaculus_core_96_10
## 4843      jaculus_jaculus_core_97_10
## 4844      jaculus_jaculus_core_98_10
## 4845      jaculus_jaculus_core_99_10
## 4846      jaculus_jaculus_otherfeatures_90_10
## 4847      jaculus_jaculus_otherfeatures_91_10
## 4848      jaculus_jaculus_otherfeatures_92_10
## 4849      jaculus_jaculus_otherfeatures_93_10
## 4850      jaculus_jaculus_otherfeatures_94_10
## 4851      jaculus_jaculus_otherfeatures_95_10
## 4852      jaculus_jaculus_otherfeatures_96_10
## 4853      jaculus_jaculus_otherfeatures_97_10
## 4854      jaculus_jaculus_otherfeatures_98_10
## 4855      jaculus_jaculus_otherfeatures_99_10
## 4856      junco_hyemalis_core_96_1
## 4857      junco_hyemalis_core_97_1
## 4858      junco_hyemalis_core_98_1
## 4859      junco_hyemalis_core_99_1
## 4860      junco_hyemalis_rnaseq_96_1
## 4861      junco_hyemalis_rnaseq_97_1
## 4862      junco_hyemalis_rnaseq_98_1
## 4863      junco_hyemalis_rnaseq_99_1
## 4864      kryptolebias_marmoratus_core_94_1
## 4865      kryptolebias_marmoratus_core_95_1
## 4866      kryptolebias_marmoratus_core_96_1
## 4867      kryptolebias_marmoratus_core_97_1
## 4868      kryptolebias_marmoratus_core_98_1
## 4869      kryptolebias_marmoratus_core_99_1
## 4870      kryptolebias_marmoratus_otherfeatures_94_1

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## 4871      kryptolebias_marmoratus_otherfeatures_95_1
## 4872      kryptolebias_marmoratus_otherfeatures_96_1
## 4873      kryptolebias_marmoratus_otherfeatures_97_1
## 4874      kryptolebias_marmoratus_otherfeatures_98_1
## 4875      kryptolebias_marmoratus_otherfeatures_99_1
## 4876      kryptolebias_marmoratus_rnaseq_94_1
## 4877      kryptolebias_marmoratus_rnaseq_95_1
## 4878      kryptolebias_marmoratus_rnaseq_96_1
## 4879      kryptolebias_marmoratus_rnaseq_97_1
## 4880      kryptolebias_marmoratus_rnaseq_98_1
## 4881      kryptolebias_marmoratus_rnaseq_99_1
## 4882      labrus_bergylta_core_94_1
## 4883      labrus_bergylta_core_95_1
## 4884      labrus_bergylta_core_96_1
## 4885      labrus_bergylta_core_97_1
## 4886      labrus_bergylta_core_98_1
## 4887      labrus_bergylta_core_99_1
## 4888      labrus_bergylta_otherfeatures_94_1
## 4889      labrus_bergylta_otherfeatures_95_1
## 4890      labrus_bergylta_otherfeatures_96_1
## 4891      labrus_bergylta_otherfeatures_97_1
## 4892      labrus_bergylta_otherfeatures_98_1
## 4893      labrus_bergylta_otherfeatures_99_1
## 4894      labrus_bergylta_rnaseq_94_1
## 4895      labrus_bergylta_rnaseq_95_1
## 4896      labrus_bergylta_rnaseq_96_1
## 4897      labrus_bergylta_rnaseq_97_1
## 4898      labrus_bergylta_rnaseq_98_1
## 4899      labrus_bergylta_rnaseq_99_1
## 4900      larimichthys_crocea_core_98_20
## 4901      larimichthys_crocea_core_99_20
## 4902      larimichthys_crocea_otherfeatures_98_20
## 4903      larimichthys_crocea_otherfeatures_99_20
## 4904      larimichthys_crocea_rnaseq_98_20
## 4905      larimichthys_crocea_rnaseq_99_20
## 4906      lates_calcarifer_core_97_1
## 4907      lates_calcarifer_core_98_1
## 4908      lates_calcarifer_core_99_1
## 4909      lates_calcarifer_rnaseq_97_1
## 4910      lates_calcarifer_rnaseq_98_1
## 4911      lates_calcarifer_rnaseq_99_1
## 4912      latimeria_chalumnae_core_66_1
## 4913      latimeria_chalumnae_core_67_1
## 4914      latimeria_chalumnae_core_68_1
## 4915      latimeria_chalumnae_core_69_1
## 4916      latimeria_chalumnae_core_70_1
## 4917      latimeria_chalumnae_core_71_1
## 4918      latimeria_chalumnae_core_72_1
## 4919      latimeria_chalumnae_core_73_1
## 4920      latimeria_chalumnae_core_74_1
## 4921      latimeria_chalumnae_core_75_1
## 4922      latimeria_chalumnae_core_76_1
## 4923      latimeria_chalumnae_core_77_1
## 4924      latimeria_chalumnae_core_78_1

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## 4925 latimeria_chalumnae_core_79_1
## 4926 latimeria_chalumnae_core_80_1
## 4927 latimeria_chalumnae_core_81_1
## 4928 latimeria_chalumnae_core_82_1
## 4929 latimeria_chalumnae_core_83_1
## 4930 latimeria_chalumnae_core_84_1
## 4931 latimeria_chalumnae_core_85_1
## 4932 latimeria_chalumnae_core_86_1
## 4933 latimeria_chalumnae_core_87_1
## 4934 latimeria_chalumnae_core_88_1
## 4935 latimeria_chalumnae_core_89_1
## 4936 latimeria_chalumnae_core_90_1
## 4937 latimeria_chalumnae_core_91_1
## 4938 latimeria_chalumnae_core_92_1
## 4939 latimeria_chalumnae_core_93_1
## 4940 latimeria_chalumnae_core_94_1
## 4941 latimeria_chalumnae_core_95_1
## 4942 latimeria_chalumnae_core_96_1
## 4943 latimeria_chalumnae_core_97_1
## 4944 latimeria_chalumnae_core_98_1
## 4945 latimeria_chalumnae_core_99_1
## 4946 latimeria_chalumnae_otherfeatures_66_1
## 4947 latimeria_chalumnae_otherfeatures_67_1
## 4948 latimeria_chalumnae_otherfeatures_68_1
## 4949 latimeria_chalumnae_otherfeatures_69_1
## 4950 latimeria_chalumnae_otherfeatures_70_1
## 4951 latimeria_chalumnae_otherfeatures_71_1
## 4952 latimeria_chalumnae_otherfeatures_72_1
## 4953 latimeria_chalumnae_otherfeatures_73_1
## 4954 latimeria_chalumnae_otherfeatures_74_1
## 4955 latimeria_chalumnae_otherfeatures_75_1
## 4956 latimeria_chalumnae_otherfeatures_76_1
## 4957 latimeria_chalumnae_otherfeatures_77_1
## 4958 latimeria_chalumnae_otherfeatures_78_1
## 4959 latimeria_chalumnae_otherfeatures_79_1
## 4960 latimeria_chalumnae_otherfeatures_80_1
## 4961 latimeria_chalumnae_otherfeatures_81_1
## 4962 latimeria_chalumnae_otherfeatures_82_1
## 4963 latimeria_chalumnae_otherfeatures_83_1
## 4964 latimeria_chalumnae_otherfeatures_84_1
## 4965 latimeria_chalumnae_otherfeatures_85_1
## 4966 latimeria_chalumnae_otherfeatures_86_1
## 4967 latimeria_chalumnae_otherfeatures_87_1
## 4968 latimeria_chalumnae_otherfeatures_88_1
## 4969 latimeria_chalumnae_otherfeatures_89_1
## 4970 latimeria_chalumnae_otherfeatures_90_1
## 4971 latimeria_chalumnae_otherfeatures_91_1
## 4972 latimeria_chalumnae_otherfeatures_92_1
## 4973 latimeria_chalumnae_otherfeatures_93_1
## 4974 latimeria_chalumnae_otherfeatures_94_1
## 4975 latimeria_chalumnae_otherfeatures_95_1
## 4976 latimeria_chalumnae_otherfeatures_96_1
## 4977 latimeria_chalumnae_otherfeatures_97_1
## 4978 latimeria_chalumnae_otherfeatures_98_1

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## 4979      latimeria_chalumnae_otherfeatures_99_1
## 4980      lepidothrix_coronata_core_96_1
## 4981      lepidothrix_coronata_core_97_1
## 4982      lepidothrix_coronata_core_98_1
## 4983      lepidothrix_coronata_core_99_1
## 4984      lepidothrix_coronata_otherfeatures_96_1
## 4985      lepidothrix_coronata_otherfeatures_97_1
## 4986      lepidothrix_coronata_otherfeatures_98_1
## 4987      lepidothrix_coronata_otherfeatures_99_1
## 4988      lepidothrix_coronata_rnaseq_96_1
## 4989      lepidothrix_coronata_rnaseq_97_1
## 4990      lepidothrix_coronata_rnaseq_98_1
## 4991      lepidothrix_coronata_rnaseq_99_1
## 4992      lepisosteus_oculatus_core_74_1
## 4993      lepisosteus_oculatus_core_75_1
## 4994      lepisosteus_oculatus_core_76_1
## 4995      lepisosteus_oculatus_core_77_1
## 4996      lepisosteus_oculatus_core_78_1
## 4997      lepisosteus_oculatus_core_79_1
## 4998      lepisosteus_oculatus_core_80_1
## 4999      lepisosteus_oculatus_core_81_1
## 5000      lepisosteus_oculatus_core_82_1
## 5001      lepisosteus_oculatus_core_83_1
## 5002      lepisosteus_oculatus_core_84_1
## 5003      lepisosteus_oculatus_core_85_1
## 5004      lepisosteus_oculatus_core_86_1
## 5005      lepisosteus_oculatus_core_87_1
## 5006      lepisosteus_oculatus_core_88_1
## 5007      lepisosteus_oculatus_core_89_1
## 5008      lepisosteus_oculatus_core_90_1
## 5009      lepisosteus_oculatus_core_91_1
## 5010      lepisosteus_oculatus_core_92_1
## 5011      lepisosteus_oculatus_core_93_1
## 5012      lepisosteus_oculatus_core_94_1
## 5013      lepisosteus_oculatus_core_95_1
## 5014      lepisosteus_oculatus_core_96_1
## 5015      lepisosteus_oculatus_core_97_1
## 5016      lepisosteus_oculatus_core_98_1
## 5017      lepisosteus_oculatus_core_99_1
## 5018      lepisosteus_oculatus_otherfeatures_74_1
## 5019      lepisosteus_oculatus_otherfeatures_75_1
## 5020      lepisosteus_oculatus_otherfeatures_76_1
## 5021      lepisosteus_oculatus_otherfeatures_77_1
## 5022      lepisosteus_oculatus_otherfeatures_78_1
## 5023      lepisosteus_oculatus_otherfeatures_79_1
## 5024      lepisosteus_oculatus_otherfeatures_80_1
## 5025      lepisosteus_oculatus_otherfeatures_81_1
## 5026      lepisosteus_oculatus_otherfeatures_82_1
## 5027      lepisosteus_oculatus_otherfeatures_83_1
## 5028      lepisosteus_oculatus_otherfeatures_84_1
## 5029      lepisosteus_oculatus_otherfeatures_85_1
## 5030      lepisosteus_oculatus_otherfeatures_86_1
## 5031      lepisosteus_oculatus_otherfeatures_87_1
## 5032      lepisosteus_oculatus_otherfeatures_88_1

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## 5033      lepisosteus_oculatus_otherfeatures_89_1
## 5034      lepisosteus_oculatus_otherfeatures_90_1
## 5035      lepisosteus_oculatus_otherfeatures_91_1
## 5036      lepisosteus_oculatus_otherfeatures_92_1
## 5037      lepisosteus_oculatus_otherfeatures_93_1
## 5038      lepisosteus_oculatus_otherfeatures_94_1
## 5039      lepisosteus_oculatus_otherfeatures_95_1
## 5040      lepisosteus_oculatus_otherfeatures_96_1
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## 5042      lepisosteus_oculatus_otherfeatures_98_1
## 5043      lepisosteus_oculatus_otherfeatures_99_1
## 5044      lepisosteus_oculatus_rnaseq_74_1
## 5045      lepisosteus_oculatus_rnaseq_75_1
## 5046      lepisosteus_oculatus_rnaseq_76_1
## 5047      lepisosteus_oculatus_rnaseq_77_1
## 5048      lepisosteus_oculatus_rnaseq_78_1
## 5049      lepisosteus_oculatus_rnaseq_79_1
## 5050      lepisosteus_oculatus_rnaseq_80_1
## 5051      lepisosteus_oculatus_rnaseq_81_1
## 5052      lepisosteus_oculatus_rnaseq_82_1
## 5053      lepisosteus_oculatus_rnaseq_83_1
## 5054      lepisosteus_oculatus_rnaseq_84_1
## 5055      lepisosteus_oculatus_rnaseq_85_1
## 5056      lepisosteus_oculatus_rnaseq_86_1
## 5057      lepisosteus_oculatus_rnaseq_87_1
## 5058      lepisosteus_oculatus_rnaseq_88_1
## 5059      lepisosteus_oculatus_rnaseq_89_1
## 5060      lepisosteus_oculatus_rnaseq_90_1
## 5061      lepisosteus_oculatus_rnaseq_91_1
## 5062      lepisosteus_oculatus_rnaseq_92_1
## 5063      lepisosteus_oculatus_rnaseq_93_1
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## 5066      lepisosteus_oculatus_rnaseq_96_1
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## 5068      lepisosteus_oculatus_rnaseq_98_1
## 5069      lepisosteus_oculatus_rnaseq_99_1
## 5070      lonchura_striata_domestica_core_96_1
## 5071      lonchura_striata_domestica_core_97_1
## 5072      lonchura_striata_domestica_core_98_1
## 5073      lonchura_striata_domestica_core_99_1
## 5074      lonchura_striata_domestica_otherfeatures_96_1
## 5075      lonchura_striata_domestica_otherfeatures_97_1
## 5076      lonchura_striata_domestica_otherfeatures_98_1
## 5077      lonchura_striata_domestica_otherfeatures_99_1
## 5078      lonchura_striata_domestica_rnaseq_96_1
## 5079      lonchura_striata_domestica_rnaseq_97_1
## 5080      lonchura_striata_domestica_rnaseq_98_1
## 5081      lonchura_striata_domestica_rnaseq_99_1
## 5082      loxodonta_africana_core_48_1d
## 5083      loxodonta_africana_core_49_1d
## 5084      loxodonta_africana_core_50_1e
## 5085      loxodonta_africana_core_51_1f
## 5086      loxodonta_africana_core_52_1g

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## 5087      loxodonta_africana_core_53_2
## 5088      loxodonta_africana_core_54_2a
## 5089      loxodonta_africana_core_55_2a
## 5090      loxodonta_africana_core_56_2a
## 5091      loxodonta_africana_core_57_3
## 5092      loxodonta_africana_core_58_3a
## 5093      loxodonta_africana_core_59_3b
## 5094      loxodonta_africana_core_60_3c
## 5095      loxodonta_africana_core_61_3d
## 5096      loxodonta_africana_core_62_3e
## 5097      loxodonta_africana_core_63_3
## 5098      loxodonta_africana_core_64_3
## 5099      loxodonta_africana_core_65_3
## 5100      loxodonta_africana_core_66_3
## 5101      loxodonta_africana_core_67_3
## 5102      loxodonta_africana_core_68_3
## 5103      loxodonta_africana_core_69_3
## 5104      loxodonta_africana_core_70_3
## 5105      loxodonta_africana_core_71_3
## 5106      loxodonta_africana_core_72_3
## 5107      loxodonta_africana_core_73_3
## 5108      loxodonta_africana_core_74_3
## 5109      loxodonta_africana_core_75_3
## 5110      loxodonta_africana_core_76_3
## 5111      loxodonta_africana_core_77_3
## 5112      loxodonta_africana_core_78_3
## 5113      loxodonta_africana_core_79_3
## 5114      loxodonta_africana_core_80_3
## 5115      loxodonta_africana_core_81_3
## 5116      loxodonta_africana_core_82_3
## 5117      loxodonta_africana_core_83_3
## 5118      loxodonta_africana_core_84_3
## 5119      loxodonta_africana_core_85_3
## 5120      loxodonta_africana_core_86_3
## 5121      loxodonta_africana_core_87_3
## 5122      loxodonta_africana_core_88_3
## 5123      loxodonta_africana_core_89_3
## 5124      loxodonta_africana_core_90_3
## 5125      loxodonta_africana_core_91_3
## 5126      loxodonta_africana_core_92_3
## 5127      loxodonta_africana_core_93_3
## 5128      loxodonta_africana_core_94_3
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## 5131      loxodonta_africana_core_97_3
## 5132      loxodonta_africana_core_98_3
## 5133      loxodonta_africana_core_99_3
## 5134      lynx_canadensis_core_99_41
## 5135      lynx_canadensis_otherfeatures_99_41
## 5136      lynx_canadensis_rnaseq_99_41
## 5137      macaca_fascicularis_core_91_5
## 5138      macaca_fascicularis_core_92_5
## 5139      macaca_fascicularis_core_93_5
## 5140      macaca_fascicularis_core_94_5

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## 5141 macaca_fascicularis_core_95_5
## 5142 macaca_fascicularis_core_96_5
## 5143 macaca_fascicularis_core_97_5
## 5144 macaca_fascicularis_core_98_5
## 5145 macaca_fascicularis_core_99_5
## 5146 macaca_fascicularis_funcgen_91_5
## 5147 macaca_fascicularis_funcgen_92_5
## 5148 macaca_fascicularis_funcgen_93_5
## 5149 macaca_fascicularis_funcgen_94_5
## 5150 macaca_fascicularis_funcgen_95_5
## 5151 macaca_fascicularis_funcgen_96_5
## 5152 macaca_fascicularis_funcgen_97_5
## 5153 macaca_fascicularis_funcgen_98_5
## 5154 macaca_fascicularis_funcgen_99_5
## 5155 macaca_fascicularis_otherfeatures_91_5
## 5156 macaca_fascicularis_otherfeatures_92_5
## 5157 macaca_fascicularis_otherfeatures_93_5
## 5158 macaca_fascicularis_otherfeatures_94_5
## 5159 macaca_fascicularis_otherfeatures_95_5
## 5160 macaca_fascicularis_otherfeatures_96_5
## 5161 macaca_fascicularis_otherfeatures_97_5
## 5162 macaca_fascicularis_otherfeatures_98_5
## 5163 macaca_fascicularis_otherfeatures_99_5
## 5164 macaca_fascicularis_rnaseq_91_5
## 5165 macaca_fascicularis_rnaseq_92_5
## 5166 macaca_fascicularis_rnaseq_93_5
## 5167 macaca_fascicularis_rnaseq_94_5
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## 5171 macaca_fascicularis_rnaseq_98_5
## 5172 macaca_fascicularis_rnaseq_99_5
## 5173 macaca_mulatta_core_48_10g
## 5174 macaca_mulatta_core_49_10h
## 5175 macaca_mulatta_core_50_10i
## 5176 macaca_mulatta_core_51_10i
## 5177 macaca_mulatta_core_52_10j
## 5178 macaca_mulatta_core_53_10k
## 5179 macaca_mulatta_core_54_10k
## 5180 macaca_mulatta_core_55_10l
## 5181 macaca_mulatta_core_56_10l
## 5182 macaca_mulatta_core_57_10l
## 5183 macaca_mulatta_core_58_10m
## 5184 macaca_mulatta_core_59_10n
## 5185 macaca_mulatta_core_60_10o
## 5186 macaca_mulatta_core_61_10p
## 5187 macaca_mulatta_core_62_10q
## 5188 macaca_mulatta_core_63_10
## 5189 macaca_mulatta_core_64_10
## 5190 macaca_mulatta_core_65_10
## 5191 macaca_mulatta_core_66_10
## 5192 macaca_mulatta_core_67_10
## 5193 macaca_mulatta_core_68_10
## 5194 macaca_mulatta_core_69_10

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## 5195	macaca_mulatta_core_70_10
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## 5214	macaca_mulatta_core_89_801
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## 5227	macaca_mulatta_funcgen_57_10l
## 5228	macaca_mulatta_funcgen_58_10m
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## 5234	macaca_mulatta_funcgen_64_10
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## 5245	macaca_mulatta_funcgen_75_10
## 5246	macaca_mulatta_funcgen_76_10
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## 5248	macaca_mulatta_funcgen_78_10

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## 5249 macaca_mulatta_funcgen_79_10
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## 5252 macaca_mulatta_funcgen_82_10
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## 5270 macaca_mulatta_otherfeatures_49_10h
## 5271 macaca_mulatta_otherfeatures_50_10i
## 5272 macaca_mulatta_otherfeatures_51_10i
## 5273 macaca_mulatta_otherfeatures_52_10j
## 5274 macaca_mulatta_otherfeatures_53_10k
## 5275 macaca_mulatta_otherfeatures_54_10k
## 5276 macaca_mulatta_otherfeatures_55_10l
## 5277 macaca_mulatta_otherfeatures_56_10l
## 5278 macaca_mulatta_otherfeatures_57_10l
## 5279 macaca_mulatta_otherfeatures_58_10m
## 5280 macaca_mulatta_otherfeatures_59_10n
## 5281 macaca_mulatta_otherfeatures_60_10o
## 5282 macaca_mulatta_otherfeatures_61_10p
## 5283 macaca_mulatta_otherfeatures_62_10q
## 5284 macaca_mulatta_otherfeatures_63_10
## 5285 macaca_mulatta_otherfeatures_64_10
## 5286 macaca_mulatta_otherfeatures_65_10
## 5287 macaca_mulatta_otherfeatures_66_10
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## 5289 macaca_mulatta_otherfeatures_68_10
## 5290 macaca_mulatta_otherfeatures_69_10
## 5291 macaca_mulatta_otherfeatures_70_10
## 5292 macaca_mulatta_otherfeatures_71_10
## 5293 macaca_mulatta_otherfeatures_72_10
## 5294 macaca_mulatta_otherfeatures_73_10
## 5295 macaca_mulatta_otherfeatures_74_10
## 5296 macaca_mulatta_otherfeatures_75_10
## 5297 macaca_mulatta_otherfeatures_76_10
## 5298 macaca_mulatta_otherfeatures_77_10
## 5299 macaca_mulatta_otherfeatures_78_10
## 5300 macaca_mulatta_otherfeatures_79_10
## 5301 macaca_mulatta_otherfeatures_80_10
## 5302 macaca_mulatta_otherfeatures_81_10

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## 5303      macaca_mulatta_otherfeatures_82_10
## 5304      macaca_mulatta_otherfeatures_83_10
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## 5320      macaca_mulatta_otherfeatures_99_10
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## 5322      macaca_mulatta_rnaseq_87_801
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## 5324      macaca_mulatta_rnaseq_89_801
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## 5336      macaca_mulatta_variation_68_10
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## 5354      macaca_mulatta_variation_86_801
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## 5356      macaca_mulatta_variation_88_801

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## 5357 macaca_mulatta_variation_89_801
## 5358 macaca_mulatta_variation_90_801
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## 5364 macaca_mulatta_variation_96_801
## 5365 macaca_mulatta_variation_97_801
## 5366 macaca_mulatta_variation_98_10
## 5367 macaca_mulatta_variation_99_10
## 5368 macaca_nemestrina_core_91_1
## 5369 macaca_nemestrina_core_92_1
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## 5384 macaca_nemestrina_funcgen_98_1
## 5385 macaca_nemestrina_funcgen_99_1
## 5386 macaca_nemestrina_otherfeatures_91_1
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## 5388 macaca_nemestrina_otherfeatures_93_1
## 5389 macaca_nemestrina_otherfeatures_94_1
## 5390 macaca_nemestrina_otherfeatures_95_1
## 5391 macaca_nemestrina_otherfeatures_96_1
## 5392 macaca_nemestrina_otherfeatures_97_1
## 5393 macaca_nemestrina_otherfeatures_98_1
## 5394 macaca_nemestrina_otherfeatures_99_1
## 5395 macaca_nemestrina_rnaseq_91_1
## 5396 macaca_nemestrina_rnaseq_92_1
## 5397 macaca_nemestrina_rnaseq_93_1
## 5398 macaca_nemestrina_rnaseq_94_1
## 5399 macaca_nemestrina_rnaseq_95_1
## 5400 macaca_nemestrina_rnaseq_96_1
## 5401 macaca_nemestrina_rnaseq_97_1
## 5402 macaca_nemestrina_rnaseq_98_1
## 5403 macaca_nemestrina_rnaseq_99_1
## 5404 macropus_eugenii_core_55_1
## 5405 macropus_eugenii_core_56_1
## 5406 macropus_eugenii_core_57_1
## 5407 macropus_eugenii_core_58_1a
## 5408 macropus_eugenii_core_59_1b
## 5409 macropus_eugenii_core_60_1c
## 5410 macropus_eugenii_core_61_1d

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## 5411 macropus_eugenii_core_62_1e
## 5412 macropus_eugenii_core_63_1
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## 5414 macropus_eugenii_core_65_1
## 5415 macropus_eugenii_core_66_1
## 5416 macropus_eugenii_core_67_1
## 5417 macropus_eugenii_core_68_1
## 5418 macropus_eugenii_core_69_1
## 5419 macropus_eugenii_core_70_1
## 5420 macropus_eugenii_core_71_1
## 5421 macropus_eugenii_core_72_1
## 5422 macropus_eugenii_core_73_1
## 5423 macropus_eugenii_core_74_1
## 5424 macropus_eugenii_core_75_1
## 5425 macropus_eugenii_core_76_1
## 5426 macropus_eugenii_core_77_1
## 5427 macropus_eugenii_core_78_1
## 5428 macropus_eugenii_core_79_1
## 5429 macropus_eugenii_core_80_1
## 5430 macropus_eugenii_core_81_1
## 5431 macropus_eugenii_core_82_1
## 5432 macropus_eugenii_core_83_1
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## 5434 macropus_eugenii_core_85_1
## 5435 macropus_eugenii_core_86_1
## 5436 macropus_eugenii_core_87_1
## 5437 macropus_eugenii_core_88_1
## 5438 manacus_vitellinus_core_96_2
## 5439 manacus_vitellinus_core_97_2
## 5440 manacus_vitellinus_core_98_2
## 5441 manacus_vitellinus_core_99_2
## 5442 manacus_vitellinus_otherfeatures_96_2
## 5443 manacus_vitellinus_otherfeatures_97_2
## 5444 manacus_vitellinus_otherfeatures_98_2
## 5445 manacus_vitellinus_otherfeatures_99_2
## 5446 manacus_vitellinus_rnaseq_96_2
## 5447 manacus_vitellinus_rnaseq_97_2
## 5448 manacus_vitellinus_rnaseq_98_2
## 5449 manacus_vitellinus_rnaseq_99_2
## 5450 mandrillus_leucophaeus_core_91_1
## 5451 mandrillus_leucophaeus_core_92_1
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## 5453 mandrillus_leucophaeus_core_94_1
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## 5455 mandrillus_leucophaeus_core_96_1
## 5456 mandrillus_leucophaeus_core_97_1
## 5457 mandrillus_leucophaeus_core_98_1
## 5458 mandrillus_leucophaeus_core_99_1
## 5459 mandrillus_leucophaeus_funcgen_91_1
## 5460 mandrillus_leucophaeus_funcgen_92_1
## 5461 mandrillus_leucophaeus_funcgen_93_1
## 5462 mandrillus_leucophaeus_funcgen_94_1
## 5463 mandrillus_leucophaeus_funcgen_95_1
## 5464 mandrillus_leucophaeus_funcgen_96_1

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## 5465         mandrillus_leucophaeus_funcgen_97_1
## 5466         mandrillus_leucophaeus_funcgen_98_1
## 5467         mandrillus_leucophaeus_funcgen_99_1
## 5468         mandrillus_leucophaeus_otherfeatures_91_1
## 5469         mandrillus_leucophaeus_otherfeatures_92_1
## 5470         mandrillus_leucophaeus_otherfeatures_93_1
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## 5478         marmota_marmota_marmota_core_97_21
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## 5482         marmota_marmota_marmota_otherfeatures_97_21
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## 5489         mastacembelus_armatus_core_94_11
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## 5502         master_schema_83
## 5503         master_schema_84
## 5504         master_schema_87
## 5505         master_schema_88
## 5506         master_schema_89
## 5507         master_schema_90
## 5508         master_schema_91
## 5509         master_schema_92
## 5510         master_schema_93
## 5511         master_schema_94
## 5512         master_schema_95
## 5513         master_schema_96
## 5514         master_schema_97
## 5515         master_schema_98
## 5516         master_schema_funcgen_59
## 5517         master_schema_funcgen_82
## 5518         master_schema_funcgen_83

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## 5519         master_schema_funcgen_84
## 5520         master_schema_funcgen_87
## 5521         master_schema_funcgen_88
## 5522         master_schema_funcgen_89
## 5523         master_schema_funcgen_90
## 5524         master_schema_funcgen_91
## 5525         master_schema_funcgen_92
## 5526         master_schema_funcgen_93
## 5527         master_schema_funcgen_94
## 5528         master_schema_funcgen_95
## 5529         master_schema_funcgen_96
## 5530         master_schema_funcgen_97
## 5531         master_schema_funcgen_98
## 5532         master_schema_variation_82
## 5533         master_schema_variation_83
## 5534         master_schema_variation_84
## 5535         master_schema_variation_87
## 5536         master_schema_variation_88
## 5537         master_schema_variation_89
## 5538         master_schema_variation_90
## 5539         master_schema_variation_91
## 5540         master_schema_variation_92
## 5541         master_schema_variation_93
## 5542         master_schema_variation_94
## 5543         master_schema_variation_95
## 5544         master_schema_variation_96
## 5545         master_schema_variation_97
## 5546         master_schema_variation_98
## 5547         maurel_mirror_ensembl_ensembl_88
## 5548         maylandia_zebra_core_94_2
## 5549         maylandia_zebra_core_95_2
## 5550         maylandia_zebra_core_96_2
## 5551         maylandia_zebra_core_97_2
## 5552         maylandia_zebra_core_98_2
## 5553         maylandia_zebra_core_99_2
## 5554         maylandia_zebra_otherfeatures_94_2
## 5555         maylandia_zebra_otherfeatures_95_2
## 5556         maylandia_zebra_otherfeatures_96_2
## 5557         maylandia_zebra_otherfeatures_97_2
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## 5559         maylandia_zebra_otherfeatures_99_2
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## 5561         maylandia_zebra_rnaseq_95_2
## 5562         maylandia_zebra_rnaseq_96_2
## 5563         maylandia_zebra_rnaseq_97_2
## 5564         maylandia_zebra_rnaseq_98_2
## 5565         maylandia_zebra_rnaseq_99_2
## 5566         meleagris_gallopavo_core_57_2
## 5567         meleagris_gallopavo_core_61_21
## 5568         meleagris_gallopavo_core_62_21a
## 5569         meleagris_gallopavo_core_63_21
## 5570         meleagris_gallopavo_core_64_21
## 5571         meleagris_gallopavo_core_65_21
## 5572         meleagris_gallopavo_core_66_21

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5573 meleagris_gallopavo_core_67_21
5574 meleagris_gallopavo_core_68_21
5575 meleagris_gallopavo_core_69_21
5576 meleagris_gallopavo_core_70_21
5577 meleagris_gallopavo_core_71_21
5578 meleagris_gallopavo_core_72_21
5579 meleagris_gallopavo_core_73_21
5580 meleagris_gallopavo_core_74_21
5581 meleagris_gallopavo_core_75_21
5582 meleagris_gallopavo_core_76_21
5583 meleagris_gallopavo_core_77_21
5584 meleagris_gallopavo_core_78_21
5585 meleagris_gallopavo_core_79_21
5586 meleagris_gallopavo_core_80_21
5587 meleagris_gallopavo_core_81_21
5588 meleagris_gallopavo_core_82_21
5589 meleagris_gallopavo_core_83_21
5590 meleagris_gallopavo_core_84_21
5591 meleagris_gallopavo_core_85_21
5592 meleagris_gallopavo_core_86_21
5593 meleagris_gallopavo_core_87_21
5594 meleagris_gallopavo_core_88_21
5595 meleagris_gallopavo_core_89_21
5596 meleagris_gallopavo_core_90_21
5597 meleagris_gallopavo_core_91_21
5598 meleagris_gallopavo_core_92_21
5599 meleagris_gallopavo_core_93_21
5600 meleagris_gallopavo_core_94_21
5601 meleagris_gallopavo_core_95_21
5602 meleagris_gallopavo_core_96_21
5603 meleagris_gallopavo_core_97_21
5604 meleagris_gallopavo_core_98_21
5605 meleagris_gallopavo_core_99_21
5606 meleagris_gallopavo_otherfeatures_57_2
5607 meleagris_gallopavo_otherfeatures_61_21
5608 meleagris_gallopavo_otherfeatures_62_21a
5609 meleagris_gallopavo_otherfeatures_63_21
5610 meleagris_gallopavo_otherfeatures_64_21
5611 meleagris_gallopavo_otherfeatures_65_21
5612 meleagris_gallopavo_otherfeatures_66_21
5613 meleagris_gallopavo_otherfeatures_67_21
5614 meleagris_gallopavo_otherfeatures_68_21
5615 meleagris_gallopavo_otherfeatures_69_21
5616 meleagris_gallopavo_otherfeatures_70_21
5617 meleagris_gallopavo_otherfeatures_71_21
5618 meleagris_gallopavo_otherfeatures_72_21
5619 meleagris_gallopavo_otherfeatures_73_21
5620 meleagris_gallopavo_otherfeatures_74_21
5621 meleagris_gallopavo_otherfeatures_75_21
5622 meleagris_gallopavo_otherfeatures_76_21
5623 meleagris_gallopavo_otherfeatures_77_21
5624 meleagris_gallopavo_otherfeatures_78_21
5625 meleagris_gallopavo_otherfeatures_79_21
5626 meleagris_gallopavo_otherfeatures_80_21


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## 5627      meleagris_gallopavo_otherfeatures_81_21
## 5628      meleagris_gallopavo_otherfeatures_82_21
## 5629      meleagris_gallopavo_otherfeatures_83_21
## 5630      meleagris_gallopavo_otherfeatures_84_21
## 5631      meleagris_gallopavo_otherfeatures_85_21
## 5632      meleagris_gallopavo_otherfeatures_86_21
## 5633      meleagris_gallopavo_otherfeatures_87_21
## 5634      meleagris_gallopavo_otherfeatures_88_21
## 5635      meleagris_gallopavo_otherfeatures_89_21
## 5636      meleagris_gallopavo_otherfeatures_90_21
## 5637      meleagris_gallopavo_otherfeatures_91_21
## 5638      meleagris_gallopavo_otherfeatures_92_21
## 5639      meleagris_gallopavo_otherfeatures_93_21
## 5640      meleagris_gallopavo_otherfeatures_94_21
## 5641      meleagris_gallopavo_otherfeatures_95_21
## 5642      meleagris_gallopavo_otherfeatures_96_21
## 5643      meleagris_gallopavo_otherfeatures_97_21
## 5644      meleagris_gallopavo_otherfeatures_98_21
## 5645      meleagris_gallopavo_otherfeatures_99_21
## 5646      meleagris_gallopavo_variation_75_21
## 5647      meleagris_gallopavo_variation_76_21
## 5648      meleagris_gallopavo_variation_77_21
## 5649      meleagris_gallopavo_variation_78_21
## 5650      meleagris_gallopavo_variation_79_21
## 5651      meleagris_gallopavo_variation_80_21
## 5652      meleagris_gallopavo_variation_81_21
## 5653      meleagris_gallopavo_variation_82_21
## 5654      meleagris_gallopavo_variation_83_21
## 5655      meleagris_gallopavo_variation_84_21
## 5656      meleagris_gallopavo_variation_85_21
## 5657      meleagris_gallopavo_variation_86_21
## 5658      meleagris_gallopavo_variation_87_21
## 5659      meleagris_gallopavo_variation_88_21
## 5660      meleagris_gallopavo_variation_89_21
## 5661      meleagris_gallopavo_variation_90_21
## 5662      meleagris_gallopavo_variation_91_21
## 5663      meleagris_gallopavo_variation_92_21
## 5664      meleagris_gallopavo_variation_93_21
## 5665      meleagris_gallopavo_variation_94_21
## 5666      meleagris_gallopavo_variation_95_21
## 5667      meleagris_gallopavo_variation_96_21
## 5668      meleagris_gallopavo_variation_97_21
## 5669      meleagris_gallopavo_variation_98_21
## 5670      meleagris_gallopavo_variation_99_21
## 5671      melopsittacus_undulatus_core_96_63
## 5672      melopsittacus_undulatus_core_97_63
## 5673      melopsittacus_undulatus_core_98_63
## 5674      melopsittacus_undulatus_core_99_63
## 5675      melopsittacus_undulatus_otherfeatures_96_63
## 5676      melopsittacus_undulatus_otherfeatures_97_63
## 5677      melopsittacus_undulatus_otherfeatures_98_63
## 5678      melopsittacus_undulatus_otherfeatures_99_63
## 5679      melopsittacus_undulatus_rnaseq_96_63
## 5680      melopsittacus_undulatus_rnaseq_97_63

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## 5681      melopsittacus_undulatus_rnaseq_98_63
## 5682      melopsittacus_undulatus_rnaseq_99_63
## 5683      meriones_unguiculatus_core_96_1
## 5684      meriones_unguiculatus_core_97_1
## 5685      meriones_unguiculatus_core_98_1
## 5686      meriones_unguiculatus_core_99_1
## 5687      meriones_unguiculatus_otherfeatures_96_1
## 5688      meriones_unguiculatus_otherfeatures_97_1
## 5689      meriones_unguiculatus_otherfeatures_98_1
## 5690      meriones_unguiculatus_otherfeatures_99_1
## 5691      meriones_unguiculatus_rnaseq_96_1
## 5692      meriones_unguiculatus_rnaseq_97_1
## 5693      meriones_unguiculatus_rnaseq_98_1
## 5694      meriones_unguiculatus_rnaseq_99_1
## 5695      mesocricetus_auratus_core_90_10
## 5696      mesocricetus_auratus_core_91_10
## 5697      mesocricetus_auratus_core_92_10
## 5698      mesocricetus_auratus_core_93_10
## 5699      mesocricetus_auratus_core_94_10
## 5700      mesocricetus_auratus_core_95_10
## 5701      mesocricetus_auratus_core_96_10
## 5702      mesocricetus_auratus_core_97_10
## 5703      mesocricetus_auratus_core_98_10
## 5704      mesocricetus_auratus_core_99_10
## 5705      mesocricetus_auratus_funcgen_90_10
## 5706      mesocricetus_auratus_funcgen_91_10
## 5707      mesocricetus_auratus_funcgen_92_10
## 5708      mesocricetus_auratus_funcgen_93_10
## 5709      mesocricetus_auratus_funcgen_94_10
## 5710      mesocricetus_auratus_funcgen_95_10
## 5711      mesocricetus_auratus_funcgen_96_10
## 5712      mesocricetus_auratus_funcgen_97_10
## 5713      mesocricetus_auratus_funcgen_98_10
## 5714      mesocricetus_auratus_funcgen_99_10
## 5715      mesocricetus_auratus_otherfeatures_90_10
## 5716      mesocricetus_auratus_otherfeatures_91_10
## 5717      mesocricetus_auratus_otherfeatures_92_10
## 5718      mesocricetus_auratus_otherfeatures_93_10
## 5719      mesocricetus_auratus_otherfeatures_94_10
## 5720      mesocricetus_auratus_otherfeatures_95_10
## 5721      mesocricetus_auratus_otherfeatures_96_10
## 5722      mesocricetus_auratus_otherfeatures_97_10
## 5723      mesocricetus_auratus_otherfeatures_98_10
## 5724      mesocricetus_auratus_otherfeatures_99_10
## 5725      microcebus_murinus_core_48_1
## 5726      microcebus_murinus_core_49_1
## 5727      microcebus_murinus_core_50_1a
## 5728      microcebus_murinus_core_51_1a
## 5729      microcebus_murinus_core_52_1b
## 5730      microcebus_murinus_core_53_1b
## 5731      microcebus_murinus_core_54_1b
## 5732      microcebus_murinus_core_55_1b
## 5733      microcebus_murinus_core_56_1b
## 5734      microcebus_murinus_core_57_1b

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## 5735	microcebus_murinus_core_58_1c
## 5736	microcebus_murinus_core_59_1d
## 5737	microcebus_murinus_core_60_1e
## 5738	microcebus_murinus_core_61_1f
## 5739	microcebus_murinus_core_62_1g
## 5740	microcebus_murinus_core_63_1
## 5741	microcebus_murinus_core_64_1
## 5742	microcebus_murinus_core_65_1
## 5743	microcebus_murinus_core_66_1
## 5744	microcebus_murinus_core_67_1
## 5745	microcebus_murinus_core_68_1
## 5746	microcebus_murinus_core_69_1
## 5747	microcebus_murinus_core_70_1
## 5748	microcebus_murinus_core_71_1
## 5749	microcebus_murinus_core_72_1
## 5750	microcebus_murinus_core_73_1
## 5751	microcebus_murinus_core_74_1
## 5752	microcebus_murinus_core_75_1
## 5753	microcebus_murinus_core_76_1
## 5754	microcebus_murinus_core_77_1
## 5755	microcebus_murinus_core_78_1
## 5756	microcebus_murinus_core_79_1
## 5757	microcebus_murinus_core_80_1
## 5758	microcebus_murinus_core_81_1
## 5759	microcebus_murinus_core_82_1
## 5760	microcebus_murinus_core_83_1
## 5761	microcebus_murinus_core_84_1
## 5762	microcebus_murinus_core_85_1
## 5763	microcebus_murinus_core_86_20
## 5764	microcebus_murinus_core_87_20
## 5765	microcebus_murinus_core_88_20
## 5766	microcebus_murinus_core_89_20
## 5767	microcebus_murinus_core_90_20
## 5768	microcebus_murinus_core_91_3
## 5769	microcebus_murinus_core_92_3
## 5770	microcebus_murinus_core_93_3
## 5771	microcebus_murinus_core_94_3
## 5772	microcebus_murinus_core_95_3
## 5773	microcebus_murinus_core_96_3
## 5774	microcebus_murinus_core_97_3
## 5775	microcebus_murinus_core_98_3
## 5776	microcebus_murinus_core_99_3
## 5777	microcebus_murinus_funcgen_91_3
## 5778	microcebus_murinus_funcgen_92_3
## 5779	microcebus_murinus_funcgen_93_3
## 5780	microcebus_murinus_funcgen_94_3
## 5781	microcebus_murinus_funcgen_95_3
## 5782	microcebus_murinus_funcgen_96_3
## 5783	microcebus_murinus_funcgen_97_3
## 5784	microcebus_murinus_funcgen_98_3
## 5785	microcebus_murinus_funcgen_99_3
## 5786	microcebus_murinus_otherfeatures_86_20
## 5787	microcebus_murinus_otherfeatures_87_20
## 5788	microcebus_murinus_otherfeatures_88_20

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## 5789      microcebus_murinus_otherfeatures_89_20
## 5790      microcebus_murinus_otherfeatures_90_20
## 5791      microcebus_murinus_otherfeatures_91_3
## 5792      microcebus_murinus_otherfeatures_92_3
## 5793      microcebus_murinus_otherfeatures_93_3
## 5794      microcebus_murinus_otherfeatures_94_3
## 5795      microcebus_murinus_otherfeatures_95_3
## 5796      microcebus_murinus_otherfeatures_96_3
## 5797      microcebus_murinus_otherfeatures_97_3
## 5798      microcebus_murinus_otherfeatures_98_3
## 5799      microcebus_murinus_otherfeatures_99_3
## 5800      microcebus_murinus_rnaseq_86_20
## 5801      microcebus_murinus_rnaseq_87_20
## 5802      microcebus_murinus_rnaseq_88_20
## 5803      microcebus_murinus_rnaseq_89_20
## 5804      microcebus_murinus_rnaseq_90_20
## 5805      microcebus_murinus_rnaseq_91_3
## 5806      microcebus_murinus_rnaseq_92_3
## 5807      microcebus_murinus_rnaseq_93_3
## 5808      microcebus_murinus_rnaseq_94_3
## 5809      microcebus_murinus_rnaseq_95_3
## 5810      microcebus_murinus_rnaseq_96_3
## 5811      microcebus_murinus_rnaseq_97_3
## 5812      microcebus_murinus_rnaseq_98_3
## 5813      microcebus_murinus_rnaseq_99_3
## 5814      microtus_ochrogaster_core_90_10
## 5815      microtus_ochrogaster_core_91_10
## 5816      microtus_ochrogaster_core_92_10
## 5817      microtus_ochrogaster_core_93_10
## 5818      microtus_ochrogaster_core_94_10
## 5819      microtus_ochrogaster_core_95_10
## 5820      microtus_ochrogaster_core_96_10
## 5821      microtus_ochrogaster_core_97_10
## 5822      microtus_ochrogaster_core_98_10
## 5823      microtus_ochrogaster_core_99_10
## 5824      microtus_ochrogaster_otherfeatures_90_10
## 5825      microtus_ochrogaster_otherfeatures_91_10
## 5826      microtus_ochrogaster_otherfeatures_92_10
## 5827      microtus_ochrogaster_otherfeatures_93_10
## 5828      microtus_ochrogaster_otherfeatures_94_10
## 5829      microtus_ochrogaster_otherfeatures_95_10
## 5830      microtus_ochrogaster_otherfeatures_96_10
## 5831      microtus_ochrogaster_otherfeatures_97_10
## 5832      microtus_ochrogaster_otherfeatures_98_10
## 5833      microtus_ochrogaster_otherfeatures_99_10
## 5834      mola_mola_core_94_1
## 5835      mola_mola_core_95_1
## 5836      mola_mola_core_96_1
## 5837      mola_mola_core_97_1
## 5838      mola_mola_core_98_1
## 5839      mola_mola_core_99_1
## 5840      monodelphis_domestica_core_48_5c
## 5841      monodelphis_domestica_core_49_5d
## 5842      monodelphis_domestica_core_50_5e

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## 5843 monodelphis_domestica_core_51_5f
## 5844 monodelphis_domestica_core_52_5g
## 5845 monodelphis_domestica_core_53_5h
## 5846 monodelphis_domestica_core_54_5h
## 5847 monodelphis_domestica_core_55_5i
## 5848 monodelphis_domestica_core_56_5i
## 5849 monodelphis_domestica_core_57_5i
## 5850 monodelphis_domestica_core_58_5j
## 5851 monodelphis_domestica_core_59_5k
## 5852 monodelphis_domestica_core_60_5l
## 5853 monodelphis_domestica_core_61_5m
## 5854 monodelphis_domestica_core_62_5n
## 5855 monodelphis_domestica_core_63_5
## 5856 monodelphis_domestica_core_64_5
## 5857 monodelphis_domestica_core_65_5
## 5858 monodelphis_domestica_core_66_5
## 5859 monodelphis_domestica_core_67_5
## 5860 monodelphis_domestica_core_68_5
## 5861 monodelphis_domestica_core_69_5
## 5862 monodelphis_domestica_core_70_5
## 5863 monodelphis_domestica_core_71_5
## 5864 monodelphis_domestica_core_72_5
## 5865 monodelphis_domestica_core_73_5
## 5866 monodelphis_domestica_core_74_5
## 5867 monodelphis_domestica_core_75_5
## 5868 monodelphis_domestica_core_76_5
## 5869 monodelphis_domestica_core_77_5
## 5870 monodelphis_domestica_core_78_5
## 5871 monodelphis_domestica_core_79_5
## 5872 monodelphis_domestica_core_80_5
## 5873 monodelphis_domestica_core_81_5
## 5874 monodelphis_domestica_core_82_5
## 5875 monodelphis_domestica_core_83_5
## 5876 monodelphis_domestica_core_84_5
## 5877 monodelphis_domestica_core_85_5
## 5878 monodelphis_domestica_core_86_5
## 5879 monodelphis_domestica_core_87_5
## 5880 monodelphis_domestica_core_88_5
## 5881 monodelphis_domestica_core_89_5
## 5882 monodelphis_domestica_core_90_5
## 5883 monodelphis_domestica_core_91_5
## 5884 monodelphis_domestica_core_92_5
## 5885 monodelphis_domestica_core_93_5
## 5886 monodelphis_domestica_core_94_5
## 5887 monodelphis_domestica_core_95_5
## 5888 monodelphis_domestica_core_96_5
## 5889 monodelphis_domestica_core_97_5
## 5890 monodelphis_domestica_core_98_1
## 5891 monodelphis_domestica_core_99_1
## 5892 monodelphis_domestica_rnaseq_69_5
## 5893 monodelphis_domestica_rnaseq_70_5
## 5894 monodelphis_domestica_rnaseq_71_5
## 5895 monodelphis_domestica_rnaseq_72_5
## 5896 monodelphis_domestica_rnaseq_73_5

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## 5897      monodelphis_domestica_rnaseq_74_5
## 5898      monodelphis_domestica_rnaseq_75_5
## 5899      monodelphis_domestica_rnaseq_76_5
## 5900      monodelphis_domestica_rnaseq_77_5
## 5901      monodelphis_domestica_rnaseq_78_5
## 5902      monodelphis_domestica_rnaseq_79_5
## 5903      monodelphis_domestica_rnaseq_80_5
## 5904      monodelphis_domestica_rnaseq_81_5
## 5905      monodelphis_domestica_rnaseq_82_5
## 5906      monodelphis_domestica_rnaseq_83_5
## 5907      monodelphis_domestica_rnaseq_84_5
## 5908      monodelphis_domestica_rnaseq_85_5
## 5909      monodelphis_domestica_rnaseq_86_5
## 5910      monodelphis_domestica_rnaseq_87_5
## 5911      monodelphis_domestica_rnaseq_88_5
## 5912      monodelphis_domestica_rnaseq_89_5
## 5913      monodelphis_domestica_rnaseq_90_5
## 5914      monodelphis_domestica_rnaseq_91_5
## 5915      monodelphis_domestica_rnaseq_92_5
## 5916      monodelphis_domestica_rnaseq_93_5
## 5917      monodelphis_domestica_rnaseq_94_5
## 5918      monodelphis_domestica_rnaseq_95_5
## 5919      monodelphis_domestica_rnaseq_96_5
## 5920      monodelphis_domestica_rnaseq_97_5
## 5921      monodelphis_domestica_rnaseq_98_1
## 5922      monodelphis_domestica_rnaseq_99_1
## 5923      monodelphis_domestica_variation_61_5m
## 5924      monodelphis_domestica_variation_62_5n
## 5925      monodelphis_domestica_variation_63_5
## 5926      monodelphis_domestica_variation_64_5
## 5927      monodelphis_domestica_variation_65_5
## 5928      monodelphis_domestica_variation_66_5
## 5929      monodelphis_domestica_variation_67_5
## 5930      monodelphis_domestica_variation_68_5
## 5931      monodelphis_domestica_variation_69_5
## 5932      monodelphis_domestica_variation_70_5
## 5933      monodelphis_domestica_variation_71_5
## 5934      monodelphis_domestica_variation_72_5
## 5935      monodelphis_domestica_variation_73_5
## 5936      monodelphis_domestica_variation_74_5
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## 5938      monodelphis_domestica_variation_76_5
## 5939      monodelphis_domestica_variation_77_5
## 5940      monodelphis_domestica_variation_78_5
## 5941      monodelphis_domestica_variation_79_5
## 5942      monodelphis_domestica_variation_80_5
## 5943      monodelphis_domestica_variation_81_5
## 5944      monodelphis_domestica_variation_82_5
## 5945      monodelphis_domestica_variation_83_5
## 5946      monodelphis_domestica_variation_84_5
## 5947      monodelphis_domestica_variation_85_5
## 5948      monodelphis_domestica_variation_86_5
## 5949      monodelphis_domestica_variation_87_5
## 5950      monodelphis_domestica_variation_88_5

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## 5951      monodelphis_domestica_variation_89_5
## 5952      monodelphis_domestica_variation_90_5
## 5953      monodelphis_domestica_variation_91_5
## 5954      monodelphis_domestica_variation_92_5
## 5955      monodelphis_domestica_variation_93_5
## 5956      monodelphis_domestica_variation_94_5
## 5957      monodelphis_domestica_variation_95_5
## 5958      monodelphis_domestica_variation_96_5
## 5959      monodelphis_domestica_variation_97_5
## 5960      monodelphis_domestica_variation_98_1
## 5961      monodelphis_domestica_variation_99_1
## 5962      monopterus_albus_core_94_1
## 5963      monopterus_albus_core_95_1
## 5964      monopterus_albus_core_96_1
## 5965      monopterus_albus_core_97_1
## 5966      monopterus_albus_core_98_1
## 5967      monopterus_albus_core_99_1
## 5968      monopterus_albus_otherfeatures_94_1
## 5969      monopterus_albus_otherfeatures_95_1
## 5970      monopterus_albus_otherfeatures_96_1
## 5971      monopterus_albus_otherfeatures_97_1
## 5972      monopterus_albus_otherfeatures_98_1
## 5973      monopterus_albus_otherfeatures_99_1
## 5974      monopterus_albus_rnaseq_94_1
## 5975      monopterus_albus_rnaseq_95_1
## 5976      monopterus_albus_rnaseq_96_1
## 5977      monopterus_albus_rnaseq_97_1
## 5978      monopterus_albus_rnaseq_98_1
## 5979      monopterus_albus_rnaseq_99_1
## 5980      moschus_moschiferus_core_99_2
## 5981      moschus_moschiferus_rnaseq_99_2
## 5982      mus_caroli_core_90_11
## 5983      mus_caroli_core_91_11
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## 5990      mus_caroli_core_98_11
## 5991      mus_caroli_core_99_11
## 5992      mus_musculus_129s1svimj_core_86_1
## 5993      mus_musculus_129s1svimj_core_87_1
## 5994      mus_musculus_129s1svimj_core_88_1
## 5995      mus_musculus_129s1svimj_core_89_1
## 5996      mus_musculus_129s1svimj_core_90_1
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## 5998      mus_musculus_129s1svimj_core_92_1
## 5999      mus_musculus_129s1svimj_core_93_1
## 6000      mus_musculus_129s1svimj_core_94_1
## 6001      mus_musculus_129s1svimj_core_95_1
## 6002      mus_musculus_129s1svimj_core_96_1
## 6003      mus_musculus_129s1svimj_core_97_1
## 6004      mus_musculus_129s1svimj_core_98_1

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## 6005          mus_musculus_129s1svimj_core_99_1
## 6006      mus_musculus_129s1svimj_funcgen_89_1
## 6007      mus_musculus_129s1svimj_funcgen_90_1
## 6008      mus_musculus_129s1svimj_funcgen_91_1
## 6009      mus_musculus_129s1svimj_funcgen_92_1
## 6010      mus_musculus_129s1svimj_funcgen_93_1
## 6011      mus_musculus_129s1svimj_funcgen_94_1
## 6012      mus_musculus_129s1svimj_funcgen_95_1
## 6013      mus_musculus_129s1svimj_funcgen_96_1
## 6014      mus_musculus_129s1svimj_funcgen_97_1
## 6015      mus_musculus_129s1svimj_funcgen_98_1
## 6016      mus_musculus_129s1svimj_funcgen_99_1
## 6017          mus_musculus_aj_core_86_1
## 6018          mus_musculus_aj_core_87_1
## 6019          mus_musculus_aj_core_88_1
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## 6045          mus_musculus_akrj_core_89_1
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## 6055          mus_musculus_akrj_core_99_1
## 6056      mus_musculus_akrj_funcgen_89_1
## 6057      mus_musculus_akrj_funcgen_90_1
## 6058      mus_musculus_akrj_funcgen_91_1

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## 6059      mus_musculus_akrj_funcgen_92_1
## 6060      mus_musculus_akrj_funcgen_93_1
## 6061      mus_musculus_akrj_funcgen_94_1
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## 6066      mus_musculus_akrj_funcgen_99_1
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## 6091      mus_musculus_balbcj_funcgen_99_1
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## 6110      mus_musculus_c3hhej_funcgen_93_1
## 6111      mus_musculus_c3hhej_funcgen_94_1
## 6112      mus_musculus_c3hhej_funcgen_95_1

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## 6113      mus_musculus_c3hhej_funcgen_96_1
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## 6115      mus_musculus_c3hhej_funcgen_98_1
## 6116      mus_musculus_c3hhej_funcgen_99_1
## 6117      mus_musculus_c57bl6nj_core_86_1
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## 6128      mus_musculus_c57bl6nj_core_97_1
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## 6165      mus_musculus_casteij_funcgen_98_1
## 6166      mus_musculus_casteij_funcgen_99_1

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## 6167      mus_musculus_cbaj_core_86_1
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## 6193      mus_musculus_cdna_49_37b
## 6194      mus_musculus_cdna_50_37c
## 6195      mus_musculus_cdna_51_37d
## 6196      mus_musculus_cdna_52_37e
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## 6199      mus_musculus_cdna_55_37h
## 6200      mus_musculus_cdna_56_37i
## 6201      mus_musculus_cdna_57_37j
## 6202      mus_musculus_cdna_58_37k
## 6203      mus_musculus_cdna_59_37l
## 6204      mus_musculus_cdna_60_37m
## 6205      mus_musculus_cdna_61_37n
## 6206      mus_musculus_cdna_62_37o
## 6207      mus_musculus_cdna_63_37
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## 6219      mus_musculus_cdna_75_38
## 6220      mus_musculus_cdna_76_38

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## 6221	mus_musculus_cdna_77_38
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## 6247	mus_musculus_core_51_37d
## 6248	mus_musculus_core_52_37e
## 6249	mus_musculus_core_53_37f
## 6250	mus_musculus_core_54_37g
## 6251	mus_musculus_core_55_37h
## 6252	mus_musculus_core_56_37i
## 6253	mus_musculus_core_57_37j
## 6254	mus_musculus_core_58_37k
## 6255	mus_musculus_core_59_37l
## 6256	mus_musculus_core_60_37m
## 6257	mus_musculus_core_61_37n
## 6258	mus_musculus_core_62_37o
## 6259	mus_musculus_core_63_37
## 6260	mus_musculus_core_64_37
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## 6275      mus_musculus_core_79_38
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## 6293      mus_musculus_core_97_38
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## 6328      mus_musculus_funcgen_55_37h

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## 6401          mus_musculus_lpj_core_89_1
## 6402          mus_musculus_lpj_core_90_1
## 6403          mus_musculus_lpj_core_91_1
## 6404          mus_musculus_lpj_core_92_1
## 6405          mus_musculus_lpj_core_93_1
## 6406          mus_musculus_lpj_core_94_1
## 6407          mus_musculus_lpj_core_95_1
## 6408          mus_musculus_lpj_core_96_1
## 6409          mus_musculus_lpj_core_97_1
## 6410          mus_musculus_lpj_core_98_1
## 6411          mus_musculus_lpj_core_99_1
## 6412      mus_musculus_lpj_funcgen_89_1
## 6413      mus_musculus_lpj_funcgen_90_1
## 6414      mus_musculus_lpj_funcgen_91_1
## 6415      mus_musculus_lpj_funcgen_92_1
## 6416      mus_musculus_lpj_funcgen_93_1
## 6417      mus_musculus_lpj_funcgen_94_1
## 6418      mus_musculus_lpj_funcgen_95_1
## 6419      mus_musculus_lpj_funcgen_96_1
## 6420      mus_musculus_lpj_funcgen_97_1
## 6421      mus_musculus_lpj_funcgen_98_1
## 6422      mus_musculus_lpj_funcgen_99_1
## 6423      mus_musculus_nodshiltj_core_86_1
## 6424      mus_musculus_nodshiltj_core_87_1
## 6425      mus_musculus_nodshiltj_core_88_1
## 6426      mus_musculus_nodshiltj_core_89_1
## 6427      mus_musculus_nodshiltj_core_90_1
## 6428      mus_musculus_nodshiltj_core_91_1
## 6429      mus_musculus_nodshiltj_core_92_1
## 6430      mus_musculus_nodshiltj_core_93_1
## 6431      mus_musculus_nodshiltj_core_94_1
## 6432      mus_musculus_nodshiltj_core_95_1
## 6433      mus_musculus_nodshiltj_core_96_1
## 6434      mus_musculus_nodshiltj_core_97_1
## 6435      mus_musculus_nodshiltj_core_98_1
## 6436      mus_musculus_nodshiltj_core_99_1

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## 6437      mus_musculus_nodshiltj_funcgen_89_1
## 6438      mus_musculus_nodshiltj_funcgen_90_1
## 6439      mus_musculus_nodshiltj_funcgen_91_1
## 6440      mus_musculus_nodshiltj_funcgen_92_1
## 6441      mus_musculus_nodshiltj_funcgen_93_1
## 6442      mus_musculus_nodshiltj_funcgen_94_1
## 6443      mus_musculus_nodshiltj_funcgen_95_1
## 6444      mus_musculus_nodshiltj_funcgen_96_1
## 6445      mus_musculus_nodshiltj_funcgen_97_1
## 6446      mus_musculus_nodshiltj_funcgen_98_1
## 6447      mus_musculus_nodshiltj_funcgen_99_1
## 6448      mus_musculus_nzohlltj_core_86_1
## 6449      mus_musculus_nzohlltj_core_87_1
## 6450      mus_musculus_nzohlltj_core_88_1
## 6451      mus_musculus_nzohlltj_core_89_1
## 6452      mus_musculus_nzohlltj_core_90_1
## 6453      mus_musculus_nzohlltj_core_91_1
## 6454      mus_musculus_nzohlltj_core_92_1
## 6455      mus_musculus_nzohlltj_core_93_1
## 6456      mus_musculus_nzohlltj_core_94_1
## 6457      mus_musculus_nzohlltj_core_95_1
## 6458      mus_musculus_nzohlltj_core_96_1
## 6459      mus_musculus_nzohlltj_core_97_1
## 6460      mus_musculus_nzohlltj_core_98_1
## 6461      mus_musculus_nzohlltj_core_99_1
## 6462      mus_musculus_nzohlltj_funcgen_89_1
## 6463      mus_musculus_nzohlltj_funcgen_90_1
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## 6465      mus_musculus_nzohlltj_funcgen_92_1
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## 6467      mus_musculus_nzohlltj_funcgen_94_1
## 6468      mus_musculus_nzohlltj_funcgen_95_1
## 6469      mus_musculus_nzohlltj_funcgen_96_1
## 6470      mus_musculus_nzohlltj_funcgen_97_1
## 6471      mus_musculus_nzohlltj_funcgen_98_1
## 6472      mus_musculus_nzohlltj_funcgen_99_1
## 6473      mus_musculus_otherfeatures_48_37a
## 6474      mus_musculus_otherfeatures_49_37b
## 6475      mus_musculus_otherfeatures_50_37c
## 6476      mus_musculus_otherfeatures_51_37d
## 6477      mus_musculus_otherfeatures_52_37e
## 6478      mus_musculus_otherfeatures_53_37f
## 6479      mus_musculus_otherfeatures_54_37g
## 6480      mus_musculus_otherfeatures_55_37h
## 6481      mus_musculus_otherfeatures_56_37i
## 6482      mus_musculus_otherfeatures_57_37j
## 6483      mus_musculus_otherfeatures_58_37k
## 6484      mus_musculus_otherfeatures_59_37l
## 6485      mus_musculus_otherfeatures_60_37m
## 6486      mus_musculus_otherfeatures_61_37n
## 6487      mus_musculus_otherfeatures_62_37o
## 6488      mus_musculus_otherfeatures_63_37
## 6489      mus_musculus_otherfeatures_64_37
## 6490      mus_musculus_otherfeatures_65_37

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## 6491	mus_musculus_otherfeatures_66_37
## 6492	mus_musculus_otherfeatures_67_37
## 6493	mus_musculus_otherfeatures_68_38
## 6494	mus_musculus_otherfeatures_69_38
## 6495	mus_musculus_otherfeatures_70_38
## 6496	mus_musculus_otherfeatures_71_38
## 6497	mus_musculus_otherfeatures_72_38
## 6498	mus_musculus_otherfeatures_73_38
## 6499	mus_musculus_otherfeatures_74_38
## 6500	mus_musculus_otherfeatures_75_38
## 6501	mus_musculus_otherfeatures_76_38
## 6502	mus_musculus_otherfeatures_77_38
## 6503	mus_musculus_otherfeatures_78_38
## 6504	mus_musculus_otherfeatures_79_38
## 6505	mus_musculus_otherfeatures_80_38
## 6506	mus_musculus_otherfeatures_81_38
## 6507	mus_musculus_otherfeatures_82_38
## 6508	mus_musculus_otherfeatures_83_38
## 6509	mus_musculus_otherfeatures_84_38
## 6510	mus_musculus_otherfeatures_85_38
## 6511	mus_musculus_otherfeatures_86_38
## 6512	mus_musculus_otherfeatures_87_38
## 6513	mus_musculus_otherfeatures_88_38
## 6514	mus_musculus_otherfeatures_89_38
## 6515	mus_musculus_otherfeatures_90_38
## 6516	mus_musculus_otherfeatures_91_38
## 6517	mus_musculus_otherfeatures_92_38
## 6518	mus_musculus_otherfeatures_93_38
## 6519	mus_musculus_otherfeatures_94_38
## 6520	mus_musculus_otherfeatures_95_38
## 6521	mus_musculus_otherfeatures_96_38
## 6522	mus_musculus_otherfeatures_97_38
## 6523	mus_musculus_otherfeatures_98_38
## 6524	mus_musculus_otherfeatures_99_38
## 6525	mus_musculus_pwkphj_core_86_1
## 6526	mus_musculus_pwkphj_core_87_1
## 6527	mus_musculus_pwkphj_core_88_1
## 6528	mus_musculus_pwkphj_core_89_1
## 6529	mus_musculus_pwkphj_core_90_1
## 6530	mus_musculus_pwkphj_core_91_1
## 6531	mus_musculus_pwkphj_core_92_1
## 6532	mus_musculus_pwkphj_core_93_1
## 6533	mus_musculus_pwkphj_core_94_1
## 6534	mus_musculus_pwkphj_core_95_1
## 6535	mus_musculus_pwkphj_core_96_1
## 6536	mus_musculus_pwkphj_core_97_1
## 6537	mus_musculus_pwkphj_core_98_1
## 6538	mus_musculus_pwkphj_core_99_1
## 6539	mus_musculus_pwkphj_funcgen_89_1
## 6540	mus_musculus_pwkphj_funcgen_90_1
## 6541	mus_musculus_pwkphj_funcgen_91_1
## 6542	mus_musculus_pwkphj_funcgen_92_1
## 6543	mus_musculus_pwkphj_funcgen_93_1
## 6544	mus_musculus_pwkphj_funcgen_94_1

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## 6545 mus_musculus_pwkpjh_funcgen_95_1
## 6546 mus_musculus_pwkpjh_funcgen_96_1
## 6547 mus_musculus_pwkpjh_funcgen_97_1
## 6548 mus_musculus_pwkpjh_funcgen_98_1
## 6549 mus_musculus_pwkpjh_funcgen_99_1
## 6550 mus_musculus_rnaseq_75_38
## 6551 mus_musculus_rnaseq_76_38
## 6552 mus_musculus_rnaseq_77_38
## 6553 mus_musculus_rnaseq_78_38
## 6554 mus_musculus_rnaseq_79_38
## 6555 mus_musculus_rnaseq_80_38
## 6556 mus_musculus_rnaseq_81_38
## 6557 mus_musculus_rnaseq_82_38
## 6558 mus_musculus_rnaseq_83_38
## 6559 mus_musculus_rnaseq_84_38
## 6560 mus_musculus_rnaseq_85_38
## 6561 mus_musculus_rnaseq_86_38
## 6562 mus_musculus_rnaseq_87_38
## 6563 mus_musculus_rnaseq_88_38
## 6564 mus_musculus_rnaseq_89_38
## 6565 mus_musculus_rnaseq_90_38
## 6566 mus_musculus_rnaseq_91_38
## 6567 mus_musculus_rnaseq_92_38
## 6568 mus_musculus_rnaseq_93_38
## 6569 mus_musculus_rnaseq_94_38
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## 6572 mus_musculus_rnaseq_97_38
## 6573 mus_musculus_rnaseq_98_38
## 6574 mus_musculus_rnaseq_99_38
## 6575 mus_musculus_variation_48_37a
## 6576 mus_musculus_variation_49_37b
## 6577 mus_musculus_variation_50_37c
## 6578 mus_musculus_variation_51_37d
## 6579 mus_musculus_variation_52_37e
## 6580 mus_musculus_variation_53_37f
## 6581 mus_musculus_variation_54_37g
## 6582 mus_musculus_variation_55_37h
## 6583 mus_musculus_variation_56_37i
## 6584 mus_musculus_variation_57_37j
## 6585 mus_musculus_variation_58_37k
## 6586 mus_musculus_variation_59_37l
## 6587 mus_musculus_variation_60_37m
## 6588 mus_musculus_variation_61_37n
## 6589 mus_musculus_variation_62_37o
## 6590 mus_musculus_variation_63_37
## 6591 mus_musculus_variation_64_37
## 6592 mus_musculus_variation_65_37
## 6593 mus_musculus_variation_66_37
## 6594 mus_musculus_variation_67_37
## 6595 mus_musculus_variation_68_38
## 6596 mus_musculus_variation_69_38
## 6597 mus_musculus_variation_70_38
## 6598 mus_musculus_variation_71_38

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## 6599	mus_musculus_variation_72_38
## 6600	mus_musculus_variation_73_38
## 6601	mus_musculus_variation_74_38
## 6602	mus_musculus_variation_75_38
## 6603	mus_musculus_variation_76_38
## 6604	mus_musculus_variation_77_38
## 6605	mus_musculus_variation_78_38
## 6606	mus_musculus_variation_79_38
## 6607	mus_musculus_variation_80_38
## 6608	mus_musculus_variation_81_38
## 6609	mus_musculus_variation_82_38
## 6610	mus_musculus_variation_83_38
## 6611	mus_musculus_variation_84_38
## 6612	mus_musculus_variation_85_38
## 6613	mus_musculus_variation_86_38
## 6614	mus_musculus_variation_87_38
## 6615	mus_musculus_variation_88_38
## 6616	mus_musculus_variation_89_38
## 6617	mus_musculus_variation_90_38
## 6618	mus_musculus_variation_91_38
## 6619	mus_musculus_variation_92_38
## 6620	mus_musculus_variation_93_38
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## 6624	mus_musculus_variation_97_38
## 6625	mus_musculus_variation_98_38
## 6626	mus_musculus_variation_99_38
## 6627	mus_musculus_vega_48_37a
## 6628	mus_musculus_vega_49_37b
## 6629	mus_musculus_vega_50_37c
## 6630	mus_musculus_vega_51_37d
## 6631	mus_musculus_vega_52_37e
## 6632	mus_musculus_vega_53_37f
## 6633	mus_musculus_vega_54_37g
## 6634	mus_musculus_vega_55_37h
## 6635	mus_musculus_vega_56_37i
## 6636	mus_musculus_vega_57_37j
## 6637	mus_musculus_vega_58_37k
## 6638	mus_musculus_vega_59_37l
## 6639	mus_musculus_vega_60_37m
## 6640	mus_musculus_vega_61_37n
## 6641	mus_musculus_vega_62_37o
## 6642	mus_musculus_vega_63_37
## 6643	mus_musculus_vega_64_37
## 6644	mus_musculus_vega_65_37
## 6645	mus_musculus_vega_66_37
## 6646	mus_musculus_vega_67_37
## 6647	mus_musculus_vega_68_38
## 6648	mus_musculus_vega_69_38
## 6649	mus_musculus_vega_70_38
## 6650	mus_musculus_vega_71_38
## 6651	mus_musculus_vega_72_38
## 6652	mus_musculus_vega_73_38

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## 6653      mus_musculus_vega_74_38
## 6654      mus_musculus_vega_75_38
## 6655      mus_musculus_vega_76_38
## 6656      mus_musculus_vega_77_38
## 6657      mus_musculus_vega_78_38
## 6658      mus_musculus_vega_79_38
## 6659      mus_musculus_vega_80_38
## 6660      mus_musculus_vega_81_38
## 6661      mus_musculus_vega_82_38
## 6662      mus_musculus_vega_83_38
## 6663      mus_musculus_vega_84_38
## 6664      mus_musculus_vega_85_38
## 6665      mus_musculus_vega_86_38
## 6666      mus_musculus_vega_87_38
## 6667      mus_musculus_vega_88_38
## 6668      mus_musculus_wsbeij_core_86_1
## 6669      mus_musculus_wsbeij_core_87_1
## 6670      mus_musculus_wsbeij_core_88_1
## 6671      mus_musculus_wsbeij_core_89_1
## 6672      mus_musculus_wsbeij_core_90_1
## 6673      mus_musculus_wsbeij_core_91_1
## 6674      mus_musculus_wsbeij_core_92_1
## 6675      mus_musculus_wsbeij_core_93_1
## 6676      mus_musculus_wsbeij_core_94_1
## 6677      mus_musculus_wsbeij_core_95_1
## 6678      mus_musculus_wsbeij_core_96_1
## 6679      mus_musculus_wsbeij_core_97_1
## 6680      mus_musculus_wsbeij_core_98_1
## 6681      mus_musculus_wsbeij_core_99_1
## 6682      mus_musculus_wsbeij_funcgen_89_1
## 6683      mus_musculus_wsbeij_funcgen_90_1
## 6684      mus_musculus_wsbeij_funcgen_91_1
## 6685      mus_musculus_wsbeij_funcgen_92_1
## 6686      mus_musculus_wsbeij_funcgen_93_1
## 6687      mus_musculus_wsbeij_funcgen_94_1
## 6688      mus_musculus_wsbeij_funcgen_95_1
## 6689      mus_musculus_wsbeij_funcgen_96_1
## 6690      mus_musculus_wsbeij_funcgen_97_1
## 6691      mus_musculus_wsbeij_funcgen_98_1
## 6692      mus_musculus_wsbeij_funcgen_99_1
## 6693      mus_pahari_core_90_11
## 6694      mus_pahari_core_91_11
## 6695      mus_pahari_core_92_11
## 6696      mus_pahari_core_93_11
## 6697      mus_pahari_core_94_11
## 6698      mus_pahari_core_95_11
## 6699      mus_pahari_core_96_11
## 6700      mus_pahari_core_97_11
## 6701      mus_pahari_core_98_11
## 6702      mus_pahari_core_99_11
## 6703      mus_spicilegus_core_96_714
## 6704      mus_spicilegus_core_97_714
## 6705      mus_spicilegus_core_98_714
## 6706      mus_spicilegus_core_99_714

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## 6707      mus_spicilegus_rnaseq_96_714
## 6708      mus_spicilegus_rnaseq_97_714
## 6709      mus_spicilegus_rnaseq_98_714
## 6710      mus_spicilegus_rnaseq_99_714
## 6711      mus_spretus_core_92_1
## 6712      mus_spretus_core_93_1
## 6713      mus_spretus_core_94_1
## 6714      mus_spretus_core_95_1
## 6715      mus_spretus_core_96_1
## 6716      mus_spretus_core_97_1
## 6717      mus_spretus_core_98_1
## 6718      mus_spretus_core_99_1
## 6719      mus_spretus_funcgen_92_1
## 6720      mus_spretus_funcgen_93_1
## 6721      mus_spretus_funcgen_94_1
## 6722      mus_spretus_funcgen_95_1
## 6723      mus_spretus_funcgen_96_1
## 6724      mus_spretus_funcgen_97_1
## 6725      mus_spretus_funcgen_98_1
## 6726      mus_spretus_funcgen_99_1
## 6727      mus_spretus_spreteij_core_86_1
## 6728      mus_spretus_spreteij_core_87_1
## 6729      mus_spretus_spreteij_core_88_1
## 6730      mus_spretus_spreteij_core_89_1
## 6731      mus_spretus_spreteij_core_90_1
## 6732      mus_spretus_spreteij_core_91_1
## 6733      mus_spretus_spreteij_funcgen_89_1
## 6734      mus_spretus_spreteij_funcgen_90_1
## 6735      mus_spretus_spreteij_funcgen_91_1
## 6736      mustela_putorius_furo_core_69_1
## 6737      mustela_putorius_furo_core_70_1
## 6738      mustela_putorius_furo_core_71_1
## 6739      mustela_putorius_furo_core_72_1
## 6740      mustela_putorius_furo_core_73_1
## 6741      mustela_putorius_furo_core_74_1
## 6742      mustela_putorius_furo_core_75_1
## 6743      mustela_putorius_furo_core_76_1
## 6744      mustela_putorius_furo_core_77_1
## 6745      mustela_putorius_furo_core_78_1
## 6746      mustela_putorius_furo_core_79_1
## 6747      mustela_putorius_furo_core_80_1
## 6748      mustela_putorius_furo_core_81_1
## 6749      mustela_putorius_furo_core_82_1
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## 6752      mustela_putorius_furo_core_85_1
## 6753      mustela_putorius_furo_core_86_1
## 6754      mustela_putorius_furo_core_87_1
## 6755      mustela_putorius_furo_core_88_1
## 6756      mustela_putorius_furo_core_89_1
## 6757      mustela_putorius_furo_core_90_1
## 6758      mustela_putorius_furo_core_91_1
## 6759      mustela_putorius_furo_core_92_1
## 6760      mustela_putorius_furo_core_93_1

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## 6761          mustela_putorius_furo_core_94_1
## 6762          mustela_putorius_furo_core_95_1
## 6763          mustela_putorius_furo_core_96_1
## 6764          mustela_putorius_furo_core_97_1
## 6765          mustela_putorius_furo_core_98_1
## 6766          mustela_putorius_furo_core_99_1
## 6767 mustela_putorius_furo_otherfeatures_69_1
## 6768 mustela_putorius_furo_otherfeatures_70_1
## 6769 mustela_putorius_furo_otherfeatures_71_1
## 6770 mustela_putorius_furo_otherfeatures_72_1
## 6771 mustela_putorius_furo_otherfeatures_73_1
## 6772 mustela_putorius_furo_otherfeatures_74_1
## 6773 mustela_putorius_furo_otherfeatures_75_1
## 6774 mustela_putorius_furo_otherfeatures_76_1
## 6775 mustela_putorius_furo_otherfeatures_77_1
## 6776 mustela_putorius_furo_otherfeatures_78_1
## 6777 mustela_putorius_furo_otherfeatures_79_1
## 6778 mustela_putorius_furo_otherfeatures_80_1
## 6779 mustela_putorius_furo_otherfeatures_81_1
## 6780 mustela_putorius_furo_otherfeatures_82_1
## 6781 mustela_putorius_furo_otherfeatures_83_1
## 6782 mustela_putorius_furo_otherfeatures_84_1
## 6783 mustela_putorius_furo_otherfeatures_85_1
## 6784 mustela_putorius_furo_otherfeatures_86_1
## 6785 mustela_putorius_furo_otherfeatures_87_1
## 6786 mustela_putorius_furo_otherfeatures_88_1
## 6787 mustela_putorius_furo_otherfeatures_89_1
## 6788 mustela_putorius_furo_otherfeatures_90_1
## 6789 mustela_putorius_furo_otherfeatures_91_1
## 6790 mustela_putorius_furo_otherfeatures_92_1
## 6791 mustela_putorius_furo_otherfeatures_93_1
## 6792 mustela_putorius_furo_otherfeatures_94_1
## 6793 mustela_putorius_furo_otherfeatures_95_1
## 6794 mustela_putorius_furo_otherfeatures_96_1
## 6795 mustela_putorius_furo_otherfeatures_97_1
## 6796 mustela_putorius_furo_otherfeatures_98_1
## 6797 mustela_putorius_furo_otherfeatures_99_1
## 6798          mustela_putorius_furo_rnaseq_69_1
## 6799          mustela_putorius_furo_rnaseq_70_1
## 6800          mustela_putorius_furo_rnaseq_71_1
## 6801          mustela_putorius_furo_rnaseq_72_1
## 6802          mustela_putorius_furo_rnaseq_73_1
## 6803          mustela_putorius_furo_rnaseq_74_1
## 6804          mustela_putorius_furo_rnaseq_75_1
## 6805          mustela_putorius_furo_rnaseq_76_1
## 6806          mustela_putorius_furo_rnaseq_77_1
## 6807          mustela_putorius_furo_rnaseq_78_1
## 6808          mustela_putorius_furo_rnaseq_79_1
## 6809          mustela_putorius_furo_rnaseq_80_1
## 6810          mustela_putorius_furo_rnaseq_81_1
## 6811          mustela_putorius_furo_rnaseq_82_1
## 6812          mustela_putorius_furo_rnaseq_83_1
## 6813          mustela_putorius_furo_rnaseq_84_1
## 6814          mustela_putorius_furo_rnaseq_85_1

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## 6815      mustela_putorius_furo_rnaseq_86_1
## 6816      mustela_putorius_furo_rnaseq_87_1
## 6817      mustela_putorius_furo_rnaseq_88_1
## 6818      mustela_putorius_furo_rnaseq_89_1
## 6819      mustela_putorius_furo_rnaseq_90_1
## 6820      mustela_putorius_furo_rnaseq_91_1
## 6821      mustela_putorius_furo_rnaseq_92_1
## 6822      mustela_putorius_furo_rnaseq_93_1
## 6823      mustela_putorius_furo_rnaseq_94_1
## 6824      mustela_putorius_furo_rnaseq_95_1
## 6825      mustela_putorius_furo_rnaseq_96_1
## 6826      mustela_putorius_furo_rnaseq_97_1
## 6827      mustela_putorius_furo_rnaseq_98_1
## 6828      mustela_putorius_furo_rnaseq_99_1
## 6829      myotis_lucifugus_core_48_1d
## 6830      myotis_lucifugus_core_49_1e
## 6831      myotis_lucifugus_core_50_1f
## 6832      myotis_lucifugus_core_51_1f
## 6833      myotis_lucifugus_core_52_1g
## 6834      myotis_lucifugus_core_53_1g
## 6835      myotis_lucifugus_core_54_1g
## 6836      myotis_lucifugus_core_55_1g
## 6837      myotis_lucifugus_core_56_1g
## 6838      myotis_lucifugus_core_57_1g
## 6839      myotis_lucifugus_core_58_1h
## 6840      myotis_lucifugus_core_59_1i
## 6841      myotis_lucifugus_core_60_1j
## 6842      myotis_lucifugus_core_61_1k
## 6843      myotis_lucifugus_core_62_1l
## 6844      myotis_lucifugus_core_63_2
## 6845      myotis_lucifugus_core_64_2
## 6846      myotis_lucifugus_core_65_2
## 6847      myotis_lucifugus_core_66_2
## 6848      myotis_lucifugus_core_67_2
## 6849      myotis_lucifugus_core_68_2
## 6850      myotis_lucifugus_core_69_2
## 6851      myotis_lucifugus_core_70_2
## 6852      myotis_lucifugus_core_71_2
## 6853      myotis_lucifugus_core_72_2
## 6854      myotis_lucifugus_core_73_2
## 6855      myotis_lucifugus_core_74_2
## 6856      myotis_lucifugus_core_75_2
## 6857      myotis_lucifugus_core_76_2
## 6858      myotis_lucifugus_core_77_2
## 6859      myotis_lucifugus_core_78_2
## 6860      myotis_lucifugus_core_79_2
## 6861      myotis_lucifugus_core_80_2
## 6862      myotis_lucifugus_core_81_2
## 6863      myotis_lucifugus_core_82_2
## 6864      myotis_lucifugus_core_83_2
## 6865      myotis_lucifugus_core_84_2
## 6866      myotis_lucifugus_core_85_2
## 6867      myotis_lucifugus_core_86_2
## 6868      myotis_lucifugus_core_87_2

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## 6869          myotis_lucifugus_core_88_2
## 6870          myotis_lucifugus_core_89_2
## 6871          myotis_lucifugus_core_90_2
## 6872          myotis_lucifugus_core_91_2
## 6873          myotis_lucifugus_core_92_2
## 6874          myotis_lucifugus_core_93_2
## 6875          myotis_lucifugus_core_94_2
## 6876          myotis_lucifugus_core_95_2
## 6877          myotis_lucifugus_core_96_2
## 6878          myotis_lucifugus_core_97_2
## 6879          myotis_lucifugus_core_98_2
## 6880          myotis_lucifugus_core_99_2
## 6881      myotis_lucifugus_otherfeatures_63_2
## 6882      myotis_lucifugus_otherfeatures_64_2
## 6883      myotis_lucifugus_otherfeatures_65_2
## 6884      myotis_lucifugus_otherfeatures_66_2
## 6885      myotis_lucifugus_otherfeatures_67_2
## 6886      myotis_lucifugus_otherfeatures_68_2
## 6887      myotis_lucifugus_otherfeatures_69_2
## 6888      myotis_lucifugus_otherfeatures_70_2
## 6889      myotis_lucifugus_otherfeatures_71_2
## 6890      myotis_lucifugus_otherfeatures_72_2
## 6891      myotis_lucifugus_otherfeatures_73_2
## 6892      myotis_lucifugus_otherfeatures_74_2
## 6893      myotis_lucifugus_otherfeatures_75_2
## 6894      myotis_lucifugus_otherfeatures_76_2
## 6895      myotis_lucifugus_otherfeatures_77_2
## 6896      myotis_lucifugus_otherfeatures_78_2
## 6897      myotis_lucifugus_otherfeatures_79_2
## 6898      myotis_lucifugus_otherfeatures_80_2
## 6899      myotis_lucifugus_otherfeatures_81_2
## 6900      myotis_lucifugus_otherfeatures_82_2
## 6901      myotis_lucifugus_otherfeatures_83_2
## 6902      myotis_lucifugus_otherfeatures_84_2
## 6903      myotis_lucifugus_otherfeatures_85_2
## 6904      myotis_lucifugus_otherfeatures_86_2
## 6905      myotis_lucifugus_otherfeatures_87_2
## 6906      myotis_lucifugus_otherfeatures_88_2
## 6907      myotis_lucifugus_otherfeatures_89_2
## 6908      myotis_lucifugus_otherfeatures_90_2
## 6909      myotis_lucifugus_otherfeatures_91_2
## 6910      myotis_lucifugus_otherfeatures_92_2
## 6911      myotis_lucifugus_otherfeatures_93_2
## 6912      myotis_lucifugus_otherfeatures_94_2
## 6913      myotis_lucifugus_otherfeatures_95_2
## 6914      myotis_lucifugus_otherfeatures_96_2
## 6915      myotis_lucifugus_otherfeatures_97_2
## 6916      myotis_lucifugus_otherfeatures_98_2
## 6917      myotis_lucifugus_otherfeatures_99_2
## 6918          myripristis_murdjan_core_99_11
## 6919      myripristis_murdjan_otherfeatures_99_11
## 6920          myripristis_murdjan_rnaseq_99_11
## 6921          nannospalax_galili_core_90_10
## 6922          nannospalax_galili_core_91_10

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## 6923          nannospalax_galili_core_92_10
## 6924          nannospalax_galili_core_93_10
## 6925          nannospalax_galili_core_94_10
## 6926          nannospalax_galili_core_95_10
## 6927          nannospalax_galili_core_96_10
## 6928          nannospalax_galili_core_97_10
## 6929          nannospalax_galili_core_98_10
## 6930          nannospalax_galili_core_99_10
## 6931          nannospalax_galili_funcgen_90_10
## 6932          nannospalax_galili_funcgen_91_10
## 6933          nannospalax_galili_funcgen_92_10
## 6934          nannospalax_galili_funcgen_93_10
## 6935          nannospalax_galili_funcgen_94_10
## 6936          nannospalax_galili_funcgen_95_10
## 6937          nannospalax_galili_funcgen_96_10
## 6938          nannospalax_galili_funcgen_97_10
## 6939          nannospalax_galili_funcgen_98_10
## 6940          nannospalax_galili_funcgen_99_10
## 6941          nannospalax_galili_otherfeatures_90_10
## 6942          nannospalax_galili_otherfeatures_91_10
## 6943          nannospalax_galili_otherfeatures_92_10
## 6944          nannospalax_galili_otherfeatures_93_10
## 6945          nannospalax_galili_otherfeatures_94_10
## 6946          nannospalax_galili_otherfeatures_95_10
## 6947          nannospalax_galili_otherfeatures_96_10
## 6948          nannospalax_galili_otherfeatures_97_10
## 6949          nannospalax_galili_otherfeatures_98_10
## 6950          nannospalax_galili_otherfeatures_99_10
## 6951          nannospalax_galili_rnaseq_90_10
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## 6953          nannospalax_galili_rnaseq_92_10
## 6954          nannospalax_galili_rnaseq_93_10
## 6955          nannospalax_galili_rnaseq_94_10
## 6956          nannospalax_galili_rnaseq_95_10
## 6957          nannospalax_galili_rnaseq_96_10
## 6958          nannospalax_galili_rnaseq_97_10
## 6959          nannospalax_galili_rnaseq_98_10
## 6960          nannospalax_galili_rnaseq_99_10
## 6961          neogobius_melanostomus_core_99_2
## 6962          neogobius_melanostomus_rnaseq_99_2
## 6963          neolamprologus_brichardi_core_94_1
## 6964          neolamprologus_brichardi_core_95_1
## 6965          neolamprologus_brichardi_core_96_1
## 6966          neolamprologus_brichardi_core_97_1
## 6967          neolamprologus_brichardi_core_98_1
## 6968          neolamprologus_brichardi_core_99_1
## 6969          neolamprologus_brichardi_otherfeatures_94_1
## 6970          neolamprologus_brichardi_otherfeatures_95_1
## 6971          neolamprologus_brichardi_otherfeatures_96_1
## 6972          neolamprologus_brichardi_otherfeatures_97_1
## 6973          neolamprologus_brichardi_otherfeatures_98_1
## 6974          neolamprologus_brichardi_otherfeatures_99_1
## 6975          neolamprologus_brichardi_rnaseq_94_1
## 6976          neolamprologus_brichardi_rnaseq_95_1

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## 6977      neolamprologus_brichardi_rnaseq_96_1
## 6978      neolamprologus_brichardi_rnaseq_97_1
## 6979      neolamprologus_brichardi_rnaseq_98_1
## 6980      neolamprologus_brichardi_rnaseq_99_1
## 6981      neovison_vison_core_96_1
## 6982      neovison_vison_core_97_1
## 6983      neovison_vison_core_98_1
## 6984      neovison_vison_core_99_1
## 6985      neovison_vison_rnaseq_96_1
## 6986      neovison_vison_rnaseq_97_1
## 6987      neovison_vison_rnaseq_98_1
## 6988      neovison_vison_rnaseq_99_1
## 6989      nomascus_leucogenys_core_62_1
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## 6992      nomascus_leucogenys_core_65_1
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## 6996      nomascus_leucogenys_core_69_1
## 6997      nomascus_leucogenys_core_70_1
## 6998      nomascus_leucogenys_core_71_1
## 6999      nomascus_leucogenys_core_72_1
## 7000      nomascus_leucogenys_core_73_1
## 7001      nomascus_leucogenys_core_74_1
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## 7003      nomascus_leucogenys_core_76_1
## 7004      nomascus_leucogenys_core_77_1
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## 7010      nomascus_leucogenys_core_83_1
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## 7015      nomascus_leucogenys_core_88_1
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## 7017      nomascus_leucogenys_core_90_1
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## 7019      nomascus_leucogenys_core_92_3
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## 7022      nomascus_leucogenys_core_95_3
## 7023      nomascus_leucogenys_core_96_3
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## 7025      nomascus_leucogenys_core_98_3
## 7026      nomascus_leucogenys_core_99_3
## 7027      nomascus_leucogenys_funcgen_91_3
## 7028      nomascus_leucogenys_funcgen_92_3
## 7029      nomascus_leucogenys_funcgen_93_3
## 7030      nomascus_leucogenys_funcgen_94_3

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## 7031          nomascus_leucogenys_funcgen_95_3
## 7032          nomascus_leucogenys_funcgen_96_3
## 7033          nomascus_leucogenys_funcgen_97_3
## 7034          nomascus_leucogenys_funcgen_98_3
## 7035          nomascus_leucogenys_funcgen_99_3
## 7036          nomascus_leucogenys_otherfeatures_62_1
## 7037          nomascus_leucogenys_otherfeatures_63_1
## 7038          nomascus_leucogenys_otherfeatures_64_1
## 7039          nomascus_leucogenys_otherfeatures_65_1
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## 7042          nomascus_leucogenys_otherfeatures_68_1
## 7043          nomascus_leucogenys_otherfeatures_69_1
## 7044          nomascus_leucogenys_otherfeatures_70_1
## 7045          nomascus_leucogenys_otherfeatures_71_1
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## 7047          nomascus_leucogenys_otherfeatures_73_1
## 7048          nomascus_leucogenys_otherfeatures_74_1
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## 7055          nomascus_leucogenys_otherfeatures_81_1
## 7056          nomascus_leucogenys_otherfeatures_82_1
## 7057          nomascus_leucogenys_otherfeatures_83_1
## 7058          nomascus_leucogenys_otherfeatures_84_1
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## 7061          nomascus_leucogenys_otherfeatures_87_1
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## 7064          nomascus_leucogenys_otherfeatures_90_1
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## 7066          nomascus_leucogenys_otherfeatures_92_3
## 7067          nomascus_leucogenys_otherfeatures_93_3
## 7068          nomascus_leucogenys_otherfeatures_94_3
## 7069          nomascus_leucogenys_otherfeatures_95_3
## 7070          nomascus_leucogenys_otherfeatures_96_3
## 7071          nomascus_leucogenys_otherfeatures_97_3
## 7072          nomascus_leucogenys_otherfeatures_98_3
## 7073          nomascus_leucogenys_otherfeatures_99_3
## 7074          nomascus_leucogenys_rnaseq_70_1
## 7075          nomascus_leucogenys_rnaseq_71_1
## 7076          nomascus_leucogenys_rnaseq_72_1
## 7077          nomascus_leucogenys_rnaseq_73_1
## 7078          nomascus_leucogenys_rnaseq_74_1
## 7079          nomascus_leucogenys_rnaseq_75_1
## 7080          nomascus_leucogenys_rnaseq_76_1
## 7081          nomascus_leucogenys_rnaseq_77_1
## 7082          nomascus_leucogenys_rnaseq_78_1
## 7083          nomascus_leucogenys_rnaseq_79_1
## 7084          nomascus_leucogenys_rnaseq_80_1

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## 7085      nomascus_leucogenys_rnaseq_81_1
## 7086      nomascus_leucogenys_rnaseq_82_1
## 7087      nomascus_leucogenys_rnaseq_83_1
## 7088      nomascus_leucogenys_rnaseq_84_1
## 7089      nomascus_leucogenys_rnaseq_85_1
## 7090      nomascus_leucogenys_rnaseq_86_1
## 7091      nomascus_leucogenys_rnaseq_87_1
## 7092      nomascus_leucogenys_rnaseq_88_1
## 7093      nomascus_leucogenys_rnaseq_89_1
## 7094      nomascus_leucogenys_rnaseq_90_1
## 7095      nomascus_leucogenys_variation_72_1
## 7096      nomascus_leucogenys_variation_73_1
## 7097      nomascus_leucogenys_variation_74_1
## 7098      nomascus_leucogenys_variation_75_1
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## 7107      nomascus_leucogenys_variation_84_1
## 7108      nomascus_leucogenys_variation_85_1
## 7109      nomascus_leucogenys_variation_86_1
## 7110      nomascus_leucogenys_variation_87_1
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## 7113      nomascus_leucogenys_variation_90_1
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## 7115      nomascus_leucogenys_variation_92_3
## 7116      nomascus_leucogenys_variation_93_3
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## 7119      nomascus_leucogenys_variation_96_3
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## 7124      notamacropus_eugenii_core_90_1
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## 7131      notamacropus_eugenii_core_97_1
## 7132      notamacropus_eugenii_core_98_1
## 7133      notamacropus_eugenii_core_99_1
## 7134      notechis_scutatus_core_96_2
## 7135      notechis_scutatus_core_97_2
## 7136      notechis_scutatus_core_98_2
## 7137      notechis_scutatus_core_99_2
## 7138      notechis_scutatus_otherfeatures_96_2

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## 7139      notechis_scutatus_otherfeatures_97_2
## 7140      notechis_scutatus_otherfeatures_98_2
## 7141      notechis_scutatus_otherfeatures_99_2
## 7142      notechis_scutatus_rnaseq_96_2
## 7143      notechis_scutatus_rnaseq_97_2
## 7144      notechis_scutatus_rnaseq_98_2
## 7145      notechis_scutatus_rnaseq_99_2
## 7146      nothoprocta_perdicaria_core_96_1
## 7147      nothoprocta_perdicaria_core_97_1
## 7148      nothoprocta_perdicaria_core_98_1
## 7149      nothoprocta_perdicaria_core_99_1
## 7150      nothoprocta_perdicaria_otherfeatures_96_1
## 7151      nothoprocta_perdicaria_otherfeatures_97_1
## 7152      nothoprocta_perdicaria_otherfeatures_98_1
## 7153      nothoprocta_perdicaria_otherfeatures_99_1
## 7154      numida_meleagris_core_96_1
## 7155      numida_meleagris_core_97_1
## 7156      numida_meleagris_core_98_1
## 7157      numida_meleagris_core_99_1
## 7158      numida_meleagris_otherfeatures_96_1
## 7159      numida_meleagris_otherfeatures_97_1
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## 7167      ochotona_princeps_core_49_1
## 7168      ochotona_princeps_core_50_1a
## 7169      ochotona_princeps_core_51_1b
## 7170      ochotona_princeps_core_52_1c
## 7171      ochotona_princeps_core_53_1c
## 7172      ochotona_princeps_core_54_1c
## 7173      ochotona_princeps_core_55_1c
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## 7177      ochotona_princeps_core_59_1e
## 7178      ochotona_princeps_core_60_1f
## 7179      ochotona_princeps_core_61_1g
## 7180      ochotona_princeps_core_62_1h
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## 7189      ochotona_princeps_core_71_1
## 7190      ochotona_princeps_core_72_1
## 7191      ochotona_princeps_core_73_1
## 7192      ochotona_princeps_core_74_1

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## 7193	ochotona_princeps_core_75_1
## 7194	ochotona_princeps_core_76_1
## 7195	ochotona_princeps_core_77_1
## 7196	ochotona_princeps_core_78_1
## 7197	ochotona_princeps_core_79_1
## 7198	ochotona_princeps_core_80_1
## 7199	ochotona_princeps_core_81_1
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## 7201	ochotona_princeps_core_83_1
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## 7203	ochotona_princeps_core_85_1
## 7204	ochotona_princeps_core_86_1
## 7205	ochotona_princeps_core_87_1
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## 7209	ochotona_princeps_core_91_1
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## 7212	ochotona_princeps_core_94_1
## 7213	ochotona_princeps_core_95_1
## 7214	ochotona_princeps_core_96_1
## 7215	ochotona_princeps_core_97_1
## 7216	ochotona_princeps_core_98_1
## 7217	ochotona_princeps_core_99_1
## 7218	octodon_degus_core_90_1
## 7219	octodon_degus_core_91_1
## 7220	octodon_degus_core_92_1
## 7221	octodon_degus_core_93_1
## 7222	octodon_degus_core_94_1
## 7223	octodon_degus_core_95_1
## 7224	octodon_degus_core_96_1
## 7225	octodon_degus_core_97_1
## 7226	octodon_degus_core_98_1
## 7227	octodon_degus_core_99_1
## 7228	octodon_degus_otherfeatures_90_1
## 7229	octodon_degus_otherfeatures_91_1
## 7230	octodon_degus_otherfeatures_92_1
## 7231	octodon_degus_otherfeatures_93_1
## 7232	octodon_degus_otherfeatures_94_1
## 7233	octodon_degus_otherfeatures_95_1
## 7234	octodon_degus_otherfeatures_96_1
## 7235	octodon_degus_otherfeatures_97_1
## 7236	octodon_degus_otherfeatures_98_1
## 7237	octodon_degus_otherfeatures_99_1
## 7238	oreochromis_aureus_core_99_1
## 7239	oreochromis_aureus_rnaseq_99_1
## 7240	oreochromis_niloticus_core_67_1
## 7241	oreochromis_niloticus_core_68_1
## 7242	oreochromis_niloticus_core_69_1
## 7243	oreochromis_niloticus_core_70_1
## 7244	oreochromis_niloticus_core_71_1
## 7245	oreochromis_niloticus_core_72_1
## 7246	oreochromis_niloticus_core_73_1

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## 7247 oreochromis_niloticus_core_74_1
## 7248 oreochromis_niloticus_core_75_1
## 7249 oreochromis_niloticus_core_76_1
## 7250 oreochromis_niloticus_core_77_1
## 7251 oreochromis_niloticus_core_78_1
## 7252 oreochromis_niloticus_core_79_1
## 7253 oreochromis_niloticus_core_80_1
## 7254 oreochromis_niloticus_core_81_1
## 7255 oreochromis_niloticus_core_82_1
## 7256 oreochromis_niloticus_core_83_1
## 7257 oreochromis_niloticus_core_84_1
## 7258 oreochromis_niloticus_core_85_1
## 7259 oreochromis_niloticus_core_86_1
## 7260 oreochromis_niloticus_core_87_1
## 7261 oreochromis_niloticus_core_88_1
## 7262 oreochromis_niloticus_core_89_1
## 7263 oreochromis_niloticus_core_90_1
## 7264 oreochromis_niloticus_core_91_1
## 7265 oreochromis_niloticus_core_92_1
## 7266 oreochromis_niloticus_core_93_1
## 7267 oreochromis_niloticus_core_94_1
## 7268 oreochromis_niloticus_core_95_1
## 7269 oreochromis_niloticus_core_96_1
## 7270 oreochromis_niloticus_core_97_1
## 7271 oreochromis_niloticus_core_98_1
## 7272 oreochromis_niloticus_core_99_3
## 7273 oreochromis_niloticus_otherfeatures_67_1
## 7274 oreochromis_niloticus_otherfeatures_68_1
## 7275 oreochromis_niloticus_otherfeatures_69_1
## 7276 oreochromis_niloticus_otherfeatures_70_1
## 7277 oreochromis_niloticus_otherfeatures_71_1
## 7278 oreochromis_niloticus_otherfeatures_72_1
## 7279 oreochromis_niloticus_otherfeatures_73_1
## 7280 oreochromis_niloticus_otherfeatures_74_1
## 7281 oreochromis_niloticus_otherfeatures_75_1
## 7282 oreochromis_niloticus_otherfeatures_76_1
## 7283 oreochromis_niloticus_otherfeatures_77_1
## 7284 oreochromis_niloticus_otherfeatures_78_1
## 7285 oreochromis_niloticus_otherfeatures_79_1
## 7286 oreochromis_niloticus_otherfeatures_80_1
## 7287 oreochromis_niloticus_otherfeatures_81_1
## 7288 oreochromis_niloticus_otherfeatures_82_1
## 7289 oreochromis_niloticus_otherfeatures_83_1
## 7290 oreochromis_niloticus_otherfeatures_84_1
## 7291 oreochromis_niloticus_otherfeatures_85_1
## 7292 oreochromis_niloticus_otherfeatures_86_1
## 7293 oreochromis_niloticus_otherfeatures_87_1
## 7294 oreochromis_niloticus_otherfeatures_88_1
## 7295 oreochromis_niloticus_otherfeatures_89_1
## 7296 oreochromis_niloticus_otherfeatures_90_1
## 7297 oreochromis_niloticus_otherfeatures_91_1
## 7298 oreochromis_niloticus_otherfeatures_92_1
## 7299 oreochromis_niloticus_otherfeatures_93_1
## 7300 oreochromis_niloticus_otherfeatures_94_1

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## 7301      oreochromis_niloticus_otherfeatures_95_1
## 7302      oreochromis_niloticus_otherfeatures_96_1
## 7303      oreochromis_niloticus_otherfeatures_97_1
## 7304      oreochromis_niloticus_otherfeatures_98_1
## 7305      oreochromis_niloticus_otherfeatures_99_3
## 7306      oreochromis_niloticus_rnaseq_67_1
## 7307      oreochromis_niloticus_rnaseq_68_1
## 7308      oreochromis_niloticus_rnaseq_69_1
## 7309      oreochromis_niloticus_rnaseq_70_1
## 7310      oreochromis_niloticus_rnaseq_71_1
## 7311      oreochromis_niloticus_rnaseq_72_1
## 7312      oreochromis_niloticus_rnaseq_73_1
## 7313      oreochromis_niloticus_rnaseq_74_1
## 7314      oreochromis_niloticus_rnaseq_75_1
## 7315      oreochromis_niloticus_rnaseq_76_1
## 7316      oreochromis_niloticus_rnaseq_77_1
## 7317      oreochromis_niloticus_rnaseq_78_1
## 7318      oreochromis_niloticus_rnaseq_79_1
## 7319      oreochromis_niloticus_rnaseq_80_1
## 7320      oreochromis_niloticus_rnaseq_81_1
## 7321      oreochromis_niloticus_rnaseq_82_1
## 7322      oreochromis_niloticus_rnaseq_83_1
## 7323      oreochromis_niloticus_rnaseq_84_1
## 7324      oreochromis_niloticus_rnaseq_85_1
## 7325      oreochromis_niloticus_rnaseq_86_1
## 7326      oreochromis_niloticus_rnaseq_87_1
## 7327      oreochromis_niloticus_rnaseq_88_1
## 7328      oreochromis_niloticus_rnaseq_89_1
## 7329      oreochromis_niloticus_rnaseq_90_1
## 7330      oreochromis_niloticus_rnaseq_91_1
## 7331      oreochromis_niloticus_rnaseq_92_1
## 7332      oreochromis_niloticus_rnaseq_93_1
## 7333      oreochromis_niloticus_rnaseq_94_1
## 7334      oreochromis_niloticus_rnaseq_95_1
## 7335      oreochromis_niloticus_rnaseq_96_1
## 7336      oreochromis_niloticus_rnaseq_97_1
## 7337      oreochromis_niloticus_rnaseq_98_1
## 7338      oreochromis_niloticus_rnaseq_99_3
## 7339      ornithorhynchus_anatinus_core_48_1e
## 7340      ornithorhynchus_anatinus_core_49_1f
## 7341      ornithorhynchus_anatinus_core_50_1g
## 7342      ornithorhynchus_anatinus_core_51_1h
## 7343      ornithorhynchus_anatinus_core_52_1i
## 7344      ornithorhynchus_anatinus_core_53_1j
## 7345      ornithorhynchus_anatinus_core_54_1j
## 7346      ornithorhynchus_anatinus_core_55_1k
## 7347      ornithorhynchus_anatinus_core_56_1k
## 7348      ornithorhynchus_anatinus_core_57_1k
## 7349      ornithorhynchus_anatinus_core_58_1l
## 7350      ornithorhynchus_anatinus_core_59_1m
## 7351      ornithorhynchus_anatinus_core_60_1n
## 7352      ornithorhynchus_anatinus_core_61_1o
## 7353      ornithorhynchus_anatinus_core_62_1p
## 7354      ornithorhynchus_anatinus_core_63_1

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## 7355      ornithorhynchus_anatinus_core_64_1
## 7356      ornithorhynchus_anatinus_core_65_1
## 7357      ornithorhynchus_anatinus_core_66_1
## 7358      ornithorhynchus_anatinus_core_67_1
## 7359      ornithorhynchus_anatinus_core_68_1
## 7360      ornithorhynchus_anatinus_core_69_1
## 7361      ornithorhynchus_anatinus_core_70_1
## 7362      ornithorhynchus_anatinus_core_71_1
## 7363      ornithorhynchus_anatinus_core_72_1
## 7364      ornithorhynchus_anatinus_core_73_1
## 7365      ornithorhynchus_anatinus_core_74_1
## 7366      ornithorhynchus_anatinus_core_75_1
## 7367      ornithorhynchus_anatinus_core_76_1
## 7368      ornithorhynchus_anatinus_core_77_1
## 7369      ornithorhynchus_anatinus_core_78_1
## 7370      ornithorhynchus_anatinus_core_79_1
## 7371      ornithorhynchus_anatinus_core_80_1
## 7372      ornithorhynchus_anatinus_core_81_1
## 7373      ornithorhynchus_anatinus_core_82_1
## 7374      ornithorhynchus_anatinus_core_83_1
## 7375      ornithorhynchus_anatinus_core_84_1
## 7376      ornithorhynchus_anatinus_core_85_1
## 7377      ornithorhynchus_anatinus_core_86_1
## 7378      ornithorhynchus_anatinus_core_87_1
## 7379      ornithorhynchus_anatinus_core_88_1
## 7380      ornithorhynchus_anatinus_core_89_1
## 7381      ornithorhynchus_anatinus_core_90_1
## 7382      ornithorhynchus_anatinus_core_91_1
## 7383      ornithorhynchus_anatinus_core_92_1
## 7384      ornithorhynchus_anatinus_core_93_1
## 7385      ornithorhynchus_anatinus_core_94_1
## 7386      ornithorhynchus_anatinus_core_95_1
## 7387      ornithorhynchus_anatinus_core_96_1
## 7388      ornithorhynchus_anatinus_core_97_1
## 7389      ornithorhynchus_anatinus_core_98_1
## 7390      ornithorhynchus_anatinus_core_99_1
## 7391      ornithorhynchus_anatinus_funcgen_55_1k
## 7392      ornithorhynchus_anatinus_funcgen_56_1k
## 7393      ornithorhynchus_anatinus_funcgen_57_1k
## 7394      ornithorhynchus_anatinus_funcgen_58_1l
## 7395      ornithorhynchus_anatinus_funcgen_59_1m
## 7396      ornithorhynchus_anatinus_funcgen_60_1n
## 7397      ornithorhynchus_anatinus_funcgen_61_1o
## 7398      ornithorhynchus_anatinus_funcgen_62_1p
## 7399      ornithorhynchus_anatinus_funcgen_63_1
## 7400      ornithorhynchus_anatinus_funcgen_64_1
## 7401      ornithorhynchus_anatinus_funcgen_65_1
## 7402      ornithorhynchus_anatinus_funcgen_66_1
## 7403      ornithorhynchus_anatinus_funcgen_67_1
## 7404      ornithorhynchus_anatinus_funcgen_68_1
## 7405      ornithorhynchus_anatinus_funcgen_69_1
## 7406      ornithorhynchus_anatinus_funcgen_70_1
## 7407      ornithorhynchus_anatinus_funcgen_71_1
## 7408      ornithorhynchus_anatinus_funcgen_72_1

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## 7409      ornithorhynchus_anatinus_funcgen_73_1
## 7410      ornithorhynchus_anatinus_funcgen_74_1
## 7411      ornithorhynchus_anatinus_funcgen_75_1
## 7412      ornithorhynchus_anatinus_funcgen_76_1
## 7413      ornithorhynchus_anatinus_funcgen_77_1
## 7414      ornithorhynchus_anatinus_funcgen_78_1
## 7415      ornithorhynchus_anatinus_funcgen_79_1
## 7416      ornithorhynchus_anatinus_funcgen_80_1
## 7417      ornithorhynchus_anatinus_funcgen_81_1
## 7418      ornithorhynchus_anatinus_funcgen_82_1
## 7419      ornithorhynchus_anatinus_funcgen_83_1
## 7420      ornithorhynchus_anatinus_funcgen_84_1
## 7421      ornithorhynchus_anatinus_funcgen_85_1
## 7422      ornithorhynchus_anatinus_funcgen_86_1
## 7423      ornithorhynchus_anatinus_funcgen_87_1
## 7424      ornithorhynchus_anatinus_funcgen_88_1
## 7425      ornithorhynchus_anatinus_funcgen_89_1
## 7426      ornithorhynchus_anatinus_funcgen_90_1
## 7427      ornithorhynchus_anatinus_funcgen_91_1
## 7428      ornithorhynchus_anatinus_funcgen_92_1
## 7429      ornithorhynchus_anatinus_funcgen_93_1
## 7430      ornithorhynchus_anatinus_funcgen_94_1
## 7431      ornithorhynchus_anatinus_funcgen_95_1
## 7432      ornithorhynchus_anatinus_funcgen_96_1
## 7433      ornithorhynchus_anatinus_funcgen_97_1
## 7434      ornithorhynchus_anatinus_funcgen_98_1
## 7435      ornithorhynchus_anatinus_funcgen_99_1
## 7436      ornithorhynchus_anatinus_otherfeatures_48_1e
## 7437      ornithorhynchus_anatinus_otherfeatures_49_1f
## 7438      ornithorhynchus_anatinus_otherfeatures_50_1g
## 7439      ornithorhynchus_anatinus_otherfeatures_51_1h
## 7440      ornithorhynchus_anatinus_otherfeatures_52_1i
## 7441      ornithorhynchus_anatinus_otherfeatures_53_1j
## 7442      ornithorhynchus_anatinus_otherfeatures_54_1j
## 7443      ornithorhynchus_anatinus_otherfeatures_55_1k
## 7444      ornithorhynchus_anatinus_otherfeatures_56_1k
## 7445      ornithorhynchus_anatinus_otherfeatures_57_1k
## 7446      ornithorhynchus_anatinus_otherfeatures_58_1l
## 7447      ornithorhynchus_anatinus_otherfeatures_59_1m
## 7448      ornithorhynchus_anatinus_otherfeatures_60_1n
## 7449      ornithorhynchus_anatinus_otherfeatures_61_1o
## 7450      ornithorhynchus_anatinus_otherfeatures_62_1p
## 7451      ornithorhynchus_anatinus_otherfeatures_63_1
## 7452      ornithorhynchus_anatinus_otherfeatures_64_1
## 7453      ornithorhynchus_anatinus_otherfeatures_65_1
## 7454      ornithorhynchus_anatinus_otherfeatures_66_1
## 7455      ornithorhynchus_anatinus_otherfeatures_67_1
## 7456      ornithorhynchus_anatinus_otherfeatures_68_1
## 7457      ornithorhynchus_anatinus_otherfeatures_69_1
## 7458      ornithorhynchus_anatinus_otherfeatures_70_1
## 7459      ornithorhynchus_anatinus_otherfeatures_71_1
## 7460      ornithorhynchus_anatinus_otherfeatures_72_1
## 7461      ornithorhynchus_anatinus_otherfeatures_73_1
## 7462      ornithorhynchus_anatinus_otherfeatures_74_1

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## 7463    ornithorhynchus_anatinus_otherfeatures_75_1
## 7464    ornithorhynchus_anatinus_otherfeatures_76_1
## 7465    ornithorhynchus_anatinus_otherfeatures_77_1
## 7466    ornithorhynchus_anatinus_otherfeatures_78_1
## 7467    ornithorhynchus_anatinus_otherfeatures_79_1
## 7468    ornithorhynchus_anatinus_otherfeatures_80_1
## 7469    ornithorhynchus_anatinus_otherfeatures_81_1
## 7470    ornithorhynchus_anatinus_otherfeatures_82_1
## 7471    ornithorhynchus_anatinus_otherfeatures_83_1
## 7472    ornithorhynchus_anatinus_otherfeatures_84_1
## 7473    ornithorhynchus_anatinus_otherfeatures_85_1
## 7474    ornithorhynchus_anatinus_otherfeatures_86_1
## 7475    ornithorhynchus_anatinus_otherfeatures_87_1
## 7476    ornithorhynchus_anatinus_otherfeatures_88_1
## 7477    ornithorhynchus_anatinus_otherfeatures_89_1
## 7478    ornithorhynchus_anatinus_otherfeatures_90_1
## 7479    ornithorhynchus_anatinus_otherfeatures_91_1
## 7480    ornithorhynchus_anatinus_otherfeatures_92_1
## 7481    ornithorhynchus_anatinus_otherfeatures_93_1
## 7482    ornithorhynchus_anatinus_otherfeatures_94_1
## 7483    ornithorhynchus_anatinus_otherfeatures_95_1
## 7484    ornithorhynchus_anatinus_otherfeatures_96_1
## 7485    ornithorhynchus_anatinus_otherfeatures_97_1
## 7486    ornithorhynchus_anatinus_otherfeatures_98_1
## 7487    ornithorhynchus_anatinus_otherfeatures_99_1
## 7488    ornithorhynchus_anatinus_rnaseq_69_1
## 7489    ornithorhynchus_anatinus_rnaseq_70_1
## 7490    ornithorhynchus_anatinus_rnaseq_71_1
## 7491    ornithorhynchus_anatinus_rnaseq_72_1
## 7492    ornithorhynchus_anatinus_rnaseq_73_1
## 7493    ornithorhynchus_anatinus_rnaseq_74_1
## 7494    ornithorhynchus_anatinus_rnaseq_75_1
## 7495    ornithorhynchus_anatinus_rnaseq_76_1
## 7496    ornithorhynchus_anatinus_rnaseq_77_1
## 7497    ornithorhynchus_anatinus_rnaseq_78_1
## 7498    ornithorhynchus_anatinus_rnaseq_79_1
## 7499    ornithorhynchus_anatinus_rnaseq_80_1
## 7500    ornithorhynchus_anatinus_rnaseq_81_1
## 7501    ornithorhynchus_anatinus_rnaseq_82_1
## 7502    ornithorhynchus_anatinus_rnaseq_83_1
## 7503    ornithorhynchus_anatinus_rnaseq_84_1
## 7504    ornithorhynchus_anatinus_rnaseq_85_1
## 7505    ornithorhynchus_anatinus_rnaseq_86_1
## 7506    ornithorhynchus_anatinus_rnaseq_87_1
## 7507    ornithorhynchus_anatinus_rnaseq_88_1
## 7508    ornithorhynchus_anatinus_rnaseq_89_1
## 7509    ornithorhynchus_anatinus_rnaseq_90_1
## 7510    ornithorhynchus_anatinus_rnaseq_91_1
## 7511    ornithorhynchus_anatinus_rnaseq_92_1
## 7512    ornithorhynchus_anatinus_rnaseq_93_1
## 7513    ornithorhynchus_anatinus_rnaseq_94_1
## 7514    ornithorhynchus_anatinus_rnaseq_95_1
## 7515    ornithorhynchus_anatinus_rnaseq_96_1
## 7516    ornithorhynchus_anatinus_rnaseq_97_1

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## 7517      ornithorhynchus_anatinus_rnaseq_98_1
## 7518      ornithorhynchus_anatinus_rnaseq_99_1
## 7519      ornithorhynchus_anatinus_variation_48_1e
## 7520      ornithorhynchus_anatinus_variation_49_1f
## 7521      ornithorhynchus_anatinus_variation_50_1g
## 7522      ornithorhynchus_anatinus_variation_51_1h
## 7523      ornithorhynchus_anatinus_variation_52_1i
## 7524      ornithorhynchus_anatinus_variation_53_1j
## 7525      ornithorhynchus_anatinus_variation_54_1j
## 7526      ornithorhynchus_anatinus_variation_55_1k
## 7527      ornithorhynchus_anatinus_variation_56_1k
## 7528      ornithorhynchus_anatinus_variation_57_1k
## 7529      ornithorhynchus_anatinus_variation_58_1l
## 7530      ornithorhynchus_anatinus_variation_59_1m
## 7531      ornithorhynchus_anatinus_variation_60_1n
## 7532      ornithorhynchus_anatinus_variation_61_1o
## 7533      ornithorhynchus_anatinus_variation_62_1p
## 7534      ornithorhynchus_anatinus_variation_63_1
## 7535      ornithorhynchus_anatinus_variation_64_1
## 7536      ornithorhynchus_anatinus_variation_65_1
## 7537      ornithorhynchus_anatinus_variation_66_1
## 7538      ornithorhynchus_anatinus_variation_67_1
## 7539      ornithorhynchus_anatinus_variation_68_1
## 7540      ornithorhynchus_anatinus_variation_69_1
## 7541      ornithorhynchus_anatinus_variation_70_1
## 7542      ornithorhynchus_anatinus_variation_71_1
## 7543      ornithorhynchus_anatinus_variation_72_1
## 7544      ornithorhynchus_anatinus_variation_73_1
## 7545      ornithorhynchus_anatinus_variation_74_1
## 7546      ornithorhynchus_anatinus_variation_75_1
## 7547      ornithorhynchus_anatinus_variation_76_1
## 7548      ornithorhynchus_anatinus_variation_77_1
## 7549      ornithorhynchus_anatinus_variation_78_1
## 7550      ornithorhynchus_anatinus_variation_79_1
## 7551      ornithorhynchus_anatinus_variation_80_1
## 7552      ornithorhynchus_anatinus_variation_81_1
## 7553      ornithorhynchus_anatinus_variation_82_1
## 7554      ornithorhynchus_anatinus_variation_83_1
## 7555      ornithorhynchus_anatinus_variation_84_1
## 7556      ornithorhynchus_anatinus_variation_85_1
## 7557      ornithorhynchus_anatinus_variation_86_1
## 7558      ornithorhynchus_anatinus_variation_87_1
## 7559      ornithorhynchus_anatinus_variation_88_1
## 7560      ornithorhynchus_anatinus_variation_89_1
## 7561      ornithorhynchus_anatinus_variation_90_1
## 7562      ornithorhynchus_anatinus_variation_91_1
## 7563      ornithorhynchus_anatinus_variation_92_1
## 7564      ornithorhynchus_anatinus_variation_93_1
## 7565      ornithorhynchus_anatinus_variation_94_1
## 7566      ornithorhynchus_anatinus_variation_95_1
## 7567      ornithorhynchus_anatinus_variation_96_1
## 7568      ornithorhynchus_anatinus_variation_97_1
## 7569      ornithorhynchus_anatinus_variation_98_1
## 7570      ornithorhynchus_anatinus_variation_99_1

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## 7571	oryctolagus_cuniculus_core_48_1e
## 7572	oryctolagus_cuniculus_core_49_1f
## 7573	oryctolagus_cuniculus_core_50_1g
## 7574	oryctolagus_cuniculus_core_51_1g
## 7575	oryctolagus_cuniculus_core_52_1h
## 7576	oryctolagus_cuniculus_core_53_1h
## 7577	oryctolagus_cuniculus_core_54_1h
## 7578	oryctolagus_cuniculus_core_55_1h
## 7579	oryctolagus_cuniculus_core_56_1h
## 7580	oryctolagus_cuniculus_core_57_2
## 7581	oryctolagus_cuniculus_core_58_2a
## 7582	oryctolagus_cuniculus_core_59_2b
## 7583	oryctolagus_cuniculus_core_60_3
## 7584	oryctolagus_cuniculus_core_61_3a
## 7585	oryctolagus_cuniculus_core_62_3b
## 7586	oryctolagus_cuniculus_core_63_3
## 7587	oryctolagus_cuniculus_core_64_3
## 7588	oryctolagus_cuniculus_core_65_3
## 7589	oryctolagus_cuniculus_core_66_3
## 7590	oryctolagus_cuniculus_core_67_3
## 7591	oryctolagus_cuniculus_core_68_3
## 7592	oryctolagus_cuniculus_core_69_3
## 7593	oryctolagus_cuniculus_core_70_3
## 7594	oryctolagus_cuniculus_core_71_3
## 7595	oryctolagus_cuniculus_core_72_3
## 7596	oryctolagus_cuniculus_core_73_2
## 7597	oryctolagus_cuniculus_core_74_2
## 7598	oryctolagus_cuniculus_core_75_2
## 7599	oryctolagus_cuniculus_core_76_2
## 7600	oryctolagus_cuniculus_core_77_2
## 7601	oryctolagus_cuniculus_core_78_2
## 7602	oryctolagus_cuniculus_core_79_2
## 7603	oryctolagus_cuniculus_core_80_2
## 7604	oryctolagus_cuniculus_core_81_2
## 7605	oryctolagus_cuniculus_core_82_2
## 7606	oryctolagus_cuniculus_core_83_2
## 7607	oryctolagus_cuniculus_core_84_2
## 7608	oryctolagus_cuniculus_core_85_2
## 7609	oryctolagus_cuniculus_core_86_2
## 7610	oryctolagus_cuniculus_core_87_2
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## 7615	oryctolagus_cuniculus_core_92_2
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## 7618	oryctolagus_cuniculus_core_95_2
## 7619	oryctolagus_cuniculus_core_96_2
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## 7621	oryctolagus_cuniculus_core_98_2
## 7622	oryctolagus_cuniculus_core_99_2
## 7623	oryctolagus_cuniculus_funcgen_70_3
## 7624	oryctolagus_cuniculus_funcgen_71_3

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## 7625      oryctolagus_cuniculus_funcgen_72_3
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## 7627      oryctolagus_cuniculus_funcgen_74_2
## 7628      oryctolagus_cuniculus_funcgen_75_2
## 7629      oryctolagus_cuniculus_funcgen_76_2
## 7630      oryctolagus_cuniculus_funcgen_77_2
## 7631      oryctolagus_cuniculus_funcgen_78_2
## 7632      oryctolagus_cuniculus_funcgen_79_2
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## 7651      oryctolagus_cuniculus_funcgen_98_2
## 7652      oryctolagus_cuniculus_funcgen_99_2
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## 7654      oryctolagus_cuniculus_otherfeatures_58_2a
## 7655      oryctolagus_cuniculus_otherfeatures_59_2b
## 7656      oryctolagus_cuniculus_otherfeatures_60_3
## 7657      oryctolagus_cuniculus_otherfeatures_61_3a
## 7658      oryctolagus_cuniculus_otherfeatures_62_3b
## 7659      oryctolagus_cuniculus_otherfeatures_63_3
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## 7678      oryctolagus_cuniculus_otherfeatures_82_2

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## 7679      oryctolagus_cuniculus_otherfeatures_83_2
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## 7724      oryzias_latipes_core_49_1e
## 7725      oryzias_latipes_core_50_1f
## 7726      oryzias_latipes_core_51_1g
## 7727      oryzias_latipes_core_52_1h
## 7728      oryzias_latipes_core_53_1i
## 7729      oryzias_latipes_core_54_1i
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## 7731      oryzias_latipes_core_56_1i
## 7732      oryzias_latipes_core_57_1i

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## 7733	oryzias_latipes_core_58_1j
## 7734	oryzias_latipes_core_59_1k
## 7735	oryzias_latipes_core_60_1l
## 7736	oryzias_latipes_core_61_1m
## 7737	oryzias_latipes_core_62_1n
## 7738	oryzias_latipes_core_63_1
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## 7782	oryzias_latipes_hni_rnaseq_95_1
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## 7785	oryzias_latipes_hni_rnaseq_98_1
## 7786	oryzias_latipes_hni_rnaseq_99_1


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## 7800      oryzias_latipes_otherfeatures_49_1e
## 7801      oryzias_latipes_otherfeatures_50_1f
## 7802      oryzias_latipes_otherfeatures_51_1g
## 7803      oryzias_latipes_otherfeatures_52_1h
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## 7811      oryzias_latipes_otherfeatures_60_1l
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## 7840      oryzias_latipes_otherfeatures_89_1

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## 7870      otolemur_garnettii_core_49_1c
## 7871      otolemur_garnettii_core_50_1d
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## 7873      otolemur_garnettii_core_52_1e
## 7874      otolemur_garnettii_core_53_1e
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## 7877      otolemur_garnettii_core_56_1e
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## 7879      otolemur_garnettii_core_58_1f
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## 7881      otolemur_garnettii_core_60_1h
## 7882      otolemur_garnettii_core_61_1i
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## 7894      otolemur_garnettii_core_73_3

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## 7991      ovis_aries_otherfeatures_83_31
## 7992      ovis_aries_otherfeatures_84_31
## 7993      ovis_aries_otherfeatures_85_31
## 7994      ovis_aries_otherfeatures_86_31
## 7995      ovis_aries_otherfeatures_87_31
## 7996      ovis_aries_otherfeatures_88_31
## 7997      ovis_aries_otherfeatures_89_31
## 7998      ovis_aries_otherfeatures_90_31
## 7999      ovis_aries_otherfeatures_91_31
## 8000      ovis_aries_otherfeatures_92_31
## 8001      ovis_aries_otherfeatures_93_31
## 8002      ovis_aries_otherfeatures_94_31

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## 8003      ovis_aries_otherfeatures_95_31
## 8004      ovis_aries_otherfeatures_96_31
## 8005      ovis_aries_otherfeatures_97_31
## 8006      ovis_aries_otherfeatures_98_31
## 8007      ovis_aries_otherfeatures_99_31
## 8008          ovis_aries_rnaseq_74_31
## 8009          ovis_aries_rnaseq_75_31
## 8010          ovis_aries_rnaseq_76_31
## 8011          ovis_aries_rnaseq_77_31
## 8012          ovis_aries_rnaseq_78_31
## 8013          ovis_aries_rnaseq_79_31
## 8014          ovis_aries_rnaseq_80_31
## 8015          ovis_aries_rnaseq_81_31
## 8016          ovis_aries_rnaseq_82_31
## 8017          ovis_aries_rnaseq_83_31
## 8018          ovis_aries_rnaseq_84_31
## 8019          ovis_aries_rnaseq_85_31
## 8020          ovis_aries_rnaseq_86_31
## 8021          ovis_aries_rnaseq_87_31
## 8022          ovis_aries_rnaseq_88_31
## 8023          ovis_aries_rnaseq_89_31
## 8024          ovis_aries_rnaseq_90_31
## 8025          ovis_aries_rnaseq_91_31
## 8026          ovis_aries_rnaseq_92_31
## 8027          ovis_aries_rnaseq_93_31
## 8028          ovis_aries_rnaseq_94_31
## 8029          ovis_aries_rnaseq_95_31
## 8030          ovis_aries_rnaseq_96_31
## 8031          ovis_aries_rnaseq_97_31
## 8032          ovis_aries_rnaseq_98_31
## 8033          ovis_aries_rnaseq_99_31
## 8034      ovis_aries_variation_74_31
## 8035      ovis_aries_variation_75_31
## 8036      ovis_aries_variation_76_31
## 8037      ovis_aries_variation_77_31
## 8038      ovis_aries_variation_78_31
## 8039      ovis_aries_variation_79_31
## 8040      ovis_aries_variation_80_31
## 8041      ovis_aries_variation_81_31
## 8042      ovis_aries_variation_82_31
## 8043      ovis_aries_variation_83_31
## 8044      ovis_aries_variation_84_31
## 8045      ovis_aries_variation_85_31
## 8046      ovis_aries_variation_86_31
## 8047      ovis_aries_variation_87_31
## 8048      ovis_aries_variation_88_31
## 8049      ovis_aries_variation_89_31
## 8050      ovis_aries_variation_90_31
## 8051      ovis_aries_variation_91_31
## 8052      ovis_aries_variation_92_31
## 8053      ovis_aries_variation_93_31
## 8054      ovis_aries_variation_94_31
## 8055      ovis_aries_variation_95_31
## 8056      ovis_aries_variation_96_31

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## 8057      ovis_aries_variation_97_31
## 8058      ovis_aries_variation_98_31
## 8059      ovis_aries_variation_99_31
## 8060      pan_paniscus_core_91_1
## 8061      pan_paniscus_core_92_1
## 8062      pan_paniscus_core_93_1
## 8063      pan_paniscus_core_94_1
## 8064      pan_paniscus_core_95_1
## 8065      pan_paniscus_core_96_1
## 8066      pan_paniscus_core_97_1
## 8067      pan_paniscus_core_98_1
## 8068      pan_paniscus_core_99_1
## 8069      pan_paniscus_funcgen_91_1
## 8070      pan_paniscus_funcgen_92_1
## 8071      pan_paniscus_funcgen_93_1
## 8072      pan_paniscus_funcgen_94_1
## 8073      pan_paniscus_funcgen_95_1
## 8074      pan_paniscus_funcgen_96_1
## 8075      pan_paniscus_funcgen_97_1
## 8076      pan_paniscus_funcgen_98_1
## 8077      pan_paniscus_funcgen_99_1
## 8078      pan_paniscus_otherfeatures_91_1
## 8079      pan_paniscus_otherfeatures_92_1
## 8080      pan_paniscus_otherfeatures_93_1
## 8081      pan_paniscus_otherfeatures_94_1
## 8082      pan_paniscus_otherfeatures_95_1
## 8083      pan_paniscus_otherfeatures_96_1
## 8084      pan_paniscus_otherfeatures_97_1
## 8085      pan_paniscus_otherfeatures_98_1
## 8086      pan_paniscus_otherfeatures_99_1
## 8087      pan_paniscus_rnaseq_91_1
## 8088      pan_paniscus_rnaseq_92_1
## 8089      pan_paniscus_rnaseq_93_1
## 8090      pan_paniscus_rnaseq_94_1
## 8091      pan_paniscus_rnaseq_95_1
## 8092      pan_paniscus_rnaseq_96_1
## 8093      pan_paniscus_rnaseq_97_1
## 8094      pan_paniscus_rnaseq_98_1
## 8095      pan_paniscus_rnaseq_99_1
## 8096      pan_troglodytes_core_48_21g
## 8097      pan_troglodytes_core_49_21h
## 8098      pan_troglodytes_core_50_21i
## 8099      pan_troglodytes_core_51_21i
## 8100      pan_troglodytes_core_52_21j
## 8101      pan_troglodytes_core_53_21j
## 8102      pan_troglodytes_core_54_21k
## 8103      pan_troglodytes_core_55_21l
## 8104      pan_troglodytes_core_56_21l
## 8105      pan_troglodytes_core_57_21l
## 8106      pan_troglodytes_core_58_21m
## 8107      pan_troglodytes_core_59_21n
## 8108      pan_troglodytes_core_60_21o
## 8109      pan_troglodytes_core_61_21p
## 8110      pan_troglodytes_core_62_21q

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## 8111      pan_troglodytes_core_63_21
## 8112      pan_troglodytes_core_64_21
## 8113      pan_troglodytes_core_65_214
## 8114      pan_troglodytes_core_66_214
## 8115      pan_troglodytes_core_67_214
## 8116      pan_troglodytes_core_68_214
## 8117      pan_troglodytes_core_69_214
## 8118      pan_troglodytes_core_70_214
## 8119      pan_troglodytes_core_71_214
## 8120      pan_troglodytes_core_72_214
## 8121      pan_troglodytes_core_73_214
## 8122      pan_troglodytes_core_74_214
## 8123      pan_troglodytes_core_75_214
## 8124      pan_troglodytes_core_76_214
## 8125      pan_troglodytes_core_77_214
## 8126      pan_troglodytes_core_78_214
## 8127      pan_troglodytes_core_79_214
## 8128      pan_troglodytes_core_80_214
## 8129      pan_troglodytes_core_81_214
## 8130      pan_troglodytes_core_82_214
## 8131      pan_troglodytes_core_83_214
## 8132      pan_troglodytes_core_84_214
## 8133      pan_troglodytes_core_85_214
## 8134      pan_troglodytes_core_86_214
## 8135      pan_troglodytes_core_87_214
## 8136      pan_troglodytes_core_88_214
## 8137      pan_troglodytes_core_89_214
## 8138      pan_troglodytes_core_90_214
## 8139      pan_troglodytes_core_91_3
## 8140      pan_troglodytes_core_92_3
## 8141      pan_troglodytes_core_93_3
## 8142      pan_troglodytes_core_94_3
## 8143      pan_troglodytes_core_95_3
## 8144      pan_troglodytes_core_96_3
## 8145      pan_troglodytes_core_97_3
## 8146      pan_troglodytes_core_98_3
## 8147      pan_troglodytes_core_99_3
## 8148      pan_troglodytes_funcgen_55_211
## 8149      pan_troglodytes_funcgen_56_211
## 8150      pan_troglodytes_funcgen_57_211
## 8151      pan_troglodytes_funcgen_58_21m
## 8152      pan_troglodytes_funcgen_59_21n
## 8153      pan_troglodytes_funcgen_60_21o
## 8154      pan_troglodytes_funcgen_61_21p
## 8155      pan_troglodytes_funcgen_62_21q
## 8156      pan_troglodytes_funcgen_63_21
## 8157      pan_troglodytes_funcgen_64_21
## 8158      pan_troglodytes_funcgen_65_214
## 8159      pan_troglodytes_funcgen_66_214
## 8160      pan_troglodytes_funcgen_67_214
## 8161      pan_troglodytes_funcgen_68_214
## 8162      pan_troglodytes_funcgen_69_214
## 8163      pan_troglodytes_funcgen_70_214
## 8164      pan_troglodytes_funcgen_71_214

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## 8165      pan_troglodytes_funcgen_72_214
## 8166      pan_troglodytes_funcgen_73_214
## 8167      pan_troglodytes_funcgen_74_214
## 8168      pan_troglodytes_funcgen_75_214
## 8169      pan_troglodytes_funcgen_76_214
## 8170      pan_troglodytes_funcgen_77_214
## 8171      pan_troglodytes_funcgen_78_214
## 8172      pan_troglodytes_funcgen_79_214
## 8173      pan_troglodytes_funcgen_80_214
## 8174      pan_troglodytes_funcgen_81_214
## 8175      pan_troglodytes_funcgen_82_214
## 8176      pan_troglodytes_funcgen_83_214
## 8177      pan_troglodytes_funcgen_84_214
## 8178      pan_troglodytes_funcgen_85_214
## 8179      pan_troglodytes_funcgen_86_214
## 8180      pan_troglodytes_funcgen_87_214
## 8181      pan_troglodytes_funcgen_88_214
## 8182      pan_troglodytes_funcgen_89_214
## 8183      pan_troglodytes_funcgen_90_214
## 8184      pan_troglodytes_funcgen_91_3
## 8185      pan_troglodytes_funcgen_92_3
## 8186      pan_troglodytes_funcgen_93_3
## 8187      pan_troglodytes_funcgen_94_3
## 8188      pan_troglodytes_funcgen_95_3
## 8189      pan_troglodytes_funcgen_96_3
## 8190      pan_troglodytes_funcgen_97_3
## 8191      pan_troglodytes_funcgen_98_3
## 8192      pan_troglodytes_funcgen_99_3
## 8193      pan_troglodytes_otherfeatures_48_21g
## 8194      pan_troglodytes_otherfeatures_49_21h
## 8195      pan_troglodytes_otherfeatures_50_21i
## 8196      pan_troglodytes_otherfeatures_51_21i
## 8197      pan_troglodytes_otherfeatures_52_21j
## 8198      pan_troglodytes_otherfeatures_53_21j
## 8199      pan_troglodytes_otherfeatures_54_21k
## 8200      pan_troglodytes_otherfeatures_55_21l
## 8201      pan_troglodytes_otherfeatures_56_21l
## 8202      pan_troglodytes_otherfeatures_57_21l
## 8203      pan_troglodytes_otherfeatures_58_21m
## 8204      pan_troglodytes_otherfeatures_59_21n
## 8205      pan_troglodytes_otherfeatures_60_21o
## 8206      pan_troglodytes_otherfeatures_61_21p
## 8207      pan_troglodytes_otherfeatures_62_21q
## 8208      pan_troglodytes_otherfeatures_63_21
## 8209      pan_troglodytes_otherfeatures_64_21
## 8210      pan_troglodytes_otherfeatures_65_214
## 8211      pan_troglodytes_otherfeatures_66_214
## 8212      pan_troglodytes_otherfeatures_67_214
## 8213      pan_troglodytes_otherfeatures_68_214
## 8214      pan_troglodytes_otherfeatures_69_214
## 8215      pan_troglodytes_otherfeatures_70_214
## 8216      pan_troglodytes_otherfeatures_71_214
## 8217      pan_troglodytes_otherfeatures_72_214
## 8218      pan_troglodytes_otherfeatures_73_214

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## 8219      pan_troglodytes_otherfeatures_74_214
## 8220      pan_troglodytes_otherfeatures_75_214
## 8221      pan_troglodytes_otherfeatures_76_214
## 8222      pan_troglodytes_otherfeatures_77_214
## 8223      pan_troglodytes_otherfeatures_78_214
## 8224      pan_troglodytes_otherfeatures_79_214
## 8225      pan_troglodytes_otherfeatures_80_214
## 8226      pan_troglodytes_otherfeatures_81_214
## 8227      pan_troglodytes_otherfeatures_82_214
## 8228      pan_troglodytes_otherfeatures_83_214
## 8229      pan_troglodytes_otherfeatures_84_214
## 8230      pan_troglodytes_otherfeatures_85_214
## 8231      pan_troglodytes_otherfeatures_86_214
## 8232      pan_troglodytes_otherfeatures_87_214
## 8233      pan_troglodytes_otherfeatures_88_214
## 8234      pan_troglodytes_otherfeatures_89_214
## 8235      pan_troglodytes_otherfeatures_90_214
## 8236      pan_troglodytes_otherfeatures_91_3
## 8237      pan_troglodytes_otherfeatures_92_3
## 8238      pan_troglodytes_otherfeatures_93_3
## 8239      pan_troglodytes_otherfeatures_94_3
## 8240      pan_troglodytes_otherfeatures_95_3
## 8241      pan_troglodytes_otherfeatures_96_3
## 8242      pan_troglodytes_otherfeatures_97_3
## 8243      pan_troglodytes_otherfeatures_98_3
## 8244      pan_troglodytes_otherfeatures_99_3
## 8245      pan_troglodytes_rnaseq_66_214
## 8246      pan_troglodytes_rnaseq_67_214
## 8247      pan_troglodytes_rnaseq_68_214
## 8248      pan_troglodytes_rnaseq_69_214
## 8249      pan_troglodytes_rnaseq_70_214
## 8250      pan_troglodytes_rnaseq_71_214
## 8251      pan_troglodytes_rnaseq_72_214
## 8252      pan_troglodytes_rnaseq_73_214
## 8253      pan_troglodytes_rnaseq_74_214
## 8254      pan_troglodytes_rnaseq_75_214
## 8255      pan_troglodytes_rnaseq_76_214
## 8256      pan_troglodytes_rnaseq_77_214
## 8257      pan_troglodytes_rnaseq_78_214
## 8258      pan_troglodytes_rnaseq_79_214
## 8259      pan_troglodytes_rnaseq_80_214
## 8260      pan_troglodytes_rnaseq_81_214
## 8261      pan_troglodytes_rnaseq_82_214
## 8262      pan_troglodytes_rnaseq_83_214
## 8263      pan_troglodytes_rnaseq_84_214
## 8264      pan_troglodytes_rnaseq_85_214
## 8265      pan_troglodytes_rnaseq_86_214
## 8266      pan_troglodytes_rnaseq_87_214
## 8267      pan_troglodytes_rnaseq_88_214
## 8268      pan_troglodytes_rnaseq_89_214
## 8269      pan_troglodytes_rnaseq_90_214
## 8270      pan_troglodytes_rnaseq_91_3
## 8271      pan_troglodytes_rnaseq_92_3
## 8272      pan_troglodytes_rnaseq_93_3

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## 8273          pan_troglodytes_rnaseq_94_3
## 8274          pan_troglodytes_rnaseq_95_3
## 8275          pan_troglodytes_rnaseq_96_3
## 8276          pan_troglodytes_rnaseq_97_3
## 8277          pan_troglodytes_rnaseq_98_3
## 8278          pan_troglodytes_rnaseq_99_3
## 8279          pan_troglodytes_variation_48_21g
## 8280          pan_troglodytes_variation_49_21h
## 8281          pan_troglodytes_variation_50_21i
## 8282          pan_troglodytes_variation_51_21i
## 8283          pan_troglodytes_variation_52_21j
## 8284          pan_troglodytes_variation_53_21j
## 8285          pan_troglodytes_variation_54_21k
## 8286          pan_troglodytes_variation_55_21l
## 8287          pan_troglodytes_variation_56_21l
## 8288          pan_troglodytes_variation_57_21l
## 8289          pan_troglodytes_variation_58_21m
## 8290          pan_troglodytes_variation_59_21n
## 8291          pan_troglodytes_variation_60_21o
## 8292          pan_troglodytes_variation_61_21p
## 8293          pan_troglodytes_variation_62_21q
## 8294          pan_troglodytes_variation_63_21
## 8295          pan_troglodytes_variation_64_21
## 8296          pan_troglodytes_variation_65_21a
## 8297          pan_troglodytes_variation_66_21a
## 8298          pan_troglodytes_variation_67_21a
## 8299          pan_troglodytes_variation_68_21a
## 8300          pan_troglodytes_variation_69_21a
## 8301          pan_troglodytes_variation_70_21a
## 8302          pan_troglodytes_variation_71_21a
## 8303          pan_troglodytes_variation_72_21a
## 8304          pan_troglodytes_variation_73_21a
## 8305          pan_troglodytes_variation_74_21a
## 8306          pan_troglodytes_variation_75_21a
## 8307          pan_troglodytes_variation_76_21a
## 8308          pan_troglodytes_variation_77_21a
## 8309          pan_troglodytes_variation_78_21a
## 8310          pan_troglodytes_variation_79_21a
## 8311          pan_troglodytes_variation_80_21a
## 8312          pan_troglodytes_variation_81_21a
## 8313          pan_troglodytes_variation_82_21a
## 8314          pan_troglodytes_variation_83_21a
## 8315          pan_troglodytes_variation_84_21a
## 8316          pan_troglodytes_variation_85_21a
## 8317          pan_troglodytes_variation_86_21a
## 8318          pan_troglodytes_variation_87_21a
## 8319          pan_troglodytes_variation_88_21a
## 8320          pan_troglodytes_variation_89_21a
## 8321          pan_troglodytes_variation_90_21a
## 8322          pan_troglodytes_variation_91_3
## 8323          pan_troglodytes_variation_92_3
## 8324          pan_troglodytes_variation_93_3
## 8325          pan_troglodytes_variation_94_3
## 8326          pan_troglodytes_variation_95_3

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## 8327         pan_troglodytes_variation_96_3
## 8328         pan_troglodytes_variation_97_3
## 8329         pan_troglodytes_variation_98_3
## 8330         pan_troglodytes_variation_99_3
## 8331             panthera_pardus_core_93_1
## 8332             panthera_pardus_core_94_1
## 8333             panthera_pardus_core_95_1
## 8334             panthera_pardus_core_96_1
## 8335             panthera_pardus_core_97_1
## 8336             panthera_pardus_core_98_1
## 8337             panthera_pardus_core_99_1
## 8338         panthera_pardus_otherfeatures_93_1
## 8339         panthera_pardus_otherfeatures_94_1
## 8340         panthera_pardus_otherfeatures_95_1
## 8341         panthera_pardus_otherfeatures_96_1
## 8342         panthera_pardus_otherfeatures_97_1
## 8343         panthera_pardus_otherfeatures_98_1
## 8344         panthera_pardus_otherfeatures_99_1
## 8345             panthera_tigris_altaica_core_93_1
## 8346             panthera_tigris_altaica_core_94_1
## 8347             panthera_tigris_altaica_core_95_1
## 8348             panthera_tigris_altaica_core_96_1
## 8349             panthera_tigris_altaica_core_97_1
## 8350             panthera_tigris_altaica_core_98_1
## 8351             panthera_tigris_altaica_core_99_1
## 8352         panthera_tigris_altaica_otherfeatures_93_1
## 8353         panthera_tigris_altaica_otherfeatures_94_1
## 8354         panthera_tigris_altaica_otherfeatures_95_1
## 8355         panthera_tigris_altaica_otherfeatures_96_1
## 8356         panthera_tigris_altaica_otherfeatures_97_1
## 8357         panthera_tigris_altaica_otherfeatures_98_1
## 8358         panthera_tigris_altaica_otherfeatures_99_1
## 8359             panthera_tigris_altaica_rnaseq_93_1
## 8360             panthera_tigris_altaica_rnaseq_94_1
## 8361             panthera_tigris_altaica_rnaseq_95_1
## 8362             panthera_tigris_altaica_rnaseq_96_1
## 8363             panthera_tigris_altaica_rnaseq_97_1
## 8364             panthera_tigris_altaica_rnaseq_98_1
## 8365             panthera_tigris_altaica_rnaseq_99_1
## 8366                 papio_anubis_core_76_2
## 8367                 papio_anubis_core_77_2
## 8368                 papio_anubis_core_78_2
## 8369                 papio_anubis_core_79_2
## 8370                 papio_anubis_core_80_2
## 8371                 papio_anubis_core_81_2
## 8372                 papio_anubis_core_82_2
## 8373                 papio_anubis_core_83_2
## 8374                 papio_anubis_core_84_2
## 8375                 papio_anubis_core_85_2
## 8376                 papio_anubis_core_86_2
## 8377                 papio_anubis_core_87_2
## 8378                 papio_anubis_core_88_2
## 8379                 papio_anubis_core_89_2
## 8380                 papio_anubis_core_90_2

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## 8381         papio_anubis_core_91_3
## 8382         papio_anubis_core_92_3
## 8383         papio_anubis_core_93_3
## 8384         papio_anubis_core_94_3
## 8385         papio_anubis_core_95_3
## 8386         papio_anubis_core_96_3
## 8387         papio_anubis_core_97_3
## 8388         papio_anubis_core_98_3
## 8389         papio_anubis_core_99_3
## 8390         papio_anubis_funcgen_91_3
## 8391         papio_anubis_funcgen_92_3
## 8392         papio_anubis_funcgen_93_3
## 8393         papio_anubis_funcgen_94_3
## 8394         papio_anubis_funcgen_95_3
## 8395         papio_anubis_funcgen_96_3
## 8396         papio_anubis_funcgen_97_3
## 8397         papio_anubis_funcgen_98_3
## 8398         papio_anubis_funcgen_99_3
## 8399         papio_anubis_otherfeatures_76_2
## 8400         papio_anubis_otherfeatures_77_2
## 8401         papio_anubis_otherfeatures_78_2
## 8402         papio_anubis_otherfeatures_79_2
## 8403         papio_anubis_otherfeatures_80_2
## 8404         papio_anubis_otherfeatures_81_2
## 8405         papio_anubis_otherfeatures_82_2
## 8406         papio_anubis_otherfeatures_83_2
## 8407         papio_anubis_otherfeatures_84_2
## 8408         papio_anubis_otherfeatures_85_2
## 8409         papio_anubis_otherfeatures_86_2
## 8410         papio_anubis_otherfeatures_87_2
## 8411         papio_anubis_otherfeatures_88_2
## 8412         papio_anubis_otherfeatures_89_2
## 8413         papio_anubis_otherfeatures_90_2
## 8414         papio_anubis_otherfeatures_91_3
## 8415         papio_anubis_otherfeatures_92_3
## 8416         papio_anubis_otherfeatures_93_3
## 8417         papio_anubis_otherfeatures_94_3
## 8418         papio_anubis_otherfeatures_95_3
## 8419         papio_anubis_otherfeatures_96_3
## 8420         papio_anubis_otherfeatures_97_3
## 8421         papio_anubis_otherfeatures_98_3
## 8422         papio_anubis_otherfeatures_99_3
## 8423         papio_anubis_rnaseq_76_2
## 8424         papio_anubis_rnaseq_77_2
## 8425         papio_anubis_rnaseq_78_2
## 8426         papio_anubis_rnaseq_79_2
## 8427         papio_anubis_rnaseq_80_2
## 8428         papio_anubis_rnaseq_81_2
## 8429         papio_anubis_rnaseq_82_2
## 8430         papio_anubis_rnaseq_83_2
## 8431         papio_anubis_rnaseq_84_2
## 8432         papio_anubis_rnaseq_85_2
## 8433         papio_anubis_rnaseq_86_2
## 8434         papio_anubis_rnaseq_87_2

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## 8435          papio_anubis_rnaseq_88_2
## 8436          papio_anubis_rnaseq_89_2
## 8437          papio_anubis_rnaseq_90_2
## 8438          papio_anubis_rnaseq_91_3
## 8439          papio_anubis_rnaseq_92_3
## 8440          papio_anubis_rnaseq_93_3
## 8441          papio_anubis_rnaseq_94_3
## 8442          papio_anubis_rnaseq_95_3
## 8443          papio_anubis_rnaseq_96_3
## 8444          papio_anubis_rnaseq_97_3
## 8445          papio_anubis_rnaseq_98_3
## 8446          papio_anubis_rnaseq_99_3
## 8447          parambassis_ranga_core_98_21
## 8448          parambassis_ranga_core_99_21
## 8449          parambassis_ranga_otherfeatures_98_21
## 8450          parambassis_ranga_otherfeatures_99_21
## 8451          parambassis_ranga_rnaseq_98_21
## 8452          parambassis_ranga_rnaseq_99_21
## 8453          paramormyrops_kingsleyae_core_94_1
## 8454          paramormyrops_kingsleyae_core_95_1
## 8455          paramormyrops_kingsleyae_core_96_1
## 8456          paramormyrops_kingsleyae_core_97_1
## 8457          paramormyrops_kingsleyae_core_98_1
## 8458          paramormyrops_kingsleyae_core_99_1
## 8459          paramormyrops_kingsleyae_rnaseq_94_1
## 8460          paramormyrops_kingsleyae_rnaseq_95_1
## 8461          paramormyrops_kingsleyae_rnaseq_96_1
## 8462          paramormyrops_kingsleyae_rnaseq_97_1
## 8463          paramormyrops_kingsleyae_rnaseq_98_1
## 8464          paramormyrops_kingsleyae_rnaseq_99_1
## 8465          parus_major_core_96_1
## 8466          parus_major_core_97_1
## 8467          parus_major_core_98_1
## 8468          parus_major_core_99_1
## 8469          parus_major_otherfeatures_96_1
## 8470          parus_major_otherfeatures_97_1
## 8471          parus_major_otherfeatures_98_1
## 8472          parus_major_otherfeatures_99_1
## 8473          parus_major_rnaseq_96_1
## 8474          parus_major_rnaseq_97_1
## 8475          parus_major_rnaseq_98_1
## 8476          parus_major_rnaseq_99_1
## 8477          pavo_cristatus_core_99_1
## 8478          pavo_cristatus_rnaseq_99_1
## 8479          pelodiscus_sinensis_core_68_1
## 8480          pelodiscus_sinensis_core_69_1
## 8481          pelodiscus_sinensis_core_70_1
## 8482          pelodiscus_sinensis_core_71_1
## 8483          pelodiscus_sinensis_core_72_1
## 8484          pelodiscus_sinensis_core_73_1
## 8485          pelodiscus_sinensis_core_74_1
## 8486          pelodiscus_sinensis_core_75_1
## 8487          pelodiscus_sinensis_core_76_1
## 8488          pelodiscus_sinensis_core_77_1

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## 8489          pelodiscus_sinensis_core_78_1
## 8490          pelodiscus_sinensis_core_79_1
## 8491          pelodiscus_sinensis_core_80_1
## 8492          pelodiscus_sinensis_core_81_1
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## 8494          pelodiscus_sinensis_core_83_1
## 8495          pelodiscus_sinensis_core_84_1
## 8496          pelodiscus_sinensis_core_85_1
## 8497          pelodiscus_sinensis_core_86_1
## 8498          pelodiscus_sinensis_core_87_1
## 8499          pelodiscus_sinensis_core_88_1
## 8500          pelodiscus_sinensis_core_89_1
## 8501          pelodiscus_sinensis_core_90_1
## 8502          pelodiscus_sinensis_core_91_1
## 8503          pelodiscus_sinensis_core_92_1
## 8504          pelodiscus_sinensis_core_93_1
## 8505          pelodiscus_sinensis_core_94_1
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## 8507          pelodiscus_sinensis_core_96_1
## 8508          pelodiscus_sinensis_core_97_1
## 8509          pelodiscus_sinensis_core_98_1
## 8510          pelodiscus_sinensis_core_99_1
## 8511  pelodiscus_sinensis_otherfeatures_68_1
## 8512  pelodiscus_sinensis_otherfeatures_69_1
## 8513  pelodiscus_sinensis_otherfeatures_70_1
## 8514  pelodiscus_sinensis_otherfeatures_71_1
## 8515  pelodiscus_sinensis_otherfeatures_72_1
## 8516  pelodiscus_sinensis_otherfeatures_73_1
## 8517  pelodiscus_sinensis_otherfeatures_74_1
## 8518  pelodiscus_sinensis_otherfeatures_75_1
## 8519  pelodiscus_sinensis_otherfeatures_76_1
## 8520  pelodiscus_sinensis_otherfeatures_77_1
## 8521  pelodiscus_sinensis_otherfeatures_78_1
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## 8529  pelodiscus_sinensis_otherfeatures_86_1
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## 8539  pelodiscus_sinensis_otherfeatures_96_1
## 8540  pelodiscus_sinensis_otherfeatures_97_1
## 8541  pelodiscus_sinensis_otherfeatures_98_1
## 8542  pelodiscus_sinensis_otherfeatures_99_1

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## 8543 pelodiscus_sinensis_rnaseq_68_1
## 8544 pelodiscus_sinensis_rnaseq_69_1
## 8545 pelodiscus_sinensis_rnaseq_70_1
## 8546 pelodiscus_sinensis_rnaseq_71_1
## 8547 pelodiscus_sinensis_rnaseq_72_1
## 8548 pelodiscus_sinensis_rnaseq_73_1
## 8549 pelodiscus_sinensis_rnaseq_74_1
## 8550 pelodiscus_sinensis_rnaseq_75_1
## 8551 pelodiscus_sinensis_rnaseq_76_1
## 8552 pelodiscus_sinensis_rnaseq_77_1
## 8553 pelodiscus_sinensis_rnaseq_78_1
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## 8557 pelodiscus_sinensis_rnaseq_82_1
## 8558 pelodiscus_sinensis_rnaseq_83_1
## 8559 pelodiscus_sinensis_rnaseq_84_1
## 8560 pelodiscus_sinensis_rnaseq_85_1
## 8561 pelodiscus_sinensis_rnaseq_86_1
## 8562 pelodiscus_sinensis_rnaseq_87_1
## 8563 pelodiscus_sinensis_rnaseq_88_1
## 8564 pelodiscus_sinensis_rnaseq_89_1
## 8565 pelodiscus_sinensis_rnaseq_90_1
## 8566 pelodiscus_sinensis_rnaseq_91_1
## 8567 pelodiscus_sinensis_rnaseq_92_1
## 8568 pelodiscus_sinensis_rnaseq_93_1
## 8569 pelodiscus_sinensis_rnaseq_94_1
## 8570 pelodiscus_sinensis_rnaseq_95_1
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## 8573 pelodiscus_sinensis_rnaseq_98_1
## 8574 pelodiscus_sinensis_rnaseq_99_1
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## 8576 periophthalmus_magnuspinnatus_core_94_1
## 8577 periophthalmus_magnuspinnatus_core_95_1
## 8578 periophthalmus_magnuspinnatus_core_96_1
## 8579 periophthalmus_magnuspinnatus_core_97_1
## 8580 periophthalmus_magnuspinnatus_core_98_1
## 8581 periophthalmus_magnuspinnatus_core_99_1
## 8582 peromyscus_maniculatus_bairdii_core_90_10
## 8583 peromyscus_maniculatus_bairdii_core_91_10
## 8584 peromyscus_maniculatus_bairdii_core_92_10
## 8585 peromyscus_maniculatus_bairdii_core_93_10
## 8586 peromyscus_maniculatus_bairdii_core_94_10
## 8587 peromyscus_maniculatus_bairdii_core_95_10
## 8588 peromyscus_maniculatus_bairdii_core_96_21
## 8589 peromyscus_maniculatus_bairdii_core_97_21
## 8590 peromyscus_maniculatus_bairdii_core_98_21
## 8591 peromyscus_maniculatus_bairdii_core_99_21
## 8592 peromyscus_maniculatus_bairdii_otherfeatures_91_10
## 8593 peromyscus_maniculatus_bairdii_otherfeatures_92_10
## 8594 peromyscus_maniculatus_bairdii_otherfeatures_93_10
## 8595 peromyscus_maniculatus_bairdii_otherfeatures_94_10
## 8596 peromyscus_maniculatus_bairdii_otherfeatures_95_10

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## 8597	petromyzon_marinus_core_64_7
## 8598	petromyzon_marinus_core_65_7
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## 8601	petromyzon_marinus_core_68_7
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## 8603	petromyzon_marinus_core_70_7
## 8604	petromyzon_marinus_core_71_7
## 8605	petromyzon_marinus_core_72_7
## 8606	petromyzon_marinus_core_73_7
## 8607	petromyzon_marinus_core_74_7
## 8608	petromyzon_marinus_core_75_7
## 8609	petromyzon_marinus_core_76_7
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## 8612	petromyzon_marinus_core_79_7
## 8613	petromyzon_marinus_core_80_7
## 8614	petromyzon_marinus_core_81_7
## 8615	petromyzon_marinus_core_82_7
## 8616	petromyzon_marinus_core_83_7
## 8617	petromyzon_marinus_core_84_7
## 8618	petromyzon_marinus_core_85_7
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## 8623	petromyzon_marinus_core_90_7
## 8624	petromyzon_marinus_core_91_7
## 8625	petromyzon_marinus_core_92_7
## 8626	petromyzon_marinus_core_93_7
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## 8628	petromyzon_marinus_core_95_7
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## 8630	petromyzon_marinus_core_97_7
## 8631	petromyzon_marinus_core_98_7
## 8632	petromyzon_marinus_core_99_7
## 8633	petromyzon_marinus_otherfeatures_64_7
## 8634	petromyzon_marinus_otherfeatures_65_7
## 8635	petromyzon_marinus_otherfeatures_66_7
## 8636	petromyzon_marinus_otherfeatures_67_7
## 8637	petromyzon_marinus_otherfeatures_68_7
## 8638	petromyzon_marinus_otherfeatures_69_7
## 8639	petromyzon_marinus_otherfeatures_70_7
## 8640	petromyzon_marinus_otherfeatures_71_7
## 8641	petromyzon_marinus_otherfeatures_72_7
## 8642	petromyzon_marinus_otherfeatures_73_7
## 8643	petromyzon_marinus_otherfeatures_74_7
## 8644	petromyzon_marinus_otherfeatures_75_7
## 8645	petromyzon_marinus_otherfeatures_76_7
## 8646	petromyzon_marinus_otherfeatures_77_7
## 8647	petromyzon_marinus_otherfeatures_78_7
## 8648	petromyzon_marinus_otherfeatures_79_7
## 8649	petromyzon_marinus_otherfeatures_80_7
## 8650	petromyzon_marinus_otherfeatures_81_7

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 ## 8652 petromyzon_marinus_otherfeatures_83_7
 ## 8653 petromyzon_marinus_otherfeatures_84_7
 ## 8654 petromyzon_marinus_otherfeatures_85_7
 ## 8655 petromyzon_marinus_otherfeatures_86_7
 ## 8656 petromyzon_marinus_otherfeatures_87_7
 ## 8657 petromyzon_marinus_otherfeatures_88_7
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 ## 8659 petromyzon_marinus_otherfeatures_90_7
 ## 8660 petromyzon_marinus_otherfeatures_91_7
 ## 8661 petromyzon_marinus_otherfeatures_92_7
 ## 8662 petromyzon_marinus_otherfeatures_93_7
 ## 8663 petromyzon_marinus_otherfeatures_94_7
 ## 8664 petromyzon_marinus_otherfeatures_95_7
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 ## 8666 petromyzon_marinus_otherfeatures_97_7
 ## 8667 petromyzon_marinus_otherfeatures_98_7
 ## 8668 petromyzon_marinus_otherfeatures_99_7
 ## 8669 phascolarctos_cinereus_core_95_2
 ## 8670 phascolarctos_cinereus_core_96_41
 ## 8671 phascolarctos_cinereus_core_97_41
 ## 8672 phascolarctos_cinereus_core_98_41
 ## 8673 phascolarctos_cinereus_core_99_41
 ## 8674 phascolarctos_cinereus_rnaseq_95_2
 ## 8675 phasianus_colchicus_core_99_1
 ## 8676 phasianus_colchicus_rnaseq_99_1
 ## 8677 physeter_catodon_core_99_2
 ## 8678 physeter_catodon_otherfeatures_99_2
 ## 8679 physeter_catodon_rnaseq_99_2
 ## 8680 piliocolobus_tephrosceles_core_96_2
 ## 8681 piliocolobus_tephrosceles_core_97_2
 ## 8682 piliocolobus_tephrosceles_core_98_2
 ## 8683 piliocolobus_tephrosceles_core_99_2
 ## 8684 piliocolobus_tephrosceles_funcgen_96_2
 ## 8685 piliocolobus_tephrosceles_funcgen_97_2
 ## 8686 piliocolobus_tephrosceles_funcgen_98_2
 ## 8687 piliocolobus_tephrosceles_funcgen_99_2
 ## 8688 piliocolobus_tephrosceles_rnaseq_96_2
 ## 8689 piliocolobus_tephrosceles_rnaseq_97_2
 ## 8690 piliocolobus_tephrosceles_rnaseq_98_2
 ## 8691 piliocolobus_tephrosceles_rnaseq_99_2
 ## 8692 podarcis_muralis_core_99_1
 ## 8693 podarcis_muralis_rnaseq_99_1
 ## 8694 poecilia_formosa_core_76_512
 ## 8695 poecilia_formosa_core_77_512
 ## 8696 poecilia_formosa_core_78_512
 ## 8697 poecilia_formosa_core_79_512
 ## 8698 poecilia_formosa_core_80_512
 ## 8699 poecilia_formosa_core_81_512
 ## 8700 poecilia_formosa_core_82_512
 ## 8701 poecilia_formosa_core_83_512
 ## 8702 poecilia_formosa_core_84_512
 ## 8703 poecilia_formosa_core_85_512
 ## 8704 poecilia_formosa_core_86_512

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## 8705 poecilia_formosa_core_87_512
## 8706 poecilia_formosa_core_88_512
## 8707 poecilia_formosa_core_89_512
## 8708 poecilia_formosa_core_90_512
## 8709 poecilia_formosa_core_91_512
## 8710 poecilia_formosa_core_92_512
## 8711 poecilia_formosa_core_93_512
## 8712 poecilia_formosa_core_94_512
## 8713 poecilia_formosa_core_95_512
## 8714 poecilia_formosa_core_96_512
## 8715 poecilia_formosa_core_97_512
## 8716 poecilia_formosa_core_98_512
## 8717 poecilia_formosa_core_99_512
## 8718 poecilia_formosa_otherfeatures_76_512
## 8719 poecilia_formosa_otherfeatures_77_512
## 8720 poecilia_formosa_otherfeatures_78_512
## 8721 poecilia_formosa_otherfeatures_79_512
## 8722 poecilia_formosa_otherfeatures_80_512
## 8723 poecilia_formosa_otherfeatures_81_512
## 8724 poecilia_formosa_otherfeatures_82_512
## 8725 poecilia_formosa_otherfeatures_83_512
## 8726 poecilia_formosa_otherfeatures_84_512
## 8727 poecilia_formosa_otherfeatures_85_512
## 8728 poecilia_formosa_otherfeatures_86_512
## 8729 poecilia_formosa_otherfeatures_87_512
## 8730 poecilia_formosa_otherfeatures_88_512
## 8731 poecilia_formosa_otherfeatures_89_512
## 8732 poecilia_formosa_otherfeatures_90_512
## 8733 poecilia_formosa_otherfeatures_91_512
## 8734 poecilia_formosa_otherfeatures_92_512
## 8735 poecilia_formosa_otherfeatures_93_512
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## 8739 poecilia_formosa_otherfeatures_97_512
## 8740 poecilia_formosa_otherfeatures_98_512
## 8741 poecilia_formosa_otherfeatures_99_512
## 8742 poecilia_formosa_rnaseq_76_512
## 8743 poecilia_formosa_rnaseq_77_512
## 8744 poecilia_formosa_rnaseq_78_512
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## 8747 poecilia_formosa_rnaseq_81_512
## 8748 poecilia_formosa_rnaseq_82_512
## 8749 poecilia_formosa_rnaseq_83_512
## 8750 poecilia_formosa_rnaseq_84_512
## 8751 poecilia_formosa_rnaseq_85_512
## 8752 poecilia_formosa_rnaseq_86_512
## 8753 poecilia_formosa_rnaseq_87_512
## 8754 poecilia_formosa_rnaseq_88_512
## 8755 poecilia_formosa_rnaseq_89_512
## 8756 poecilia_formosa_rnaseq_90_512
## 8757 poecilia_formosa_rnaseq_91_512
## 8758 poecilia_formosa_rnaseq_92_512

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## 8759 poecilia_formosa_rnaseq_93_512
## 8760 poecilia_formosa_rnaseq_94_512
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## 8765 poecilia_formosa_rnaseq_99_512
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## 8767 poecilia_latipinna_core_95_1
## 8768 poecilia_latipinna_core_96_1
## 8769 poecilia_latipinna_core_97_1
## 8770 poecilia_latipinna_core_98_1
## 8771 poecilia_latipinna_core_99_1
## 8772 poecilia_latipinna_otherfeatures_94_1
## 8773 poecilia_latipinna_otherfeatures_95_1
## 8774 poecilia_latipinna_otherfeatures_96_1
## 8775 poecilia_latipinna_otherfeatures_97_1
## 8776 poecilia_latipinna_otherfeatures_98_1
## 8777 poecilia_latipinna_otherfeatures_99_1
## 8778 poecilia_latipinna_rnaseq_94_1
## 8779 poecilia_latipinna_rnaseq_95_1
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## 8788 poecilia_mexicana_core_98_1
## 8789 poecilia_mexicana_core_99_1
## 8790 poecilia_mexicana_otherfeatures_94_1
## 8791 poecilia_mexicana_otherfeatures_95_1
## 8792 poecilia_mexicana_otherfeatures_96_1
## 8793 poecilia_mexicana_otherfeatures_97_1
## 8794 poecilia_mexicana_otherfeatures_98_1
## 8795 poecilia_mexicana_otherfeatures_99_1
## 8796 poecilia_mexicana_rnaseq_94_1
## 8797 poecilia_mexicana_rnaseq_95_1
## 8798 poecilia_mexicana_rnaseq_96_1
## 8799 poecilia_mexicana_rnaseq_97_1
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## 8803 poecilia_reticulata_core_95_1
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## 8806 poecilia_reticulata_core_98_1
## 8807 poecilia_reticulata_core_99_1
## 8808 poecilia_reticulata_otherfeatures_94_1
## 8809 poecilia_reticulata_otherfeatures_95_1
## 8810 poecilia_reticulata_otherfeatures_96_1
## 8811 poecilia_reticulata_otherfeatures_97_1
## 8812 poecilia_reticulata_otherfeatures_98_1

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## 8813      poecilia_reticulata_otherfeatures_99_1
## 8814      poecilia_reticulata_rnaseq_94_1
## 8815      poecilia_reticulata_rnaseq_95_1
## 8816      poecilia_reticulata_rnaseq_96_1
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## 8825      pogona_vitticeps_otherfeatures_97_11
## 8826      pogona_vitticeps_otherfeatures_98_11
## 8827      pogona_vitticeps_otherfeatures_99_11
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## 8829      pogona_vitticeps_rnaseq_97_11
## 8830      pogona_vitticeps_rnaseq_98_11
## 8831      pogona_vitticeps_rnaseq_99_11
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## 8833      pongo_abelii_core_63_1
## 8834      pongo_abelii_core_64_1
## 8835      pongo_abelii_core_65_1
## 8836      pongo_abelii_core_66_1
## 8837      pongo_abelii_core_67_1
## 8838      pongo_abelii_core_68_1
## 8839      pongo_abelii_core_69_1
## 8840      pongo_abelii_core_70_1
## 8841      pongo_abelii_core_71_1
## 8842      pongo_abelii_core_72_1
## 8843      pongo_abelii_core_73_1
## 8844      pongo_abelii_core_74_1
## 8845      pongo_abelii_core_75_1
## 8846      pongo_abelii_core_76_1
## 8847      pongo_abelii_core_77_1
## 8848      pongo_abelii_core_78_1
## 8849      pongo_abelii_core_79_1
## 8850      pongo_abelii_core_80_1
## 8851      pongo_abelii_core_81_1
## 8852      pongo_abelii_core_82_1
## 8853      pongo_abelii_core_83_1
## 8854      pongo_abelii_core_84_1
## 8855      pongo_abelii_core_85_1
## 8856      pongo_abelii_core_86_1
## 8857      pongo_abelii_core_87_1
## 8858      pongo_abelii_core_88_1
## 8859      pongo_abelii_core_89_1
## 8860      pongo_abelii_core_90_1
## 8861      pongo_abelii_core_91_1
## 8862      pongo_abelii_core_92_1
## 8863      pongo_abelii_core_93_1
## 8864      pongo_abelii_core_94_1
## 8865      pongo_abelii_core_95_1
## 8866      pongo_abelii_core_96_1

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## 8867         pongo_abelii_core_97_1
## 8868         pongo_abelii_core_98_1
## 8869         pongo_abelii_core_99_1
## 8870 pongo_abelii_otherfeatures_62_1h
## 8871         pongo_abelii_otherfeatures_63_1
## 8872         pongo_abelii_otherfeatures_64_1
## 8873         pongo_abelii_otherfeatures_65_1
## 8874         pongo_abelii_otherfeatures_66_1
## 8875         pongo_abelii_otherfeatures_67_1
## 8876         pongo_abelii_otherfeatures_68_1
## 8877         pongo_abelii_otherfeatures_69_1
## 8878         pongo_abelii_otherfeatures_70_1
## 8879         pongo_abelii_otherfeatures_71_1
## 8880         pongo_abelii_otherfeatures_72_1
## 8881         pongo_abelii_otherfeatures_73_1
## 8882         pongo_abelii_otherfeatures_74_1
## 8883         pongo_abelii_otherfeatures_75_1
## 8884         pongo_abelii_otherfeatures_76_1
## 8885         pongo_abelii_otherfeatures_77_1
## 8886         pongo_abelii_otherfeatures_78_1
## 8887         pongo_abelii_otherfeatures_79_1
## 8888         pongo_abelii_otherfeatures_80_1
## 8889         pongo_abelii_otherfeatures_81_1
## 8890         pongo_abelii_otherfeatures_82_1
## 8891         pongo_abelii_otherfeatures_83_1
## 8892         pongo_abelii_otherfeatures_84_1
## 8893         pongo_abelii_otherfeatures_85_1
## 8894         pongo_abelii_otherfeatures_86_1
## 8895         pongo_abelii_otherfeatures_87_1
## 8896         pongo_abelii_otherfeatures_88_1
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## 8898         pongo_abelii_otherfeatures_90_1
## 8899         pongo_abelii_otherfeatures_91_1
## 8900         pongo_abelii_otherfeatures_92_1
## 8901         pongo_abelii_otherfeatures_93_1
## 8902         pongo_abelii_otherfeatures_94_1
## 8903         pongo_abelii_otherfeatures_95_1
## 8904         pongo_abelii_otherfeatures_96_1
## 8905         pongo_abelii_otherfeatures_97_1
## 8906         pongo_abelii_otherfeatures_98_1
## 8907         pongo_abelii_otherfeatures_99_1
## 8908         pongo_abelii_rnaseq_69_1
## 8909         pongo_abelii_rnaseq_70_1
## 8910         pongo_abelii_rnaseq_71_1
## 8911         pongo_abelii_rnaseq_72_1
## 8912         pongo_abelii_rnaseq_73_1
## 8913         pongo_abelii_rnaseq_74_1
## 8914         pongo_abelii_rnaseq_75_1
## 8915         pongo_abelii_rnaseq_76_1
## 8916         pongo_abelii_rnaseq_77_1
## 8917         pongo_abelii_rnaseq_78_1
## 8918         pongo_abelii_rnaseq_79_1
## 8919         pongo_abelii_rnaseq_80_1
## 8920         pongo_abelii_rnaseq_81_1

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## 8921      pongo_abelii_rnaseq_82_1
## 8922      pongo_abelii_rnaseq_83_1
## 8923      pongo_abelii_rnaseq_84_1
## 8924      pongo_abelii_rnaseq_85_1
## 8925      pongo_abelii_rnaseq_86_1
## 8926      pongo_abelii_rnaseq_87_1
## 8927      pongo_abelii_rnaseq_88_1
## 8928      pongo_abelii_rnaseq_89_1
## 8929      pongo_abelii_rnaseq_90_1
## 8930      pongo_abelii_rnaseq_91_1
## 8931      pongo_abelii_rnaseq_92_1
## 8932      pongo_abelii_rnaseq_93_1
## 8933      pongo_abelii_rnaseq_94_1
## 8934      pongo_abelii_rnaseq_95_1
## 8935      pongo_abelii_rnaseq_96_1
## 8936      pongo_abelii_rnaseq_97_1
## 8937      pongo_abelii_rnaseq_98_1
## 8938      pongo_abelii_rnaseq_99_1
## 8939      pongo_abelii_variation_62_1h
## 8940      pongo_abelii_variation_63_1
## 8941      pongo_abelii_variation_64_1
## 8942      pongo_abelii_variation_65_1
## 8943      pongo_abelii_variation_66_1
## 8944      pongo_abelii_variation_67_1
## 8945      pongo_abelii_variation_68_1
## 8946      pongo_abelii_variation_69_1
## 8947      pongo_abelii_variation_70_1
## 8948      pongo_abelii_variation_71_1
## 8949      pongo_abelii_variation_72_1
## 8950      pongo_abelii_variation_73_1
## 8951      pongo_abelii_variation_74_1
## 8952      pongo_abelii_variation_75_1
## 8953      pongo_abelii_variation_76_1
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## 8955      pongo_abelii_variation_78_1
## 8956      pongo_abelii_variation_79_1
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## 8959      pongo_abelii_variation_82_1
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## 8963      pongo_abelii_variation_86_1
## 8964      pongo_abelii_variation_87_1
## 8965      pongo_abelii_variation_88_1
## 8966      pongo_abelii_variation_89_1
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## 8969      pongo_abelii_variation_92_1
## 8970      pongo_abelii_variation_93_1
## 8971      pongo_abelii_variation_94_1
## 8972      pongo_abelii_variation_95_1
## 8973      pongo_abelii_variation_96_1
## 8974      pongo_abelii_variation_97_1

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8975 pongo_abelii_variation_98_1
 ## 8976 pongo_abelii_variation_99_1
 ## 8977 pongo_pygmaeus_core_49_1
 ## 8978 pongo_pygmaeus_core_50_1a
 ## 8979 pongo_pygmaeus_core_51_1b
 ## 8980 pongo_pygmaeus_core_52_1c
 ## 8981 pongo_pygmaeus_core_53_1c
 ## 8982 pongo_pygmaeus_core_54_1c
 ## 8983 pongo_pygmaeus_core_55_1c
 ## 8984 pongo_pygmaeus_core_56_1c
 ## 8985 pongo_pygmaeus_core_57_1c
 ## 8986 pongo_pygmaeus_core_58_1d
 ## 8987 pongo_pygmaeus_core_59_1e
 ## 8988 pongo_pygmaeus_core_60_1f
 ## 8989 pongo_pygmaeus_core_61_1g
 ## 8990 pongo_pygmaeus_otherfeatures_49_1
 ## 8991 pongo_pygmaeus_otherfeatures_50_1a
 ## 8992 pongo_pygmaeus_otherfeatures_51_1b
 ## 8993 pongo_pygmaeus_otherfeatures_52_1c
 ## 8994 pongo_pygmaeus_otherfeatures_53_1c
 ## 8995 pongo_pygmaeus_otherfeatures_54_1c
 ## 8996 pongo_pygmaeus_otherfeatures_55_1c
 ## 8997 pongo_pygmaeus_otherfeatures_56_1c
 ## 8998 pongo_pygmaeus_otherfeatures_57_1c
 ## 8999 pongo_pygmaeus_otherfeatures_58_1d
 ## 9000 pongo_pygmaeus_otherfeatures_59_1e
 ## 9001 pongo_pygmaeus_otherfeatures_60_1f
 ## 9002 pongo_pygmaeus_otherfeatures_61_1g
 ## 9003 pongo_pygmaeus_variation_50_1a
 ## 9004 pongo_pygmaeus_variation_51_1b
 ## 9005 pongo_pygmaeus_variation_52_1c
 ## 9006 pongo_pygmaeus_variation_53_1c
 ## 9007 pongo_pygmaeus_variation_54_1c
 ## 9008 pongo_pygmaeus_variation_55_1c
 ## 9009 pongo_pygmaeus_variation_56_1c
 ## 9010 pongo_pygmaeus_variation_57_1c
 ## 9011 pongo_pygmaeus_variation_58_1d
 ## 9012 pongo_pygmaeus_variation_59_1e
 ## 9013 pongo_pygmaeus_variation_60_1f
 ## 9014 pongo_pygmaeus_variation_61_1g
 ## 9015 procavia_capensis_core_51_1
 ## 9016 procavia_capensis_core_52_1a
 ## 9017 procavia_capensis_core_53_1b
 ## 9018 procavia_capensis_core_54_1c
 ## 9019 procavia_capensis_core_55_1c
 ## 9020 procavia_capensis_core_56_1c
 ## 9021 procavia_capensis_core_57_1c
 ## 9022 procavia_capensis_core_58_1d
 ## 9023 procavia_capensis_core_59_1e
 ## 9024 procavia_capensis_core_60_1f
 ## 9025 procavia_capensis_core_61_1g
 ## 9026 procavia_capensis_core_62_1h
 ## 9027 procavia_capensis_core_63_1
 ## 9028 procavia_capensis_core_64_1

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## 9029      procavia_capensis_core_65_1
## 9030      procavia_capensis_core_66_1
## 9031      procavia_capensis_core_67_1
## 9032      procavia_capensis_core_68_1
## 9033      procavia_capensis_core_69_1
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## 9045      procavia_capensis_core_81_1
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## 9062      procavia_capensis_core_98_1
## 9063      procavia_capensis_core_99_1
## 9064      projection_info
## 9065      prolemur_simus_core_96_1
## 9066      prolemur_simus_core_97_1
## 9067      prolemur_simus_core_98_1
## 9068      prolemur_simus_core_99_1
## 9069      prolemur_simus_funcgen_96_1
## 9070      prolemur_simus_funcgen_97_1
## 9071      prolemur_simus_funcgen_98_1
## 9072      prolemur_simus_funcgen_99_1
## 9073      propithecus_coquereli_core_91_1
## 9074      propithecus_coquereli_core_92_1
## 9075      propithecus_coquereli_core_93_1
## 9076      propithecus_coquereli_core_94_1
## 9077      propithecus_coquereli_core_95_1
## 9078      propithecus_coquereli_core_96_1
## 9079      propithecus_coquereli_core_97_1
## 9080      propithecus_coquereli_core_98_1
## 9081      propithecus_coquereli_core_99_1
## 9082      propithecus_coquereli_funcgen_91_1

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## 9083      propithecus_coquereli_funcgen_92_1
## 9084      propithecus_coquereli_funcgen_93_1
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## 9090      propithecus_coquereli_funcgen_99_1
## 9091      propithecus_coquereli_otherfeatures_91_1
## 9092      propithecus_coquereli_otherfeatures_92_1
## 9093      propithecus_coquereli_otherfeatures_93_1
## 9094      propithecus_coquereli_otherfeatures_94_1
## 9095      propithecus_coquereli_otherfeatures_95_1
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## 9098      propithecus_coquereli_otherfeatures_98_1
## 9099      propithecus_coquereli_otherfeatures_99_1
## 9100      pseudonaja_textilis_core_99_2
## 9101      pseudonaja_textilis_otherfeatures_99_2
## 9102      pseudonaja_textilis_rnaseq_99_2
## 9103      pteropus_vampyrus_core_51_1
## 9104      pteropus_vampyrus_core_52_1a
## 9105      pteropus_vampyrus_core_53_1b
## 9106      pteropus_vampyrus_core_54_1c
## 9107      pteropus_vampyrus_core_55_1c
## 9108      pteropus_vampyrus_core_56_1c
## 9109      pteropus_vampyrus_core_57_1c
## 9110      pteropus_vampyrus_core_58_1d
## 9111      pteropus_vampyrus_core_59_1e
## 9112      pteropus_vampyrus_core_60_1f
## 9113      pteropus_vampyrus_core_61_1g
## 9114      pteropus_vampyrus_core_62_1h
## 9115      pteropus_vampyrus_core_63_1
## 9116      pteropus_vampyrus_core_64_1
## 9117      pteropus_vampyrus_core_65_1
## 9118      pteropus_vampyrus_core_66_1
## 9119      pteropus_vampyrus_core_67_1
## 9120      pteropus_vampyrus_core_68_1
## 9121      pteropus_vampyrus_core_69_1
## 9122      pteropus_vampyrus_core_70_1
## 9123      pteropus_vampyrus_core_71_1
## 9124      pteropus_vampyrus_core_72_1
## 9125      pteropus_vampyrus_core_73_1
## 9126      pteropus_vampyrus_core_74_1
## 9127      pteropus_vampyrus_core_75_1
## 9128      pteropus_vampyrus_core_76_1
## 9129      pteropus_vampyrus_core_77_1
## 9130      pteropus_vampyrus_core_78_1
## 9131      pteropus_vampyrus_core_79_1
## 9132      pteropus_vampyrus_core_80_1
## 9133      pteropus_vampyrus_core_81_1
## 9134      pteropus_vampyrus_core_82_1
## 9135      pteropus_vampyrus_core_83_1
## 9136      pteropus_vampyrus_core_84_1

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## 9137      pteropus_vampyrus_core_85_1
## 9138      pteropus_vampyrus_core_86_1
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## 9145      pteropus_vampyrus_core_93_1
## 9146      pteropus_vampyrus_core_94_1
## 9147      pteropus_vampyrus_core_95_1
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## 9149      pteropus_vampyrus_core_97_1
## 9150      pteropus_vampyrus_core_98_1
## 9151      pteropus_vampyrus_core_99_1
## 9152      pundamilia_nyererei_core_94_1
## 9153      pundamilia_nyererei_core_95_1
## 9154      pundamilia_nyererei_core_96_1
## 9155      pundamilia_nyererei_core_97_1
## 9156      pundamilia_nyererei_core_98_1
## 9157      pundamilia_nyererei_core_99_1
## 9158      pundamilia_nyererei_otherfeatures_94_1
## 9159      pundamilia_nyererei_otherfeatures_95_1
## 9160      pundamilia_nyererei_otherfeatures_96_1
## 9161      pundamilia_nyererei_otherfeatures_97_1
## 9162      pundamilia_nyererei_otherfeatures_98_1
## 9163      pundamilia_nyererei_otherfeatures_99_1
## 9164      pundamilia_nyererei_rnaseq_94_1
## 9165      pundamilia_nyererei_rnaseq_95_1
## 9166      pundamilia_nyererei_rnaseq_96_1
## 9167      pundamilia_nyererei_rnaseq_97_1
## 9168      pundamilia_nyererei_rnaseq_98_1
## 9169      pundamilia_nyererei_rnaseq_99_1
## 9170      pygocentrus_nattereri_core_94_102
## 9171      pygocentrus_nattereri_core_95_102
## 9172      pygocentrus_nattereri_core_96_102
## 9173      pygocentrus_nattereri_core_97_102
## 9174      pygocentrus_nattereri_core_98_102
## 9175      pygocentrus_nattereri_core_99_102
## 9176      pygocentrus_nattereri_otherfeatures_94_102
## 9177      pygocentrus_nattereri_otherfeatures_95_102
## 9178      pygocentrus_nattereri_otherfeatures_96_102
## 9179      pygocentrus_nattereri_otherfeatures_97_102
## 9180      pygocentrus_nattereri_otherfeatures_98_102
## 9181      pygocentrus_nattereri_otherfeatures_99_102
## 9182      pygocentrus_nattereri_rnaseq_94_102
## 9183      pygocentrus_nattereri_rnaseq_95_102
## 9184      pygocentrus_nattereri_rnaseq_96_102
## 9185      pygocentrus_nattereri_rnaseq_97_102
## 9186      pygocentrus_nattereri_rnaseq_98_102
## 9187      pygocentrus_nattereri_rnaseq_99_102
## 9188      rattus_norvegicus_core_48_34r
## 9189      rattus_norvegicus_core_49_34s
## 9190      rattus_norvegicus_core_50_34t

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## 9191	rattus_norvegicus_core_51_34t
## 9192	rattus_norvegicus_core_52_34u
## 9193	rattus_norvegicus_core_53_34u
## 9194	rattus_norvegicus_core_54_34v
## 9195	rattus_norvegicus_core_55_34w
## 9196	rattus_norvegicus_core_56_34x
## 9197	rattus_norvegicus_core_57_34y
## 9198	rattus_norvegicus_core_58_34z
## 9199	rattus_norvegicus_core_59_34a
## 9200	rattus_norvegicus_core_60_34b
## 9201	rattus_norvegicus_core_61_34c
## 9202	rattus_norvegicus_core_62_34d
## 9203	rattus_norvegicus_core_63_34
## 9204	rattus_norvegicus_core_64_34
## 9205	rattus_norvegicus_core_65_34
## 9206	rattus_norvegicus_core_66_34
## 9207	rattus_norvegicus_core_67_34
## 9208	rattus_norvegicus_core_68_34
## 9209	rattus_norvegicus_core_69_34
## 9210	rattus_norvegicus_core_70_5
## 9211	rattus_norvegicus_core_71_5
## 9212	rattus_norvegicus_core_72_5
## 9213	rattus_norvegicus_core_73_5
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## 9215	rattus_norvegicus_core_75_5
## 9216	rattus_norvegicus_core_76_5
## 9217	rattus_norvegicus_core_77_5
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## 9222	rattus_norvegicus_core_82_6
## 9223	rattus_norvegicus_core_83_6
## 9224	rattus_norvegicus_core_84_6
## 9225	rattus_norvegicus_core_85_6
## 9226	rattus_norvegicus_core_86_6
## 9227	rattus_norvegicus_core_87_6
## 9228	rattus_norvegicus_core_88_6
## 9229	rattus_norvegicus_core_89_6
## 9230	rattus_norvegicus_core_90_6
## 9231	rattus_norvegicus_core_91_6
## 9232	rattus_norvegicus_core_92_6
## 9233	rattus_norvegicus_core_93_6
## 9234	rattus_norvegicus_core_94_6
## 9235	rattus_norvegicus_core_95_6
## 9236	rattus_norvegicus_core_96_6
## 9237	rattus_norvegicus_core_97_6
## 9238	rattus_norvegicus_core_98_6
## 9239	rattus_norvegicus_core_99_6
## 9240	rattus_norvegicus_funcgen_55_34w
## 9241	rattus_norvegicus_funcgen_56_34x
## 9242	rattus_norvegicus_funcgen_57_34y
## 9243	rattus_norvegicus_funcgen_58_34z
## 9244	rattus_norvegicus_funcgen_59_34a

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## 9245      rattus_norvegicus_funcgen_60_34b
## 9246      rattus_norvegicus_funcgen_61_34c
## 9247      rattus_norvegicus_funcgen_62_34d
## 9248      rattus_norvegicus_funcgen_63_34
## 9249      rattus_norvegicus_funcgen_64_34
## 9250      rattus_norvegicus_funcgen_65_34
## 9251      rattus_norvegicus_funcgen_66_34
## 9252      rattus_norvegicus_funcgen_67_34
## 9253      rattus_norvegicus_funcgen_68_34
## 9254      rattus_norvegicus_funcgen_69_34
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## 9257      rattus_norvegicus_funcgen_72_5
## 9258      rattus_norvegicus_funcgen_73_5
## 9259      rattus_norvegicus_funcgen_74_5
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## 9261      rattus_norvegicus_funcgen_76_5
## 9262      rattus_norvegicus_funcgen_77_5
## 9263      rattus_norvegicus_funcgen_78_5
## 9264      rattus_norvegicus_funcgen_79_5
## 9265      rattus_norvegicus_funcgen_80_6
## 9266      rattus_norvegicus_funcgen_81_6
## 9267      rattus_norvegicus_funcgen_82_6
## 9268      rattus_norvegicus_funcgen_83_6
## 9269      rattus_norvegicus_funcgen_84_6
## 9270      rattus_norvegicus_funcgen_85_6
## 9271      rattus_norvegicus_funcgen_86_6
## 9272      rattus_norvegicus_funcgen_87_6
## 9273      rattus_norvegicus_funcgen_88_6
## 9274      rattus_norvegicus_funcgen_89_6
## 9275      rattus_norvegicus_funcgen_90_6
## 9276      rattus_norvegicus_funcgen_91_6
## 9277      rattus_norvegicus_funcgen_92_6
## 9278      rattus_norvegicus_funcgen_93_6
## 9279      rattus_norvegicus_funcgen_94_6
## 9280      rattus_norvegicus_funcgen_95_6
## 9281      rattus_norvegicus_funcgen_96_6
## 9282      rattus_norvegicus_funcgen_97_6
## 9283      rattus_norvegicus_funcgen_98_6
## 9284      rattus_norvegicus_funcgen_99_6
## 9285      rattus_norvegicus_otherfeatures_48_34r
## 9286      rattus_norvegicus_otherfeatures_49_34s
## 9287      rattus_norvegicus_otherfeatures_50_34t
## 9288      rattus_norvegicus_otherfeatures_51_34t
## 9289      rattus_norvegicus_otherfeatures_52_34u
## 9290      rattus_norvegicus_otherfeatures_53_34u
## 9291      rattus_norvegicus_otherfeatures_54_34v
## 9292      rattus_norvegicus_otherfeatures_55_34w
## 9293      rattus_norvegicus_otherfeatures_56_34x
## 9294      rattus_norvegicus_otherfeatures_57_34y
## 9295      rattus_norvegicus_otherfeatures_58_34z
## 9296      rattus_norvegicus_otherfeatures_59_34a
## 9297      rattus_norvegicus_otherfeatures_60_34b
## 9298      rattus_norvegicus_otherfeatures_61_34c

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## 9299      rattus_norvegicus_otherfeatures_62_34d
## 9300      rattus_norvegicus_otherfeatures_63_34
## 9301      rattus_norvegicus_otherfeatures_64_34
## 9302      rattus_norvegicus_otherfeatures_65_34
## 9303      rattus_norvegicus_otherfeatures_66_34
## 9304      rattus_norvegicus_otherfeatures_67_34
## 9305      rattus_norvegicus_otherfeatures_68_34
## 9306      rattus_norvegicus_otherfeatures_69_34
## 9307      rattus_norvegicus_otherfeatures_70_5
## 9308      rattus_norvegicus_otherfeatures_71_5
## 9309      rattus_norvegicus_otherfeatures_72_5
## 9310      rattus_norvegicus_otherfeatures_73_5
## 9311      rattus_norvegicus_otherfeatures_74_5
## 9312      rattus_norvegicus_otherfeatures_75_5
## 9313      rattus_norvegicus_otherfeatures_76_5
## 9314      rattus_norvegicus_otherfeatures_77_5
## 9315      rattus_norvegicus_otherfeatures_78_5
## 9316      rattus_norvegicus_otherfeatures_79_5
## 9317      rattus_norvegicus_otherfeatures_80_6
## 9318      rattus_norvegicus_otherfeatures_81_6
## 9319      rattus_norvegicus_otherfeatures_82_6
## 9320      rattus_norvegicus_otherfeatures_83_6
## 9321      rattus_norvegicus_otherfeatures_84_6
## 9322      rattus_norvegicus_otherfeatures_85_6
## 9323      rattus_norvegicus_otherfeatures_86_6
## 9324      rattus_norvegicus_otherfeatures_87_6
## 9325      rattus_norvegicus_otherfeatures_88_6
## 9326      rattus_norvegicus_otherfeatures_89_6
## 9327      rattus_norvegicus_otherfeatures_90_6
## 9328      rattus_norvegicus_otherfeatures_91_6
## 9329      rattus_norvegicus_otherfeatures_92_6
## 9330      rattus_norvegicus_otherfeatures_93_6
## 9331      rattus_norvegicus_otherfeatures_94_6
## 9332      rattus_norvegicus_otherfeatures_95_6
## 9333      rattus_norvegicus_otherfeatures_96_6
## 9334      rattus_norvegicus_otherfeatures_97_6
## 9335      rattus_norvegicus_otherfeatures_98_6
## 9336      rattus_norvegicus_otherfeatures_99_6
## 9337      rattus_norvegicus_rnaseq_80_6
## 9338      rattus_norvegicus_rnaseq_81_6
## 9339      rattus_norvegicus_rnaseq_82_6
## 9340      rattus_norvegicus_rnaseq_83_6
## 9341      rattus_norvegicus_rnaseq_84_6
## 9342      rattus_norvegicus_rnaseq_85_6
## 9343      rattus_norvegicus_rnaseq_86_6
## 9344      rattus_norvegicus_rnaseq_87_6
## 9345      rattus_norvegicus_rnaseq_88_6
## 9346      rattus_norvegicus_rnaseq_89_6
## 9347      rattus_norvegicus_rnaseq_90_6
## 9348      rattus_norvegicus_rnaseq_91_6
## 9349      rattus_norvegicus_rnaseq_92_6
## 9350      rattus_norvegicus_rnaseq_93_6
## 9351      rattus_norvegicus_rnaseq_94_6
## 9352      rattus_norvegicus_rnaseq_95_6

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## 9353          rattus_norvegicus_rnaseq_96_6
## 9354          rattus_norvegicus_rnaseq_97_6
## 9355          rattus_norvegicus_rnaseq_98_6
## 9356          rattus_norvegicus_rnaseq_99_6
## 9357          rattus_norvegicus_variation_48_34r
## 9358          rattus_norvegicus_variation_49_34s
## 9359          rattus_norvegicus_variation_50_34t
## 9360          rattus_norvegicus_variation_51_34t
## 9361          rattus_norvegicus_variation_52_34u
## 9362          rattus_norvegicus_variation_53_34u
## 9363          rattus_norvegicus_variation_54_34v
## 9364          rattus_norvegicus_variation_55_34w
## 9365          rattus_norvegicus_variation_56_34x
## 9366          rattus_norvegicus_variation_57_34y
## 9367          rattus_norvegicus_variation_58_34z
## 9368          rattus_norvegicus_variation_59_34a
## 9369          rattus_norvegicus_variation_60_34b
## 9370          rattus_norvegicus_variation_61_34c
## 9371          rattus_norvegicus_variation_62_34d
## 9372          rattus_norvegicus_variation_63_34
## 9373          rattus_norvegicus_variation_64_34
## 9374          rattus_norvegicus_variation_65_34
## 9375          rattus_norvegicus_variation_66_34
## 9376          rattus_norvegicus_variation_67_34
## 9377          rattus_norvegicus_variation_68_34
## 9378          rattus_norvegicus_variation_69_34
## 9379          rattus_norvegicus_variation_70_5
## 9380          rattus_norvegicus_variation_71_5
## 9381          rattus_norvegicus_variation_72_5
## 9382          rattus_norvegicus_variation_73_5
## 9383          rattus_norvegicus_variation_74_5
## 9384          rattus_norvegicus_variation_75_5
## 9385          rattus_norvegicus_variation_76_5
## 9386          rattus_norvegicus_variation_77_5
## 9387          rattus_norvegicus_variation_78_5
## 9388          rattus_norvegicus_variation_79_5
## 9389          rattus_norvegicus_variation_80_6
## 9390          rattus_norvegicus_variation_81_6
## 9391          rattus_norvegicus_variation_82_6
## 9392          rattus_norvegicus_variation_83_6
## 9393          rattus_norvegicus_variation_84_6
## 9394          rattus_norvegicus_variation_85_6
## 9395          rattus_norvegicus_variation_86_6
## 9396          rattus_norvegicus_variation_87_6
## 9397          rattus_norvegicus_variation_88_6
## 9398          rattus_norvegicus_variation_89_6
## 9399          rattus_norvegicus_variation_90_6
## 9400          rattus_norvegicus_variation_91_6
## 9401          rattus_norvegicus_variation_92_6
## 9402          rattus_norvegicus_variation_93_6
## 9403          rattus_norvegicus_variation_94_6
## 9404          rattus_norvegicus_variation_95_6
## 9405          rattus_norvegicus_variation_96_6
## 9406          rattus_norvegicus_variation_97_6

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## 9407      rattus_norvegicus_variation_98_6
## 9408      rattus_norvegicus_variation_99_6
## 9409      rattus_norvegicus_vega_77_5
## 9410      rattus_norvegicus_vega_78_5
## 9411      rattus_norvegicus_vega_79_5
## 9412      rattus_norvegicus_vega_80_6
## 9413      rattus_norvegicus_vega_81_6
## 9414      rattus_norvegicus_vega_82_6
## 9415      rattus_norvegicus_vega_83_6
## 9416      rattus_norvegicus_vega_84_6
## 9417      rattus_norvegicus_vega_85_6
## 9418      rattus_norvegicus_vega_86_6
## 9419      rattus_norvegicus_vega_87_6
## 9420      rattus_norvegicus_vega_88_6
## 9421      rhinolophus_ferrumequinum_core_99_1
## 9422      rhinolophus_ferrumequinum_rnaseq_99_1
## 9423      rhinopithecus_bieti_core_91_1
## 9424      rhinopithecus_bieti_core_92_1
## 9425      rhinopithecus_bieti_core_93_1
## 9426      rhinopithecus_bieti_core_94_1
## 9427      rhinopithecus_bieti_core_95_1
## 9428      rhinopithecus_bieti_core_96_1
## 9429      rhinopithecus_bieti_core_97_1
## 9430      rhinopithecus_bieti_core_98_1
## 9431      rhinopithecus_bieti_core_99_1
## 9432      rhinopithecus_bieti_funcgen_91_1
## 9433      rhinopithecus_bieti_funcgen_92_1
## 9434      rhinopithecus_bieti_funcgen_93_1
## 9435      rhinopithecus_bieti_funcgen_94_1
## 9436      rhinopithecus_bieti_funcgen_95_1
## 9437      rhinopithecus_bieti_funcgen_96_1
## 9438      rhinopithecus_bieti_funcgen_97_1
## 9439      rhinopithecus_bieti_funcgen_98_1
## 9440      rhinopithecus_bieti_funcgen_99_1
## 9441      rhinopithecus_bieti_otherfeatures_91_1
## 9442      rhinopithecus_bieti_otherfeatures_92_1
## 9443      rhinopithecus_bieti_otherfeatures_93_1
## 9444      rhinopithecus_bieti_otherfeatures_94_1
## 9445      rhinopithecus_bieti_otherfeatures_95_1
## 9446      rhinopithecus_bieti_otherfeatures_96_1
## 9447      rhinopithecus_bieti_otherfeatures_97_1
## 9448      rhinopithecus_bieti_otherfeatures_98_1
## 9449      rhinopithecus_bieti_otherfeatures_99_1
## 9450      rhinopithecus_bieti_rnaseq_91_1
## 9451      rhinopithecus_bieti_rnaseq_92_1
## 9452      rhinopithecus_bieti_rnaseq_93_1
## 9453      rhinopithecus_bieti_rnaseq_94_1
## 9454      rhinopithecus_bieti_rnaseq_95_1
## 9455      rhinopithecus_bieti_rnaseq_96_1
## 9456      rhinopithecus_bieti_rnaseq_97_1
## 9457      rhinopithecus_bieti_rnaseq_98_1
## 9458      rhinopithecus_bieti_rnaseq_99_1
## 9459      rhinopithecus_roxellana_core_91_1
## 9460      rhinopithecus_roxellana_core_92_1

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## 9461      rhinopithecus_roxellana_core_93_1
## 9462      rhinopithecus_roxellana_core_94_1
## 9463      rhinopithecus_roxellana_core_95_1
## 9464      rhinopithecus_roxellana_core_96_1
## 9465      rhinopithecus_roxellana_core_97_1
## 9466      rhinopithecus_roxellana_core_98_1
## 9467      rhinopithecus_roxellana_core_99_1
## 9468      rhinopithecus_roxellana_funcgen_91_1
## 9469      rhinopithecus_roxellana_funcgen_92_1
## 9470      rhinopithecus_roxellana_funcgen_93_1
## 9471      rhinopithecus_roxellana_funcgen_94_1
## 9472      rhinopithecus_roxellana_funcgen_95_1
## 9473      rhinopithecus_roxellana_funcgen_96_1
## 9474      rhinopithecus_roxellana_funcgen_97_1
## 9475      rhinopithecus_roxellana_funcgen_98_1
## 9476      rhinopithecus_roxellana_funcgen_99_1
## 9477      rhinopithecus_roxellana_otherfeatures_91_1
## 9478      rhinopithecus_roxellana_otherfeatures_92_1
## 9479      rhinopithecus_roxellana_otherfeatures_93_1
## 9480      rhinopithecus_roxellana_otherfeatures_94_1
## 9481      rhinopithecus_roxellana_otherfeatures_95_1
## 9482      rhinopithecus_roxellana_otherfeatures_96_1
## 9483      rhinopithecus_roxellana_otherfeatures_97_1
## 9484      rhinopithecus_roxellana_otherfeatures_98_1
## 9485      rhinopithecus_roxellana_otherfeatures_99_1
## 9486      rhinopithecus_roxellana_rnaseq_91_1
## 9487      rhinopithecus_roxellana_rnaseq_92_1
## 9488      rhinopithecus_roxellana_rnaseq_93_1
## 9489      rhinopithecus_roxellana_rnaseq_94_1
## 9490      rhinopithecus_roxellana_rnaseq_95_1
## 9491      rhinopithecus_roxellana_rnaseq_96_1
## 9492      rhinopithecus_roxellana_rnaseq_97_1
## 9493      rhinopithecus_roxellana_rnaseq_98_1
## 9494      rhinopithecus_roxellana_rnaseq_99_1
## 9495      saccharomyces_cerevisiae_core_48_1h
## 9496      saccharomyces_cerevisiae_core_49_1h
## 9497      saccharomyces_cerevisiae_core_50_1i
## 9498      saccharomyces_cerevisiae_core_51_1i
## 9499      saccharomyces_cerevisiae_core_52_1i
## 9500      saccharomyces_cerevisiae_core_53_1i
## 9501      saccharomyces_cerevisiae_core_54_1i
## 9502      saccharomyces_cerevisiae_core_55_1j
## 9503      saccharomyces_cerevisiae_core_56_1j
## 9504      saccharomyces_cerevisiae_core_57_1j
## 9505      saccharomyces_cerevisiae_core_58_1j
## 9506      saccharomyces_cerevisiae_core_59_2a
## 9507      saccharomyces_cerevisiae_core_60_2b
## 9508      saccharomyces_cerevisiae_core_61_2c
## 9509      saccharomyces_cerevisiae_core_62_2d
## 9510      saccharomyces_cerevisiae_core_63_3
## 9511      saccharomyces_cerevisiae_core_64_3
## 9512      saccharomyces_cerevisiae_core_65_4
## 9513      saccharomyces_cerevisiae_core_66_4
## 9514      saccharomyces_cerevisiae_core_67_4

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## 9515	saccharomyces_cerevisiae_core_68_4
## 9516	saccharomyces_cerevisiae_core_69_4
## 9517	saccharomyces_cerevisiae_core_70_4
## 9518	saccharomyces_cerevisiae_core_71_4
## 9519	saccharomyces_cerevisiae_core_72_4
## 9520	saccharomyces_cerevisiae_core_73_4
## 9521	saccharomyces_cerevisiae_core_74_4
## 9522	saccharomyces_cerevisiae_core_75_4
## 9523	saccharomyces_cerevisiae_core_76_4
## 9524	saccharomyces_cerevisiae_core_77_4
## 9525	saccharomyces_cerevisiae_core_78_4
## 9526	saccharomyces_cerevisiae_core_79_4
## 9527	saccharomyces_cerevisiae_core_80_4
## 9528	saccharomyces_cerevisiae_core_81_4
## 9529	saccharomyces_cerevisiae_core_82_4
## 9530	saccharomyces_cerevisiae_core_83_4
## 9531	saccharomyces_cerevisiae_core_84_4
## 9532	saccharomyces_cerevisiae_core_85_4
## 9533	saccharomyces_cerevisiae_core_86_4
## 9534	saccharomyces_cerevisiae_core_87_4
## 9535	saccharomyces_cerevisiae_core_88_4
## 9536	saccharomyces_cerevisiae_core_89_4
## 9537	saccharomyces_cerevisiae_core_90_4
## 9538	saccharomyces_cerevisiae_core_91_4
## 9539	saccharomyces_cerevisiae_core_92_4
## 9540	saccharomyces_cerevisiae_core_93_4
## 9541	saccharomyces_cerevisiae_core_94_4
## 9542	saccharomyces_cerevisiae_core_95_4
## 9543	saccharomyces_cerevisiae_core_96_4
## 9544	saccharomyces_cerevisiae_core_97_4
## 9545	saccharomyces_cerevisiae_core_98_4
## 9546	saccharomyces_cerevisiae_core_99_4
## 9547	saccharomyces_cerevisiae_funcgen_55_1j
## 9548	saccharomyces_cerevisiae_funcgen_56_1j
## 9549	saccharomyces_cerevisiae_funcgen_57_1j
## 9550	saccharomyces_cerevisiae_funcgen_58_1j
## 9551	saccharomyces_cerevisiae_funcgen_59_2a
## 9552	saccharomyces_cerevisiae_funcgen_60_2b
## 9553	saccharomyces_cerevisiae_funcgen_61_2c
## 9554	saccharomyces_cerevisiae_funcgen_62_2d
## 9555	saccharomyces_cerevisiae_funcgen_63_3
## 9556	saccharomyces_cerevisiae_funcgen_64_3
## 9557	saccharomyces_cerevisiae_funcgen_65_4
## 9558	saccharomyces_cerevisiae_funcgen_66_4
## 9559	saccharomyces_cerevisiae_funcgen_67_4
## 9560	saccharomyces_cerevisiae_funcgen_68_4
## 9561	saccharomyces_cerevisiae_funcgen_69_4
## 9562	saccharomyces_cerevisiae_funcgen_70_4
## 9563	saccharomyces_cerevisiae_funcgen_71_4
## 9564	saccharomyces_cerevisiae_funcgen_72_4
## 9565	saccharomyces_cerevisiae_funcgen_73_4
## 9566	saccharomyces_cerevisiae_funcgen_74_4
## 9567	saccharomyces_cerevisiae_funcgen_75_4
## 9568	saccharomyces_cerevisiae_funcgen_76_4

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## 9569      saccharomyces_cerevisiae_funcgen_77_4
## 9570      saccharomyces_cerevisiae_funcgen_78_4
## 9571      saccharomyces_cerevisiae_funcgen_79_4
## 9572      saccharomyces_cerevisiae_funcgen_80_4
## 9573      saccharomyces_cerevisiae_funcgen_81_4
## 9574      saccharomyces_cerevisiae_funcgen_82_4
## 9575      saccharomyces_cerevisiae_funcgen_83_4
## 9576      saccharomyces_cerevisiae_funcgen_84_4
## 9577      saccharomyces_cerevisiae_funcgen_85_4
## 9578      saccharomyces_cerevisiae_funcgen_86_4
## 9579      saccharomyces_cerevisiae_funcgen_87_4
## 9580      saccharomyces_cerevisiae_funcgen_88_4
## 9581      saccharomyces_cerevisiae_funcgen_89_4
## 9582      saccharomyces_cerevisiae_funcgen_90_4
## 9583      saccharomyces_cerevisiae_funcgen_91_4
## 9584      saccharomyces_cerevisiae_funcgen_92_4
## 9585      saccharomyces_cerevisiae_funcgen_93_4
## 9586      saccharomyces_cerevisiae_funcgen_94_4
## 9587      saccharomyces_cerevisiae_funcgen_95_4
## 9588      saccharomyces_cerevisiae_funcgen_96_4
## 9589      saccharomyces_cerevisiae_funcgen_97_4
## 9590      saccharomyces_cerevisiae_funcgen_98_4
## 9591      saccharomyces_cerevisiae_funcgen_99_4
## 9592      saccharomyces_cerevisiae_otherfeatures_48_1h
## 9593      saccharomyces_cerevisiae_otherfeatures_49_1h
## 9594      saccharomyces_cerevisiae_otherfeatures_50_1i
## 9595      saccharomyces_cerevisiae_otherfeatures_51_1i
## 9596      saccharomyces_cerevisiae_otherfeatures_52_1i
## 9597      saccharomyces_cerevisiae_otherfeatures_53_1i
## 9598      saccharomyces_cerevisiae_otherfeatures_54_1i
## 9599      saccharomyces_cerevisiae_otherfeatures_55_1j
## 9600      saccharomyces_cerevisiae_otherfeatures_56_1j
## 9601      saccharomyces_cerevisiae_otherfeatures_57_1j
## 9602      saccharomyces_cerevisiae_otherfeatures_58_1j
## 9603      saccharomyces_cerevisiae_otherfeatures_59_2a
## 9604      saccharomyces_cerevisiae_otherfeatures_60_2b
## 9605      saccharomyces_cerevisiae_otherfeatures_61_2c
## 9606      saccharomyces_cerevisiae_otherfeatures_62_2d
## 9607      saccharomyces_cerevisiae_otherfeatures_63_3
## 9608      saccharomyces_cerevisiae_otherfeatures_64_3
## 9609      saccharomyces_cerevisiae_otherfeatures_65_4
## 9610      saccharomyces_cerevisiae_otherfeatures_66_4
## 9611      saccharomyces_cerevisiae_otherfeatures_67_4
## 9612      saccharomyces_cerevisiae_otherfeatures_68_4
## 9613      saccharomyces_cerevisiae_otherfeatures_69_4
## 9614      saccharomyces_cerevisiae_otherfeatures_70_4
## 9615      saccharomyces_cerevisiae_otherfeatures_71_4
## 9616      saccharomyces_cerevisiae_otherfeatures_72_4
## 9617      saccharomyces_cerevisiae_otherfeatures_73_4
## 9618      saccharomyces_cerevisiae_otherfeatures_74_4
## 9619      saccharomyces_cerevisiae_otherfeatures_75_4
## 9620      saccharomyces_cerevisiae_otherfeatures_76_4
## 9621      saccharomyces_cerevisiae_otherfeatures_77_4
## 9622      saccharomyces_cerevisiae_otherfeatures_78_4

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## 9623      saccharomyces_cerevisiae_otherfeatures_79_4
## 9624      saccharomyces_cerevisiae_otherfeatures_80_4
## 9625      saccharomyces_cerevisiae_otherfeatures_81_4
## 9626      saccharomyces_cerevisiae_otherfeatures_82_4
## 9627      saccharomyces_cerevisiae_otherfeatures_83_4
## 9628      saccharomyces_cerevisiae_otherfeatures_84_4
## 9629      saccharomyces_cerevisiae_otherfeatures_85_4
## 9630      saccharomyces_cerevisiae_otherfeatures_86_4
## 9631      saccharomyces_cerevisiae_otherfeatures_87_4
## 9632      saccharomyces_cerevisiae_otherfeatures_88_4
## 9633      saccharomyces_cerevisiae_otherfeatures_89_4
## 9634      saccharomyces_cerevisiae_otherfeatures_90_4
## 9635      saccharomyces_cerevisiae_otherfeatures_91_4
## 9636      saccharomyces_cerevisiae_otherfeatures_92_4
## 9637      saccharomyces_cerevisiae_otherfeatures_93_4
## 9638      saccharomyces_cerevisiae_otherfeatures_94_4
## 9639      saccharomyces_cerevisiae_otherfeatures_95_4
## 9640      saccharomyces_cerevisiae_otherfeatures_96_4
## 9641      saccharomyces_cerevisiae_otherfeatures_97_4
## 9642      saccharomyces_cerevisiae_otherfeatures_98_4
## 9643      saccharomyces_cerevisiae_otherfeatures_99_4
## 9644      saccharomyces_cerevisiae_variation_59_2a
## 9645      saccharomyces_cerevisiae_variation_60_2b
## 9646      saccharomyces_cerevisiae_variation_61_2c
## 9647      saccharomyces_cerevisiae_variation_62_2d
## 9648      saccharomyces_cerevisiae_variation_63_3
## 9649      saccharomyces_cerevisiae_variation_64_3
## 9650      saccharomyces_cerevisiae_variation_65_4
## 9651      saccharomyces_cerevisiae_variation_66_4
## 9652      saccharomyces_cerevisiae_variation_67_4
## 9653      saccharomyces_cerevisiae_variation_68_4
## 9654      saccharomyces_cerevisiae_variation_69_4
## 9655      saccharomyces_cerevisiae_variation_70_4
## 9656      saccharomyces_cerevisiae_variation_71_4
## 9657      saccharomyces_cerevisiae_variation_72_4
## 9658      saccharomyces_cerevisiae_variation_73_4
## 9659      saccharomyces_cerevisiae_variation_74_4
## 9660      saccharomyces_cerevisiae_variation_75_4
## 9661      saccharomyces_cerevisiae_variation_76_4
## 9662      saccharomyces_cerevisiae_variation_77_4
## 9663      saccharomyces_cerevisiae_variation_78_4
## 9664      saccharomyces_cerevisiae_variation_79_4
## 9665      saccharomyces_cerevisiae_variation_80_4
## 9666      saccharomyces_cerevisiae_variation_81_4
## 9667      saccharomyces_cerevisiae_variation_82_4
## 9668      saccharomyces_cerevisiae_variation_83_4
## 9669      saccharomyces_cerevisiae_variation_84_4
## 9670      saccharomyces_cerevisiae_variation_85_4
## 9671      saccharomyces_cerevisiae_variation_86_4
## 9672      saccharomyces_cerevisiae_variation_87_4
## 9673      saccharomyces_cerevisiae_variation_88_4
## 9674      saccharomyces_cerevisiae_variation_89_4
## 9675      saccharomyces_cerevisiae_variation_90_4
## 9676      saccharomyces_cerevisiae_variation_91_4

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## 9677      saccharomyces_cerevisiae_variation_92_4
## 9678      saccharomyces_cerevisiae_variation_93_4
## 9679      saccharomyces_cerevisiae_variation_94_4
## 9680      saccharomyces_cerevisiae_variation_95_4
## 9681      saccharomyces_cerevisiae_variation_96_4
## 9682      saccharomyces_cerevisiae_variation_97_4
## 9683      saccharomyces_cerevisiae_variation_98_4
## 9684      saccharomyces_cerevisiae_variation_99_4
## 9685      saimiri_boliviensis_boliviensis_core_91_1
## 9686      saimiri_boliviensis_boliviensis_core_92_1
## 9687      saimiri_boliviensis_boliviensis_core_93_1
## 9688      saimiri_boliviensis_boliviensis_core_94_1
## 9689      saimiri_boliviensis_boliviensis_core_95_1
## 9690      saimiri_boliviensis_boliviensis_core_96_1
## 9691      saimiri_boliviensis_boliviensis_core_97_1
## 9692      saimiri_boliviensis_boliviensis_core_98_1
## 9693      saimiri_boliviensis_boliviensis_core_99_1
## 9694      saimiri_boliviensis_boliviensis_funcgen_91_1
## 9695      saimiri_boliviensis_boliviensis_funcgen_92_1
## 9696      saimiri_boliviensis_boliviensis_funcgen_93_1
## 9697      saimiri_boliviensis_boliviensis_funcgen_94_1
## 9698      saimiri_boliviensis_boliviensis_funcgen_95_1
## 9699      saimiri_boliviensis_boliviensis_funcgen_96_1
## 9700      saimiri_boliviensis_boliviensis_funcgen_97_1
## 9701      saimiri_boliviensis_boliviensis_funcgen_98_1
## 9702      saimiri_boliviensis_boliviensis_funcgen_99_1
## 9703      saimiri_boliviensis_boliviensis_otherfeatures_91_1
## 9704      saimiri_boliviensis_boliviensis_otherfeatures_92_1
## 9705      saimiri_boliviensis_boliviensis_otherfeatures_93_1
## 9706      saimiri_boliviensis_boliviensis_otherfeatures_94_1
## 9707      saimiri_boliviensis_boliviensis_otherfeatures_95_1
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## 9709      saimiri_boliviensis_boliviensis_otherfeatures_97_1
## 9710      saimiri_boliviensis_boliviensis_otherfeatures_98_1
## 9711      saimiri_boliviensis_boliviensis_otherfeatures_99_1
## 9712      saimiri_boliviensis_boliviensis_rnaseq_91_1
## 9713      saimiri_boliviensis_boliviensis_rnaseq_92_1
## 9714      saimiri_boliviensis_boliviensis_rnaseq_93_1
## 9715      saimiri_boliviensis_boliviensis_rnaseq_94_1
## 9716      saimiri_boliviensis_boliviensis_rnaseq_95_1
## 9717      saimiri_boliviensis_boliviensis_rnaseq_96_1
## 9718      saimiri_boliviensis_boliviensis_rnaseq_97_1
## 9719      saimiri_boliviensis_boliviensis_rnaseq_98_1
## 9720      saimiri_boliviensis_boliviensis_rnaseq_99_1
## 9721      salarias_fasciatus_core_99_11
## 9722      salarias_fasciatus_otherfeatures_99_11
## 9723      salarias_fasciatus_rnaseq_99_11
## 9724      salmo_salar_core_99_2
## 9725      salmo_salar_otherfeatures_99_2
## 9726      salmo_salar_rnaseq_99_2
## 9727      salmo_salar_variation_99_2
## 9728      salmo_trutta_core_99_11
## 9729      salmo_trutta_otherfeatures_99_11
## 9730      salmo_trutta_rnaseq_99_11

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## 9731      salvator_merianae_core_96_3
## 9732      salvator_merianae_core_97_3
## 9733      salvator_merianae_core_98_3
## 9734      salvator_merianae_core_99_3
## 9735      salvator_merianae_rnaseq_96_3
## 9736      salvator_merianae_rnaseq_97_3
## 9737      salvator_merianae_rnaseq_98_3
## 9738      salvator_merianae_rnaseq_99_3
## 9739      sarcophilus_harrisii_core_64_7
## 9740      sarcophilus_harrisii_core_65_7
## 9741      sarcophilus_harrisii_core_66_7
## 9742      sarcophilus_harrisii_core_67_7
## 9743      sarcophilus_harrisii_core_68_7
## 9744      sarcophilus_harrisii_core_69_7
## 9745      sarcophilus_harrisii_core_70_7
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## 9748      sarcophilus_harrisii_core_73_7
## 9749      sarcophilus_harrisii_core_74_7
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## 9755      sarcophilus_harrisii_core_80_7
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## 9757      sarcophilus_harrisii_core_82_7
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## 9759      sarcophilus_harrisii_core_84_7
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## 9761      sarcophilus_harrisii_core_86_7
## 9762      sarcophilus_harrisii_core_87_7
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## 9766      sarcophilus_harrisii_core_91_7
## 9767      sarcophilus_harrisii_core_92_7
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## 9772      sarcophilus_harrisii_core_97_7
## 9773      sarcophilus_harrisii_core_98_7
## 9774      sarcophilus_harrisii_core_99_7
## 9775      sarcophilus_harrisii_otherfeatures_64_7
## 9776      sarcophilus_harrisii_otherfeatures_65_7
## 9777      sarcophilus_harrisii_otherfeatures_66_7
## 9778      sarcophilus_harrisii_otherfeatures_67_7
## 9779      sarcophilus_harrisii_otherfeatures_68_7
## 9780      sarcophilus_harrisii_otherfeatures_69_7
## 9781      sarcophilus_harrisii_otherfeatures_70_7
## 9782      sarcophilus_harrisii_otherfeatures_71_7
## 9783      sarcophilus_harrisii_otherfeatures_72_7
## 9784      sarcophilus_harrisii_otherfeatures_73_7

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## 9785      sarcophilus_harrisii_otherfeatures_74_7
## 9786      sarcophilus_harrisii_otherfeatures_75_7
## 9787      sarcophilus_harrisii_otherfeatures_76_7
## 9788      sarcophilus_harrisii_otherfeatures_77_7
## 9789      sarcophilus_harrisii_otherfeatures_78_7
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## 9803      sarcophilus_harrisii_otherfeatures_92_7
## 9804      sarcophilus_harrisii_otherfeatures_93_7
## 9805      sarcophilus_harrisii_otherfeatures_94_7
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## 9807      sarcophilus_harrisii_otherfeatures_96_7
## 9808      sarcophilus_harrisii_otherfeatures_97_7
## 9809      sarcophilus_harrisii_otherfeatures_98_7
## 9810      sarcophilus_harrisii_otherfeatures_99_7
## 9811      scleropages_formosus_core_94_1
## 9812      scleropages_formosus_core_95_1
## 9813      scleropages_formosus_core_96_1
## 9814      scleropages_formosus_core_97_1
## 9815      scleropages_formosus_core_98_1
## 9816      scleropages_formosus_core_99_11
## 9817      scleropages_formosus_otherfeatures_94_1
## 9818      scleropages_formosus_otherfeatures_95_1
## 9819      scleropages_formosus_otherfeatures_96_1
## 9820      scleropages_formosus_otherfeatures_97_1
## 9821      scleropages_formosus_otherfeatures_98_1
## 9822      scleropages_formosus_otherfeatures_99_11
## 9823      scleropages_formosus_rnaseq_94_1
## 9824      scleropages_formosus_rnaseq_95_1
## 9825      scleropages_formosus_rnaseq_96_1
## 9826      scleropages_formosus_rnaseq_97_1
## 9827      scleropages_formosus_rnaseq_98_1
## 9828      scleropages_formosus_rnaseq_99_11
## 9829      scophthalmus_maximus_core_94_1
## 9830      scophthalmus_maximus_core_95_1
## 9831      scophthalmus_maximus_core_96_1
## 9832      scophthalmus_maximus_core_97_1
## 9833      scophthalmus_maximus_core_98_1
## 9834      scophthalmus_maximus_core_99_1
## 9835      scophthalmus_maximus_funcgen_96_1
## 9836      scophthalmus_maximus_funcgen_97_1
## 9837      scophthalmus_maximus_funcgen_98_1
## 9838      scophthalmus_maximus_funcgen_99_1

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## 9839      scophthalmus_maximus_rnaseq_94_1
## 9840      scophthalmus_maximus_rnaseq_95_1
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## 9842      scophthalmus_maximus_rnaseq_97_1
## 9843      scophthalmus_maximus_rnaseq_98_1
## 9844      scophthalmus_maximus_rnaseq_99_1
## 9845      serinus_canaria_core_96_12
## 9846      serinus_canaria_core_97_12
## 9847      serinus_canaria_core_98_12
## 9848      serinus_canaria_core_99_12
## 9849      serinus_canaria_otherfeatures_96_12
## 9850      serinus_canaria_otherfeatures_97_12
## 9851      serinus_canaria_otherfeatures_98_12
## 9852      serinus_canaria_otherfeatures_99_12
## 9853      serinus_canaria_rnaseq_96_12
## 9854      serinus_canaria_rnaseq_97_12
## 9855      serinus_canaria_rnaseq_98_12
## 9856      serinus_canaria_rnaseq_99_12
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## 9858      seriola_dumerili_core_95_1
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## 9862      seriola_dumerili_core_99_1
## 9863      seriola_dumerili_otherfeatures_94_1
## 9864      seriola_dumerili_otherfeatures_95_1
## 9865      seriola_dumerili_otherfeatures_96_1
## 9866      seriola_dumerili_otherfeatures_97_1
## 9867      seriola_dumerili_otherfeatures_98_1
## 9868      seriola_dumerili_otherfeatures_99_1
## 9869      seriola_dumerili_rnaseq_94_1
## 9870      seriola_dumerili_rnaseq_95_1
## 9871      seriola_dumerili_rnaseq_96_1
## 9872      seriola_dumerili_rnaseq_97_1
## 9873      seriola_dumerili_rnaseq_98_1
## 9874      seriola_dumerili_rnaseq_99_1
## 9875      seriola_lalandi_dorsalis_core_94_1
## 9876      seriola_lalandi_dorsalis_core_95_1
## 9877      seriola_lalandi_dorsalis_core_96_1
## 9878      seriola_lalandi_dorsalis_core_97_1
## 9879      seriola_lalandi_dorsalis_core_98_1
## 9880      seriola_lalandi_dorsalis_core_99_1
## 9881      seriola_lalandi_dorsalis_otherfeatures_94_1
## 9882      seriola_lalandi_dorsalis_otherfeatures_95_1
## 9883      seriola_lalandi_dorsalis_otherfeatures_96_1
## 9884      seriola_lalandi_dorsalis_otherfeatures_97_1
## 9885      seriola_lalandi_dorsalis_otherfeatures_98_1
## 9886      seriola_lalandi_dorsalis_otherfeatures_99_1
## 9887      seriola_lalandi_dorsalis_rnaseq_94_1
## 9888      seriola_lalandi_dorsalis_rnaseq_95_1
## 9889      seriola_lalandi_dorsalis_rnaseq_96_1
## 9890      seriola_lalandi_dorsalis_rnaseq_97_1
## 9891      seriola_lalandi_dorsalis_rnaseq_98_1
## 9892      seriola_lalandi_dorsalis_rnaseq_99_1

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## 9893         sinocyclocheilus_anshuiensis_core_99_11
## 9894 sinocyclocheilus_anshuiensis_otherfeatures_99_11
## 9895         sinocyclocheilus_anshuiensis_rnaseq_99_11
## 9896         sinocyclocheilus_grahami_core_99_11
## 9897         sinocyclocheilus_grahami_otherfeatures_99_11
## 9898         sinocyclocheilus_grahami_rnaseq_99_11
## 9899         sinocyclocheilus_rhinoceros_core_99_11
## 9900 sinocyclocheilus_rhinoceros_otherfeatures_99_11
## 9901         sinocyclocheilus_rhinoceros_rnaseq_99_11
## 9902         snp_mart_80_part2
## 9903         sorex_araneus_core_48_1b
## 9904         sorex_araneus_core_49_1c
## 9905         sorex_araneus_core_50_1d
## 9906         sorex_araneus_core_51_1d
## 9907         sorex_araneus_core_52_1e
## 9908         sorex_araneus_core_53_1e
## 9909         sorex_araneus_core_54_1e
## 9910         sorex_araneus_core_55_1e
## 9911         sorex_araneus_core_56_1e
## 9912         sorex_araneus_core_57_1e
## 9913         sorex_araneus_core_58_1f
## 9914         sorex_araneus_core_59_1g
## 9915         sorex_araneus_core_60_1h
## 9916         sorex_araneus_core_61_1i
## 9917         sorex_araneus_core_62_1j
## 9918         sorex_araneus_core_63_1
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## 9922         sorex_araneus_core_67_1
## 9923         sorex_araneus_core_68_1
## 9924         sorex_araneus_core_69_1
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## 9943         sorex_araneus_core_88_1
## 9944         sorex_araneus_core_89_1
## 9945         sorex_araneus_core_90_1
## 9946         sorex_araneus_core_91_1

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## 9947          sorex_araneus_core_92_1
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## 9956          sparus_aurata_otherfeatures_99_11
## 9957          sparus_aurata_rnaseq_99_11
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## 9961          spermophilus_dauricus_core_99_1
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## 9963          spermophilus_tridecemlineatus_core_49_1e
## 9964          spermophilus_tridecemlineatus_core_50_1f
## 9965          spermophilus_tridecemlineatus_core_51_1f
## 9966          spermophilus_tridecemlineatus_core_52_1g
## 9967          spermophilus_tridecemlineatus_core_53_1g
## 9968          spermophilus_tridecemlineatus_core_54_1g
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## 9972          spermophilus_tridecemlineatus_core_58_1h
## 9973          spermophilus_tridecemlineatus_core_59_1i
## 9974          spermophilus_tridecemlineatus_core_60_1j
## 9975          spermophilus_tridecemlineatus_core_61_1k
## 9976          spermophilus_tridecemlineatus_core_62_1l
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## 9982          spermophilus_tridecemlineatus_otherfeatures_67_2
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## 9999          sphenodon_punctatus_rnaseq_98_1
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## 10023          struthio_camelus_australis_otherfeatures_99_1
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## 10029          sus_scrofa_bamei_core_99_1
## 10030          sus_scrofa_bamei_otherfeatures_98_1
## 10031          sus_scrofa_bamei_otherfeatures_99_1
## 10032          sus_scrofa_bamei_rnaseq_98_1
## 10033          sus_scrofa_bamei_rnaseq_99_1
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## 10035          sus_scrofa_berkshire_core_99_1
## 10036          sus_scrofa_berkshire_otherfeatures_98_1
## 10037          sus_scrofa_berkshire_otherfeatures_99_1
## 10038          sus_scrofa_berkshire_rnaseq_98_1
## 10039          sus_scrofa_berkshire_rnaseq_99_1
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## 10041          sus_scrofa_core_57_9a
## 10042          sus_scrofa_core_58_9b
## 10043          sus_scrofa_core_59_9c
## 10044          sus_scrofa_core_60_9d
## 10045          sus_scrofa_core_61_9e
## 10046          sus_scrofa_core_62_9f
## 10047          sus_scrofa_core_63_9
## 10048          sus_scrofa_core_64_9
## 10049          sus_scrofa_core_65_9
## 10050          sus_scrofa_core_66_9
## 10051          sus_scrofa_core_67_102
## 10052          sus_scrofa_core_68_102
## 10053          sus_scrofa_core_69_102
## 10054          sus_scrofa_core_70_102

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## 10055	sus_scrofa_core_71_102
## 10056	sus_scrofa_core_72_102
## 10057	sus_scrofa_core_73_102
## 10058	sus_scrofa_core_74_102
## 10059	sus_scrofa_core_75_102
## 10060	sus_scrofa_core_76_102
## 10061	sus_scrofa_core_77_102
## 10062	sus_scrofa_core_78_102
## 10063	sus_scrofa_core_79_102
## 10064	sus_scrofa_core_80_102
## 10065	sus_scrofa_core_81_102
## 10066	sus_scrofa_core_82_102
## 10067	sus_scrofa_core_83_102
## 10068	sus_scrofa_core_84_102
## 10069	sus_scrofa_core_85_102
## 10070	sus_scrofa_core_86_102
## 10071	sus_scrofa_core_87_102
## 10072	sus_scrofa_core_88_102
## 10073	sus_scrofa_core_89_102
## 10074	sus_scrofa_core_90_111
## 10075	sus_scrofa_core_91_111
## 10076	sus_scrofa_core_92_111
## 10077	sus_scrofa_core_93_111
## 10078	sus_scrofa_core_94_111
## 10079	sus_scrofa_core_95_111
## 10080	sus_scrofa_core_96_111
## 10081	sus_scrofa_core_97_111
## 10082	sus_scrofa_core_98_111
## 10083	sus_scrofa_core_99_111
## 10084	sus_scrofa_funcgen_57_9a
## 10085	sus_scrofa_funcgen_58_9b
## 10086	sus_scrofa_funcgen_59_9c
## 10087	sus_scrofa_funcgen_60_9d
## 10088	sus_scrofa_funcgen_61_9e
## 10089	sus_scrofa_funcgen_62_9f
## 10090	sus_scrofa_funcgen_63_9
## 10091	sus_scrofa_funcgen_64_9
## 10092	sus_scrofa_funcgen_65_9
## 10093	sus_scrofa_funcgen_66_9
## 10094	sus_scrofa_funcgen_67_102
## 10095	sus_scrofa_funcgen_68_102
## 10096	sus_scrofa_funcgen_69_102
## 10097	sus_scrofa_funcgen_70_102
## 10098	sus_scrofa_funcgen_71_102
## 10099	sus_scrofa_funcgen_72_102
## 10100	sus_scrofa_funcgen_73_102
## 10101	sus_scrofa_funcgen_74_102
## 10102	sus_scrofa_funcgen_75_102
## 10103	sus_scrofa_funcgen_76_102
## 10104	sus_scrofa_funcgen_77_102
## 10105	sus_scrofa_funcgen_78_102
## 10106	sus_scrofa_funcgen_79_102
## 10107	sus_scrofa_funcgen_80_102
## 10108	sus_scrofa_funcgen_81_102

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## 10109          sus_scrofa_funcgen_82_102
## 10110          sus_scrofa_funcgen_83_102
## 10111          sus_scrofa_funcgen_84_102
## 10112          sus_scrofa_funcgen_85_102
## 10113          sus_scrofa_funcgen_86_102
## 10114          sus_scrofa_funcgen_87_102
## 10115          sus_scrofa_funcgen_88_102
## 10116          sus_scrofa_funcgen_89_102
## 10117          sus_scrofa_funcgen_90_111
## 10118          sus_scrofa_funcgen_91_111
## 10119          sus_scrofa_funcgen_92_111
## 10120          sus_scrofa_funcgen_93_111
## 10121          sus_scrofa_funcgen_94_111
## 10122          sus_scrofa_funcgen_95_111
## 10123          sus_scrofa_funcgen_96_111
## 10124          sus_scrofa_funcgen_97_111
## 10125          sus_scrofa_funcgen_98_111
## 10126          sus_scrofa_funcgen_99_111
## 10127          sus_scrofa_hampshire_core_98_1
## 10128          sus_scrofa_hampshire_core_99_1
## 10129          sus_scrofa_hampshire_otherfeatures_98_1
## 10130          sus_scrofa_hampshire_otherfeatures_99_1
## 10131          sus_scrofa_hampshire_rnaseq_98_1
## 10132          sus_scrofa_hampshire_rnaseq_99_1
## 10133          sus_scrofa_jinhua_core_98_1
## 10134          sus_scrofa_jinhua_core_99_1
## 10135          sus_scrofa_jinhua_otherfeatures_98_1
## 10136          sus_scrofa_jinhua_otherfeatures_99_1
## 10137          sus_scrofa_jinhua_rnaseq_98_1
## 10138          sus_scrofa_jinhua_rnaseq_99_1
## 10139          sus_scrofa_landrace_core_98_1
## 10140          sus_scrofa_landrace_core_99_1
## 10141          sus_scrofa_landrace_otherfeatures_98_1
## 10142          sus_scrofa_landrace_otherfeatures_99_1
## 10143          sus_scrofa_landrace_rnaseq_98_1
## 10144          sus_scrofa_landrace_rnaseq_99_1
## 10145          sus_scrofa_largewhite_core_98_1
## 10146          sus_scrofa_largewhite_core_99_1
## 10147          sus_scrofa_largewhite_otherfeatures_98_1
## 10148          sus_scrofa_largewhite_otherfeatures_99_1
## 10149          sus_scrofa_largewhite_rnaseq_98_1
## 10150          sus_scrofa_largewhite_rnaseq_99_1
## 10151          sus_scrofa_meishan_core_98_1
## 10152          sus_scrofa_meishan_core_99_1
## 10153          sus_scrofa_meishan_otherfeatures_98_1
## 10154          sus_scrofa_meishan_otherfeatures_99_1
## 10155          sus_scrofa_meishan_rnaseq_98_1
## 10156          sus_scrofa_meishan_rnaseq_99_1
## 10157          sus_scrofa_otherfeatures_56_9
## 10158          sus_scrofa_otherfeatures_57_9a
## 10159          sus_scrofa_otherfeatures_58_9b
## 10160          sus_scrofa_otherfeatures_59_9c
## 10161          sus_scrofa_otherfeatures_60_9d
## 10162          sus_scrofa_otherfeatures_61_9e

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## 10163          sus_scrofa_otherfeatures_62_9f
## 10164          sus_scrofa_otherfeatures_63_9
## 10165          sus_scrofa_otherfeatures_64_9
## 10166          sus_scrofa_otherfeatures_65_9
## 10167          sus_scrofa_otherfeatures_66_9
## 10168          sus_scrofa_otherfeatures_67_102
## 10169          sus_scrofa_otherfeatures_68_102
## 10170          sus_scrofa_otherfeatures_69_102
## 10171          sus_scrofa_otherfeatures_70_102
## 10172          sus_scrofa_otherfeatures_71_102
## 10173          sus_scrofa_otherfeatures_72_102
## 10174          sus_scrofa_otherfeatures_73_102
## 10175          sus_scrofa_otherfeatures_74_102
## 10176          sus_scrofa_otherfeatures_75_102
## 10177          sus_scrofa_otherfeatures_76_102
## 10178          sus_scrofa_otherfeatures_77_102
## 10179          sus_scrofa_otherfeatures_78_102
## 10180          sus_scrofa_otherfeatures_79_102
## 10181          sus_scrofa_otherfeatures_80_102
## 10182          sus_scrofa_otherfeatures_81_102
## 10183          sus_scrofa_otherfeatures_82_102
## 10184          sus_scrofa_otherfeatures_83_102
## 10185          sus_scrofa_otherfeatures_84_102
## 10186          sus_scrofa_otherfeatures_85_102
## 10187          sus_scrofa_otherfeatures_86_102
## 10188          sus_scrofa_otherfeatures_87_102
## 10189          sus_scrofa_otherfeatures_88_102
## 10190          sus_scrofa_otherfeatures_89_102
## 10191          sus_scrofa_otherfeatures_90_111
## 10192          sus_scrofa_otherfeatures_91_111
## 10193          sus_scrofa_otherfeatures_92_111
## 10194          sus_scrofa_otherfeatures_93_111
## 10195          sus_scrofa_otherfeatures_94_111
## 10196          sus_scrofa_otherfeatures_95_111
## 10197          sus_scrofa_otherfeatures_96_111
## 10198          sus_scrofa_otherfeatures_97_111
## 10199          sus_scrofa_otherfeatures_98_111
## 10200          sus_scrofa_otherfeatures_99_111
## 10201          sus_scrofa_pietrain_core_98_1
## 10202          sus_scrofa_pietrain_core_99_1
## 10203          sus_scrofa_pietrain_otherfeatures_98_1
## 10204          sus_scrofa_pietrain_otherfeatures_99_1
## 10205          sus_scrofa_pietrain_rnaseq_98_1
## 10206          sus_scrofa_pietrain_rnaseq_99_1
## 10207          sus_scrofa_rnaseq_67_102
## 10208          sus_scrofa_rnaseq_68_102
## 10209          sus_scrofa_rnaseq_69_102
## 10210          sus_scrofa_rnaseq_70_102
## 10211          sus_scrofa_rnaseq_71_102
## 10212          sus_scrofa_rnaseq_72_102
## 10213          sus_scrofa_rnaseq_73_102
## 10214          sus_scrofa_rnaseq_74_102
## 10215          sus_scrofa_rnaseq_75_102
## 10216          sus_scrofa_rnaseq_76_102

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## 10217          sus_scrofa_rnaseq_77_102
## 10218          sus_scrofa_rnaseq_78_102
## 10219          sus_scrofa_rnaseq_79_102
## 10220          sus_scrofa_rnaseq_80_102
## 10221          sus_scrofa_rnaseq_81_102
## 10222          sus_scrofa_rnaseq_82_102
## 10223          sus_scrofa_rnaseq_83_102
## 10224          sus_scrofa_rnaseq_84_102
## 10225          sus_scrofa_rnaseq_85_102
## 10226          sus_scrofa_rnaseq_86_102
## 10227          sus_scrofa_rnaseq_87_102
## 10228          sus_scrofa_rnaseq_88_102
## 10229          sus_scrofa_rnaseq_89_102
## 10230          sus_scrofa_rnaseq_90_111
## 10231          sus_scrofa_rnaseq_91_111
## 10232          sus_scrofa_rnaseq_92_111
## 10233          sus_scrofa_rnaseq_93_111
## 10234          sus_scrofa_rnaseq_94_111
## 10235          sus_scrofa_rnaseq_95_111
## 10236          sus_scrofa_rnaseq_96_111
## 10237          sus_scrofa_rnaseq_97_111
## 10238          sus_scrofa_rnaseq_98_111
## 10239          sus_scrofa_rnaseq_99_111
## 10240          sus_scrofa_rongchang_core_98_1
## 10241          sus_scrofa_rongchang_core_99_1
## 10242          sus_scrofa_rongchang_otherfeatures_98_1
## 10243          sus_scrofa_rongchang_otherfeatures_99_1
## 10244          sus_scrofa_rongchang_rnaseq_98_1
## 10245          sus_scrofa_rongchang_rnaseq_99_1
## 10246          sus_scrofa_tibetan_core_98_2
## 10247          sus_scrofa_tibetan_core_99_2
## 10248          sus_scrofa_tibetan_otherfeatures_98_2
## 10249          sus_scrofa_tibetan_otherfeatures_99_2
## 10250          sus_scrofa_tibetan_rnaseq_98_2
## 10251          sus_scrofa_tibetan_rnaseq_99_2
## 10252          sus_scrofa_usmarc_core_97_1
## 10253          sus_scrofa_usmarc_core_98_1
## 10254          sus_scrofa_usmarc_core_99_1
## 10255          sus_scrofa_usmarc_otherfeatures_97_1
## 10256          sus_scrofa_usmarc_otherfeatures_98_1
## 10257          sus_scrofa_usmarc_otherfeatures_99_1
## 10258          sus_scrofa_usmarc_rnaseq_97_1
## 10259          sus_scrofa_usmarc_rnaseq_98_1
## 10260          sus_scrofa_usmarc_rnaseq_99_1
## 10261          sus_scrofa_variation_57_9a
## 10262          sus_scrofa_variation_58_9b
## 10263          sus_scrofa_variation_59_9c
## 10264          sus_scrofa_variation_60_9d
## 10265          sus_scrofa_variation_61_9e
## 10266          sus_scrofa_variation_62_9f
## 10267          sus_scrofa_variation_63_9
## 10268          sus_scrofa_variation_64_9
## 10269          sus_scrofa_variation_65_9
## 10270          sus_scrofa_variation_66_9

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## 10271	sus_scrofa_variation_67_102
## 10272	sus_scrofa_variation_68_102
## 10273	sus_scrofa_variation_69_102
## 10274	sus_scrofa_variation_70_102
## 10275	sus_scrofa_variation_71_102
## 10276	sus_scrofa_variation_72_102
## 10277	sus_scrofa_variation_73_102
## 10278	sus_scrofa_variation_74_102
## 10279	sus_scrofa_variation_75_102
## 10280	sus_scrofa_variation_76_102
## 10281	sus_scrofa_variation_77_102
## 10282	sus_scrofa_variation_78_102
## 10283	sus_scrofa_variation_79_102
## 10284	sus_scrofa_variation_80_102
## 10285	sus_scrofa_variation_81_102
## 10286	sus_scrofa_variation_82_102
## 10287	sus_scrofa_variation_83_102
## 10288	sus_scrofa_variation_84_102
## 10289	sus_scrofa_variation_85_102
## 10290	sus_scrofa_variation_86_102
## 10291	sus_scrofa_variation_87_102
## 10292	sus_scrofa_variation_88_102
## 10293	sus_scrofa_variation_89_102
## 10294	sus_scrofa_variation_90_111
## 10295	sus_scrofa_variation_91_111
## 10296	sus_scrofa_variation_92_111
## 10297	sus_scrofa_variation_93_111
## 10298	sus_scrofa_variation_94_111
## 10299	sus_scrofa_variation_95_111
## 10300	sus_scrofa_variation_96_111
## 10301	sus_scrofa_variation_97_111
## 10302	sus_scrofa_variation_98_111
## 10303	sus_scrofa_variation_99_111
## 10304	sus_scrofa_vega_69_102
## 10305	sus_scrofa_vega_70_102
## 10306	sus_scrofa_vega_71_102
## 10307	sus_scrofa_vega_72_102
## 10308	sus_scrofa_vega_73_102
## 10309	sus_scrofa_vega_74_102
## 10310	sus_scrofa_vega_75_102
## 10311	sus_scrofa_vega_76_102
## 10312	sus_scrofa_vega_77_102
## 10313	sus_scrofa_vega_78_102
## 10314	sus_scrofa_vega_79_102
## 10315	sus_scrofa_vega_80_102
## 10316	sus_scrofa_vega_81_102
## 10317	sus_scrofa_vega_82_102
## 10318	sus_scrofa_vega_83_102
## 10319	sus_scrofa_vega_84_102
## 10320	sus_scrofa_vega_85_102
## 10321	sus_scrofa_vega_86_102
## 10322	sus_scrofa_vega_87_102
## 10323	sus_scrofa_vega_88_102
## 10324	sus_scrofa_wuzhishan_core_98_10

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## 10325          sus_scrofa_wuzhishan_core_99_10
## 10326      sus_scrofa_wuzhishan_otherfeatures_98_10
## 10327      sus_scrofa_wuzhishan_otherfeatures_99_10
## 10328          sus_scrofa_wuzhishan_rnaseq_98_10
## 10329          sus_scrofa_wuzhishan_rnaseq_99_10
## 10330          taeniopygia_guttata_core_53_1
## 10331          taeniopygia_guttata_core_54_1a
## 10332          taeniopygia_guttata_core_55_1b
## 10333          taeniopygia_guttata_core_56_1c
## 10334          taeniopygia_guttata_core_57_1c
## 10335          taeniopygia_guttata_core_58_1d
## 10336          taeniopygia_guttata_core_59_1e
## 10337          taeniopygia_guttata_core_60_1f
## 10338          taeniopygia_guttata_core_61_1g
## 10339          taeniopygia_guttata_core_62_1h
## 10340          taeniopygia_guttata_core_63_1
## 10341          taeniopygia_guttata_core_64_1
## 10342          taeniopygia_guttata_core_65_1
## 10343          taeniopygia_guttata_core_66_1
## 10344          taeniopygia_guttata_core_67_1
## 10345          taeniopygia_guttata_core_68_1
## 10346          taeniopygia_guttata_core_69_1
## 10347          taeniopygia_guttata_core_70_1
## 10348          taeniopygia_guttata_core_71_1
## 10349          taeniopygia_guttata_core_72_1
## 10350          taeniopygia_guttata_core_73_1
## 10351          taeniopygia_guttata_core_74_1
## 10352          taeniopygia_guttata_core_75_1
## 10353          taeniopygia_guttata_core_76_1
## 10354          taeniopygia_guttata_core_77_1
## 10355          taeniopygia_guttata_core_78_1
## 10356          taeniopygia_guttata_core_79_1
## 10357          taeniopygia_guttata_core_80_1
## 10358          taeniopygia_guttata_core_81_1
## 10359          taeniopygia_guttata_core_82_1
## 10360          taeniopygia_guttata_core_83_1
## 10361          taeniopygia_guttata_core_84_1
## 10362          taeniopygia_guttata_core_85_1
## 10363          taeniopygia_guttata_core_86_1
## 10364          taeniopygia_guttata_core_87_1
## 10365          taeniopygia_guttata_core_88_1
## 10366          taeniopygia_guttata_core_89_1
## 10367          taeniopygia_guttata_core_90_1
## 10368          taeniopygia_guttata_core_91_1
## 10369          taeniopygia_guttata_core_92_1
## 10370          taeniopygia_guttata_core_93_1
## 10371          taeniopygia_guttata_core_94_1
## 10372          taeniopygia_guttata_core_95_1
## 10373          taeniopygia_guttata_core_96_1
## 10374          taeniopygia_guttata_core_97_1
## 10375          taeniopygia_guttata_core_98_1
## 10376          taeniopygia_guttata_core_99_12
## 10377      taeniopygia_guttata_otherfeatures_53_1
## 10378      taeniopygia_guttata_otherfeatures_54_1a

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## 10379 taeniopygia_guttata_otherfeatures_55_1b
## 10380 taeniopygia_guttata_otherfeatures_56_1c
## 10381 taeniopygia_guttata_otherfeatures_57_1c
## 10382 taeniopygia_guttata_otherfeatures_58_1d
## 10383 taeniopygia_guttata_otherfeatures_59_1e
## 10384 taeniopygia_guttata_otherfeatures_60_1f
## 10385 taeniopygia_guttata_otherfeatures_61_1g
## 10386 taeniopygia_guttata_otherfeatures_62_1h
## 10387 taeniopygia_guttata_otherfeatures_63_1
## 10388 taeniopygia_guttata_otherfeatures_64_1
## 10389 taeniopygia_guttata_otherfeatures_65_1
## 10390 taeniopygia_guttata_otherfeatures_66_1
## 10391 taeniopygia_guttata_otherfeatures_67_1
## 10392 taeniopygia_guttata_otherfeatures_68_1
## 10393 taeniopygia_guttata_otherfeatures_69_1
## 10394 taeniopygia_guttata_otherfeatures_70_1
## 10395 taeniopygia_guttata_otherfeatures_71_1
## 10396 taeniopygia_guttata_otherfeatures_72_1
## 10397 taeniopygia_guttata_otherfeatures_73_1
## 10398 taeniopygia_guttata_otherfeatures_74_1
## 10399 taeniopygia_guttata_otherfeatures_75_1
## 10400 taeniopygia_guttata_otherfeatures_76_1
## 10401 taeniopygia_guttata_otherfeatures_77_1
## 10402 taeniopygia_guttata_otherfeatures_78_1
## 10403 taeniopygia_guttata_otherfeatures_79_1
## 10404 taeniopygia_guttata_otherfeatures_80_1
## 10405 taeniopygia_guttata_otherfeatures_81_1
## 10406 taeniopygia_guttata_otherfeatures_82_1
## 10407 taeniopygia_guttata_otherfeatures_83_1
## 10408 taeniopygia_guttata_otherfeatures_84_1
## 10409 taeniopygia_guttata_otherfeatures_85_1
## 10410 taeniopygia_guttata_otherfeatures_86_1
## 10411 taeniopygia_guttata_otherfeatures_87_1
## 10412 taeniopygia_guttata_otherfeatures_88_1
## 10413 taeniopygia_guttata_otherfeatures_89_1
## 10414 taeniopygia_guttata_otherfeatures_90_1
## 10415 taeniopygia_guttata_otherfeatures_91_1
## 10416 taeniopygia_guttata_otherfeatures_92_1
## 10417 taeniopygia_guttata_otherfeatures_93_1
## 10418 taeniopygia_guttata_otherfeatures_94_1
## 10419 taeniopygia_guttata_otherfeatures_95_1
## 10420 taeniopygia_guttata_otherfeatures_96_1
## 10421 taeniopygia_guttata_otherfeatures_97_1
## 10422 taeniopygia_guttata_otherfeatures_98_1
## 10423 taeniopygia_guttata_otherfeatures_99_12
## 10424 taeniopygia_guttata_rnaseq_99_12
## 10425 taeniopygia_guttata_variation_54_1a
## 10426 taeniopygia_guttata_variation_55_1b
## 10427 taeniopygia_guttata_variation_56_1c
## 10428 taeniopygia_guttata_variation_57_1c
## 10429 taeniopygia_guttata_variation_58_1d
## 10430 taeniopygia_guttata_variation_59_1e
## 10431 taeniopygia_guttata_variation_60_1f
## 10432 taeniopygia_guttata_variation_61_1g

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## 10433 taeniopygia_guttata_variation_62_1h
## 10434 taeniopygia_guttata_variation_63_1
## 10435 taeniopygia_guttata_variation_64_1
## 10436 taeniopygia_guttata_variation_65_1
## 10437 taeniopygia_guttata_variation_66_1
## 10438 taeniopygia_guttata_variation_67_1
## 10439 taeniopygia_guttata_variation_68_1
## 10440 taeniopygia_guttata_variation_69_1
## 10441 taeniopygia_guttata_variation_70_1
## 10442 taeniopygia_guttata_variation_71_1
## 10443 taeniopygia_guttata_variation_72_1
## 10444 taeniopygia_guttata_variation_73_1
## 10445 taeniopygia_guttata_variation_74_1
## 10446 taeniopygia_guttata_variation_75_1
## 10447 taeniopygia_guttata_variation_76_1
## 10448 taeniopygia_guttata_variation_77_1
## 10449 taeniopygia_guttata_variation_78_1
## 10450 taeniopygia_guttata_variation_79_1
## 10451 taeniopygia_guttata_variation_80_1
## 10452 taeniopygia_guttata_variation_81_1
## 10453 taeniopygia_guttata_variation_82_1
## 10454 taeniopygia_guttata_variation_83_1
## 10455 taeniopygia_guttata_variation_84_1
## 10456 taeniopygia_guttata_variation_85_1
## 10457 taeniopygia_guttata_variation_86_1
## 10458 taeniopygia_guttata_variation_87_1
## 10459 taeniopygia_guttata_variation_88_1
## 10460 taeniopygia_guttata_variation_89_1
## 10461 taeniopygia_guttata_variation_90_1
## 10462 taeniopygia_guttata_variation_91_1
## 10463 taeniopygia_guttata_variation_92_1
## 10464 taeniopygia_guttata_variation_93_1
## 10465 taeniopygia_guttata_variation_94_1
## 10466 taeniopygia_guttata_variation_95_1
## 10467 taeniopygia_guttata_variation_96_1
## 10468 taeniopygia_guttata_variation_97_1
## 10469 taeniopygia_guttata_variation_98_1
## 10470 taeniopygia_guttata_variation_99_12
## 10471 takifugu_rubripes_core_48_4h
## 10472 takifugu_rubripes_core_49_4i
## 10473 takifugu_rubripes_core_50_4j
## 10474 takifugu_rubripes_core_51_4j
## 10475 takifugu_rubripes_core_52_4k
## 10476 takifugu_rubripes_core_53_4k
## 10477 takifugu_rubripes_core_54_4k
## 10478 takifugu_rubripes_core_55_4k
## 10479 takifugu_rubripes_core_56_4k
## 10480 takifugu_rubripes_core_57_4k
## 10481 takifugu_rubripes_core_58_4l
## 10482 takifugu_rubripes_core_59_4m
## 10483 takifugu_rubripes_core_60_4n
## 10484 takifugu_rubripes_core_61_4o
## 10485 takifugu_rubripes_core_62_4p
## 10486 takifugu_rubripes_core_63_4

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## 10487      takifugu_rubripes_core_64_4
## 10488      takifugu_rubripes_core_65_4
## 10489      takifugu_rubripes_core_66_4
## 10490      takifugu_rubripes_core_67_4
## 10491      takifugu_rubripes_core_68_4
## 10492      takifugu_rubripes_core_69_4
## 10493      takifugu_rubripes_core_70_4
## 10494      takifugu_rubripes_core_71_4
## 10495      takifugu_rubripes_core_72_4
## 10496      takifugu_rubripes_core_73_4
## 10497      takifugu_rubripes_core_74_4
## 10498      takifugu_rubripes_core_75_4
## 10499      takifugu_rubripes_core_76_4
## 10500      takifugu_rubripes_core_77_4
## 10501      takifugu_rubripes_core_78_4
## 10502      takifugu_rubripes_core_79_4
## 10503      takifugu_rubripes_core_80_4
## 10504      takifugu_rubripes_core_81_4
## 10505      takifugu_rubripes_core_82_4
## 10506      takifugu_rubripes_core_83_4
## 10507      takifugu_rubripes_core_84_4
## 10508      takifugu_rubripes_core_85_4
## 10509      takifugu_rubripes_core_86_4
## 10510      takifugu_rubripes_core_87_4
## 10511      takifugu_rubripes_core_88_4
## 10512      takifugu_rubripes_core_89_4
## 10513      takifugu_rubripes_core_90_4
## 10514      takifugu_rubripes_core_91_4
## 10515      takifugu_rubripes_core_92_4
## 10516      takifugu_rubripes_core_93_4
## 10517      takifugu_rubripes_core_94_5
## 10518      takifugu_rubripes_core_95_5
## 10519      takifugu_rubripes_core_96_5
## 10520      takifugu_rubripes_core_97_5
## 10521      takifugu_rubripes_core_98_5
## 10522      takifugu_rubripes_core_99_12
## 10523      takifugu_rubripes_otherfeatures_48_4h
## 10524      takifugu_rubripes_otherfeatures_49_4i
## 10525      takifugu_rubripes_otherfeatures_50_4j
## 10526      takifugu_rubripes_otherfeatures_51_4j
## 10527      takifugu_rubripes_otherfeatures_52_4k
## 10528      takifugu_rubripes_otherfeatures_53_4k
## 10529      takifugu_rubripes_otherfeatures_54_4k
## 10530      takifugu_rubripes_otherfeatures_55_4k
## 10531      takifugu_rubripes_otherfeatures_56_4k
## 10532      takifugu_rubripes_otherfeatures_57_4k
## 10533      takifugu_rubripes_otherfeatures_58_4l
## 10534      takifugu_rubripes_otherfeatures_59_4m
## 10535      takifugu_rubripes_otherfeatures_60_4n
## 10536      takifugu_rubripes_otherfeatures_61_4o
## 10537      takifugu_rubripes_otherfeatures_62_4p
## 10538      takifugu_rubripes_otherfeatures_63_4
## 10539      takifugu_rubripes_otherfeatures_64_4
## 10540      takifugu_rubripes_otherfeatures_65_4

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## 10541      takifugu_rubripes_otherfeatures_66_4
## 10542      takifugu_rubripes_otherfeatures_67_4
## 10543      takifugu_rubripes_otherfeatures_68_4
## 10544      takifugu_rubripes_otherfeatures_69_4
## 10545      takifugu_rubripes_otherfeatures_70_4
## 10546      takifugu_rubripes_otherfeatures_71_4
## 10547      takifugu_rubripes_otherfeatures_72_4
## 10548      takifugu_rubripes_otherfeatures_73_4
## 10549      takifugu_rubripes_otherfeatures_74_4
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## 10551      takifugu_rubripes_otherfeatures_76_4
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## 10554      takifugu_rubripes_otherfeatures_79_4
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## 10556      takifugu_rubripes_otherfeatures_81_4
## 10557      takifugu_rubripes_otherfeatures_82_4
## 10558      takifugu_rubripes_otherfeatures_83_4
## 10559      takifugu_rubripes_otherfeatures_84_4
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## 10562      takifugu_rubripes_otherfeatures_87_4
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## 10572      takifugu_rubripes_otherfeatures_96_5
## 10573      takifugu_rubripes_otherfeatures_97_5
## 10574      takifugu_rubripes_otherfeatures_98_5
## 10575      takifugu_rubripes_otherfeatures_99_12
## 10576      takifugu_rubripes_rnaseq_94_5
## 10577      takifugu_rubripes_rnaseq_95_5
## 10578      takifugu_rubripes_rnaseq_96_5
## 10579      takifugu_rubripes_rnaseq_97_5
## 10580      takifugu_rubripes_rnaseq_98_5
## 10581      takifugu_rubripes_rnaseq_99_12
## 10582      tarsius_syrichta_core_51_1
## 10583      tarsius_syrichta_core_52_1a
## 10584      tarsius_syrichta_core_53_1b
## 10585      tarsius_syrichta_core_54_1c
## 10586      tarsius_syrichta_core_55_1c
## 10587      tarsius_syrichta_core_56_1c
## 10588      tarsius_syrichta_core_57_1c
## 10589      tarsius_syrichta_core_58_1d
## 10590      tarsius_syrichta_core_59_1e
## 10591      tarsius_syrichta_core_60_1f
## 10592      tarsius_syrichta_core_61_1g
## 10593      tarsius_syrichta_core_62_1h
## 10594      tarsius_syrichta_core_63_1

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## 10595 tarsius_syrichta_core_64_1
## 10596 tarsius_syrichta_core_65_1
## 10597 tarsius_syrichta_core_66_1
## 10598 tarsius_syrichta_core_67_1
## 10599 tarsius_syrichta_core_68_1
## 10600 tarsius_syrichta_core_69_1
## 10601 tarsius_syrichta_core_70_1
## 10602 tarsius_syrichta_core_71_1
## 10603 tarsius_syrichta_core_72_1
## 10604 tarsius_syrichta_core_73_1
## 10605 tarsius_syrichta_core_74_1
## 10606 tarsius_syrichta_core_75_1
## 10607 tarsius_syrichta_core_76_1
## 10608 tarsius_syrichta_core_77_1
## 10609 tarsius_syrichta_core_78_1
## 10610 tarsius_syrichta_core_79_1
## 10611 tarsius_syrichta_core_80_1
## 10612 tarsius_syrichta_core_81_1
## 10613 tarsius_syrichta_core_82_1
## 10614 tarsius_syrichta_core_83_1
## 10615 tarsius_syrichta_core_84_1
## 10616 tarsius_syrichta_core_85_1
## 10617 tarsius_syrichta_core_86_1
## 10618 tarsius_syrichta_core_87_1
## 10619 tarsius_syrichta_core_88_1
## 10620 terrapene_carolina_triunguis_core_99_2
## 10621 terrapene_carolina_triunguis_otherfeatures_99_2
## 10622 terrapene_carolina_triunguis_rnaseq_99_2
## 10623 tetraodon_nigroviridis_core_48_1j
## 10624 tetraodon_nigroviridis_core_49_1k
## 10625 tetraodon_nigroviridis_core_50_8
## 10626 tetraodon_nigroviridis_core_51_8a
## 10627 tetraodon_nigroviridis_core_52_8b
## 10628 tetraodon_nigroviridis_core_53_8b
## 10629 tetraodon_nigroviridis_core_54_8b
## 10630 tetraodon_nigroviridis_core_55_8b
## 10631 tetraodon_nigroviridis_core_56_8b
## 10632 tetraodon_nigroviridis_core_57_8b
## 10633 tetraodon_nigroviridis_core_58_8c
## 10634 tetraodon_nigroviridis_core_59_8d
## 10635 tetraodon_nigroviridis_core_60_8e
## 10636 tetraodon_nigroviridis_core_61_8f
## 10637 tetraodon_nigroviridis_core_62_8g
## 10638 tetraodon_nigroviridis_core_63_8
## 10639 tetraodon_nigroviridis_core_64_8
## 10640 tetraodon_nigroviridis_core_65_8
## 10641 tetraodon_nigroviridis_core_66_8
## 10642 tetraodon_nigroviridis_core_67_8
## 10643 tetraodon_nigroviridis_core_68_8
## 10644 tetraodon_nigroviridis_core_69_8
## 10645 tetraodon_nigroviridis_core_70_8
## 10646 tetraodon_nigroviridis_core_71_8
## 10647 tetraodon_nigroviridis_core_72_8
## 10648 tetraodon_nigroviridis_core_73_8

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## 10649      tetraodon_nigroviridis_core_74_8
## 10650      tetraodon_nigroviridis_core_75_8
## 10651      tetraodon_nigroviridis_core_76_8
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## 10655      tetraodon_nigroviridis_core_80_8
## 10656      tetraodon_nigroviridis_core_81_8
## 10657      tetraodon_nigroviridis_core_82_8
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## 10659      tetraodon_nigroviridis_core_84_8
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## 10673      tetraodon_nigroviridis_core_98_8
## 10674      tetraodon_nigroviridis_core_99_8
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## 10676      tetraodon_nigroviridis_otherfeatures_51_8a
## 10677      tetraodon_nigroviridis_otherfeatures_52_8b
## 10678      tetraodon_nigroviridis_otherfeatures_53_8b
## 10679      tetraodon_nigroviridis_otherfeatures_54_8b
## 10680      tetraodon_nigroviridis_otherfeatures_55_8b
## 10681      tetraodon_nigroviridis_otherfeatures_56_8b
## 10682      tetraodon_nigroviridis_otherfeatures_57_8b
## 10683      tetraodon_nigroviridis_otherfeatures_58_8c
## 10684      tetraodon_nigroviridis_otherfeatures_59_8d
## 10685      tetraodon_nigroviridis_otherfeatures_60_8e
## 10686      tetraodon_nigroviridis_otherfeatures_61_8f
## 10687      tetraodon_nigroviridis_otherfeatures_62_8g
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## 10690      tetraodon_nigroviridis_otherfeatures_65_8
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## 10692      tetraodon_nigroviridis_otherfeatures_67_8
## 10693      tetraodon_nigroviridis_otherfeatures_68_8
## 10694      tetraodon_nigroviridis_otherfeatures_69_8
## 10695      tetraodon_nigroviridis_otherfeatures_70_8
## 10696      tetraodon_nigroviridis_otherfeatures_71_8
## 10697      tetraodon_nigroviridis_otherfeatures_72_8
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## 10699      tetraodon_nigroviridis_otherfeatures_74_8
## 10700      tetraodon_nigroviridis_otherfeatures_75_8
## 10701      tetraodon_nigroviridis_otherfeatures_76_8
## 10702      tetraodon_nigroviridis_otherfeatures_77_8

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## 10703      tetraodon_nigroviridis_otherfeatures_78_8
## 10704      tetraodon_nigroviridis_otherfeatures_79_8
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## 10707      tetraodon_nigroviridis_otherfeatures_82_8
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## 10709      tetraodon_nigroviridis_otherfeatures_84_8
## 10710      tetraodon_nigroviridis_otherfeatures_85_8
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## 10712      tetraodon_nigroviridis_otherfeatures_87_8
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## 10717      tetraodon_nigroviridis_otherfeatures_92_8
## 10718      tetraodon_nigroviridis_otherfeatures_93_8
## 10719      tetraodon_nigroviridis_otherfeatures_94_8
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## 10723      tetraodon_nigroviridis_otherfeatures_98_8
## 10724      tetraodon_nigroviridis_otherfeatures_99_8
## 10725      tetraodon_nigroviridis_variation_48_1j
## 10726      tetraodon_nigroviridis_variation_49_1k
## 10727      tetraodon_nigroviridis_variation_50_8
## 10728      tetraodon_nigroviridis_variation_51_8a
## 10729      tetraodon_nigroviridis_variation_52_8b
## 10730      tetraodon_nigroviridis_variation_53_8b
## 10731      tetraodon_nigroviridis_variation_54_8b
## 10732      tetraodon_nigroviridis_variation_55_8b
## 10733      tetraodon_nigroviridis_variation_56_8b
## 10734      tetraodon_nigroviridis_variation_57_8b
## 10735      tetraodon_nigroviridis_variation_58_8c
## 10736      tetraodon_nigroviridis_variation_59_8d
## 10737      tetraodon_nigroviridis_variation_60_8e
## 10738      tetraodon_nigroviridis_variation_61_8f
## 10739      tetraodon_nigroviridis_variation_62_8g
## 10740      tetraodon_nigroviridis_variation_63_8
## 10741      tetraodon_nigroviridis_variation_64_8
## 10742      tetraodon_nigroviridis_variation_65_8
## 10743      tetraodon_nigroviridis_variation_66_8
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## 10753      tetraodon_nigroviridis_variation_76_8
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## 10755      tetraodon_nigroviridis_variation_78_8
## 10756      tetraodon_nigroviridis_variation_79_8

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## 10757	tetraodon_nigroviridis_variation_80_8
## 10758	tetraodon_nigroviridis_variation_81_8
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## 10763	tetraodon_nigroviridis_variation_86_8
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## 10767	tetraodon_nigroviridis_variation_90_8
## 10768	tetraodon_nigroviridis_variation_91_8
## 10769	tetraodon_nigroviridis_variation_92_8
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## 10778	theropithecus_gelada_core_97_1
## 10779	theropithecus_gelada_core_98_1
## 10780	theropithecus_gelada_core_99_1
## 10781	theropithecus_gelada_funcgen_96_1
## 10782	theropithecus_gelada_funcgen_97_1
## 10783	theropithecus_gelada_funcgen_98_1
## 10784	theropithecus_gelada_funcgen_99_1
## 10785	theropithecus_gelada_rnaseq_96_1
## 10786	theropithecus_gelada_rnaseq_97_1
## 10787	theropithecus_gelada_rnaseq_98_1
## 10788	theropithecus_gelada_rnaseq_99_1
## 10789	tupaia_belangeri_core_48_1c
## 10790	tupaia_belangeri_core_49_1d
## 10791	tupaia_belangeri_core_50_1e
## 10792	tupaia_belangeri_core_51_1e
## 10793	tupaia_belangeri_core_52_1f
## 10794	tupaia_belangeri_core_53_1f
## 10795	tupaia_belangeri_core_54_1f
## 10796	tupaia_belangeri_core_55_1f
## 10797	tupaia_belangeri_core_56_1f
## 10798	tupaia_belangeri_core_57_1f
## 10799	tupaia_belangeri_core_58_1g
## 10800	tupaia_belangeri_core_59_1h
## 10801	tupaia_belangeri_core_60_1i
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## 10803	tupaia_belangeri_core_62_1k
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## 10805	tupaia_belangeri_core_64_1
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## 10807	tupaia_belangeri_core_66_1
## 10808	tupaia_belangeri_core_67_1
## 10809	tupaia_belangeri_core_68_1
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## 10811	tupaia_belangeri_core_70_1
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## 10813	tupaia_belangeri_core_72_1
## 10814	tupaia_belangeri_core_73_1
## 10815	tupaia_belangeri_core_74_1
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## 10823	tupaia_belangeri_core_82_1
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## 10839	tupaia_belangeri_core_98_1
## 10840	tupaia_belangeri_core_99_1
## 10841	tursiops_truncatus_core_51_1
## 10842	tursiops_truncatus_core_52_1a
## 10843	tursiops_truncatus_core_53_1b
## 10844	tursiops_truncatus_core_54_1c
## 10845	tursiops_truncatus_core_55_1c
## 10846	tursiops_truncatus_core_56_1c
## 10847	tursiops_truncatus_core_57_1c
## 10848	tursiops_truncatus_core_58_1d
## 10849	tursiops_truncatus_core_59_1e
## 10850	tursiops_truncatus_core_60_1f
## 10851	tursiops_truncatus_core_61_1g
## 10852	tursiops_truncatus_core_62_1h
## 10853	tursiops_truncatus_core_63_1
## 10854	tursiops_truncatus_core_64_1
## 10855	tursiops_truncatus_core_65_1
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## 10859	tursiops_truncatus_core_69_1
## 10860	tursiops_truncatus_core_70_1
## 10861	tursiops_truncatus_core_71_1
## 10862	tursiops_truncatus_core_72_1
## 10863	tursiops_truncatus_core_73_1
## 10864	tursiops_truncatus_core_74_1

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## 10865      tursiops_truncatus_core_75_1
## 10866      tursiops_truncatus_core_76_1
## 10867      tursiops_truncatus_core_77_1
## 10868      tursiops_truncatus_core_78_1
## 10869      tursiops_truncatus_core_79_1
## 10870      tursiops_truncatus_core_80_1
## 10871      tursiops_truncatus_core_81_1
## 10872      tursiops_truncatus_core_82_1
## 10873      tursiops_truncatus_core_83_1
## 10874      tursiops_truncatus_core_84_1
## 10875      tursiops_truncatus_core_85_1
## 10876      tursiops_truncatus_core_86_1
## 10877      tursiops_truncatus_core_87_1
## 10878      tursiops_truncatus_core_88_1
## 10879      tursiops_truncatus_core_89_1
## 10880      tursiops_truncatus_core_90_1
## 10881      tursiops_truncatus_core_91_1
## 10882      tursiops_truncatus_core_92_1
## 10883      tursiops_truncatus_core_93_1
## 10884      tursiops_truncatus_core_94_1
## 10885      tursiops_truncatus_core_95_1
## 10886      tursiops_truncatus_core_96_1
## 10887      tursiops_truncatus_core_97_1
## 10888      tursiops_truncatus_core_98_1
## 10889      tursiops_truncatus_core_99_1
## 10890      urocitellus_parryii_core_96_1
## 10891      urocitellus_parryii_core_97_1
## 10892      urocitellus_parryii_core_98_1
## 10893      urocitellus_parryii_core_99_1
## 10894      urocitellus_parryii_rnaseq_96_1
## 10895      urocitellus_parryii_rnaseq_97_1
## 10896      urocitellus_parryii_rnaseq_98_1
## 10897      urocitellus_parryii_rnaseq_99_1
## 10898      ursus_americanus_core_95_1
## 10899      ursus_americanus_core_96_1
## 10900      ursus_americanus_core_97_1
## 10901      ursus_americanus_core_98_1
## 10902      ursus_americanus_core_99_1
## 10903      ursus_americanus_rnaseq_95_1
## 10904      ursus_americanus_rnaseq_96_1
## 10905      ursus_americanus_rnaseq_97_1
## 10906      ursus_americanus_rnaseq_98_1
## 10907      ursus_americanus_rnaseq_99_1
## 10908      ursus_maritimus_core_95_1
## 10909      ursus_maritimus_core_96_1
## 10910      ursus_maritimus_core_97_1
## 10911      ursus_maritimus_core_98_1
## 10912      ursus_maritimus_core_99_1
## 10913      ursus_maritimus_otherfeatures_95_1
## 10914      ursus_maritimus_otherfeatures_96_1
## 10915      ursus_maritimus_otherfeatures_97_1
## 10916      ursus_maritimus_otherfeatures_98_1
## 10917      ursus_maritimus_otherfeatures_99_1
## 10918      ursus_maritimus_rnaseq_95_1

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## 10919      ursus_maritimus_rnaseq_96_1
## 10920      ursus_maritimus_rnaseq_97_1
## 10921      ursus_maritimus_rnaseq_98_1
## 10922      ursus_maritimus_rnaseq_99_1
## 10923      varanus_komodoensis_core_99_1
## 10924      varanus_komodoensis_rnaseq_99_1
## 10925      vicugna_pacos_core_51_1
## 10926      vicugna_pacos_core_52_1a
## 10927      vicugna_pacos_core_53_1b
## 10928      vicugna_pacos_core_54_1c
## 10929      vicugna_pacos_core_55_1c
## 10930      vicugna_pacos_core_56_1c
## 10931      vicugna_pacos_core_57_1c
## 10932      vicugna_pacos_core_58_1d
## 10933      vicugna_pacos_core_59_1e
## 10934      vicugna_pacos_core_60_1f
## 10935      vicugna_pacos_core_61_1g
## 10936      vicugna_pacos_core_62_1h
## 10937      vicugna_pacos_core_63_1
## 10938      vicugna_pacos_core_64_1
## 10939      vicugna_pacos_core_65_1
## 10940      vicugna_pacos_core_66_1
## 10941      vicugna_pacos_core_67_1
## 10942      vicugna_pacos_core_68_1
## 10943      vicugna_pacos_core_69_1
## 10944      vicugna_pacos_core_70_1
## 10945      vicugna_pacos_core_71_1
## 10946      vicugna_pacos_core_72_1
## 10947      vicugna_pacos_core_73_1
## 10948      vicugna_pacos_core_74_1
## 10949      vicugna_pacos_core_75_1
## 10950      vicugna_pacos_core_76_1
## 10951      vicugna_pacos_core_77_1
## 10952      vicugna_pacos_core_78_1
## 10953      vicugna_pacos_core_79_1
## 10954      vicugna_pacos_core_80_1
## 10955      vicugna_pacos_core_81_1
## 10956      vicugna_pacos_core_82_1
## 10957      vicugna_pacos_core_83_1
## 10958      vicugna_pacos_core_84_1
## 10959      vicugna_pacos_core_85_1
## 10960      vicugna_pacos_core_86_1
## 10961      vicugna_pacos_core_87_1
## 10962      vicugna_pacos_core_88_1
## 10963      vicugna_pacos_core_89_1
## 10964      vicugna_pacos_core_90_1
## 10965      vicugna_pacos_core_91_1
## 10966      vicugna_pacos_core_92_1
## 10967      vicugna_pacos_core_93_1
## 10968      vicugna_pacos_core_94_1
## 10969      vicugna_pacos_core_95_1
## 10970      vicugna_pacos_core_96_1
## 10971      vicugna_pacos_core_97_1
## 10972      vicugna_pacos_core_98_1

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## 10973          vicugna_pacos_core_99_1
## 10974          vombatus_ursinus_core_97_1
## 10975          vombatus_ursinus_core_98_1
## 10976          vombatus_ursinus_core_99_1
## 10977          vombatus_ursinus_otherfeatures_97_1
## 10978          vombatus_ursinus_otherfeatures_98_1
## 10979          vombatus_ursinus_otherfeatures_99_1
## 10980          vombatus_ursinus_rnaseq_97_1
## 10981          vombatus_ursinus_rnaseq_98_1
## 10982          vombatus_ursinus_rnaseq_99_1
## 10983          vulpes_vulpes_core_95_22
## 10984          vulpes_vulpes_core_96_22
## 10985          vulpes_vulpes_core_97_22
## 10986          vulpes_vulpes_core_98_22
## 10987          vulpes_vulpes_core_99_22
## 10988          vulpes_vulpes_otherfeatures_95_22
## 10989          vulpes_vulpes_otherfeatures_96_22
## 10990          vulpes_vulpes_otherfeatures_97_22
## 10991          vulpes_vulpes_otherfeatures_98_22
## 10992          vulpes_vulpes_otherfeatures_99_22
## 10993          vulpes_vulpes_rnaseq_95_22
## 10994          vulpes_vulpes_rnaseq_96_22
## 10995          vulpes_vulpes_rnaseq_97_22
## 10996          vulpes_vulpes_rnaseq_98_22
## 10997          vulpes_vulpes_rnaseq_99_22
## 10998          xenopus_tropicalis_core_48_41h
## 10999          xenopus_tropicalis_core_49_41i
## 11000          xenopus_tropicalis_core_50_41j
## 11001          xenopus_tropicalis_core_51_41k
## 11002          xenopus_tropicalis_core_52_41l
## 11003          xenopus_tropicalis_core_53_41m
## 11004          xenopus_tropicalis_core_54_41m
## 11005          xenopus_tropicalis_core_55_41n
## 11006          xenopus_tropicalis_core_56_41n
## 11007          xenopus_tropicalis_core_57_41n
## 11008          xenopus_tropicalis_core_58_41o
## 11009          xenopus_tropicalis_core_59_41p
## 11010          xenopus_tropicalis_core_60_41q
## 11011          xenopus_tropicalis_core_61_41r
## 11012          xenopus_tropicalis_core_62_42
## 11013          xenopus_tropicalis_core_63_42
## 11014          xenopus_tropicalis_core_64_42
## 11015          xenopus_tropicalis_core_65_42
## 11016          xenopus_tropicalis_core_66_42
## 11017          xenopus_tropicalis_core_67_42
## 11018          xenopus_tropicalis_core_68_42
## 11019          xenopus_tropicalis_core_69_42
## 11020          xenopus_tropicalis_core_70_42
## 11021          xenopus_tropicalis_core_71_42
## 11022          xenopus_tropicalis_core_72_42
## 11023          xenopus_tropicalis_core_73_42
## 11024          xenopus_tropicalis_core_74_42
## 11025          xenopus_tropicalis_core_75_42
## 11026          xenopus_tropicalis_core_76_42

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## 11027	xenopus_tropicalis_core_77_42
## 11028	xenopus_tropicalis_core_78_42
## 11029	xenopus_tropicalis_core_79_42
## 11030	xenopus_tropicalis_core_80_42
## 11031	xenopus_tropicalis_core_81_42
## 11032	xenopus_tropicalis_core_82_42
## 11033	xenopus_tropicalis_core_83_42
## 11034	xenopus_tropicalis_core_84_42
## 11035	xenopus_tropicalis_core_85_42
## 11036	xenopus_tropicalis_core_86_42
## 11037	xenopus_tropicalis_core_87_42
## 11038	xenopus_tropicalis_core_88_42
## 11039	xenopus_tropicalis_core_89_42
## 11040	xenopus_tropicalis_core_90_42
## 11041	xenopus_tropicalis_core_91_42
## 11042	xenopus_tropicalis_core_92_42
## 11043	xenopus_tropicalis_core_93_42
## 11044	xenopus_tropicalis_core_94_42
## 11045	xenopus_tropicalis_core_95_42
## 11046	xenopus_tropicalis_core_96_42
## 11047	xenopus_tropicalis_core_97_42
## 11048	xenopus_tropicalis_core_98_91
## 11049	xenopus_tropicalis_core_99_91
## 11050	xenopus_tropicalis_funcgen_55_41n
## 11051	xenopus_tropicalis_funcgen_56_41n
## 11052	xenopus_tropicalis_funcgen_57_41n
## 11053	xenopus_tropicalis_funcgen_58_41o
## 11054	xenopus_tropicalis_funcgen_59_41p
## 11055	xenopus_tropicalis_funcgen_60_41q
## 11056	xenopus_tropicalis_funcgen_61_41r
## 11057	xenopus_tropicalis_funcgen_62_42
## 11058	xenopus_tropicalis_funcgen_63_42
## 11059	xenopus_tropicalis_funcgen_64_42
## 11060	xenopus_tropicalis_funcgen_65_42
## 11061	xenopus_tropicalis_funcgen_66_42
## 11062	xenopus_tropicalis_funcgen_67_42
## 11063	xenopus_tropicalis_funcgen_68_42
## 11064	xenopus_tropicalis_funcgen_69_42
## 11065	xenopus_tropicalis_funcgen_70_42
## 11066	xenopus_tropicalis_funcgen_71_42
## 11067	xenopus_tropicalis_funcgen_72_42
## 11068	xenopus_tropicalis_funcgen_73_42
## 11069	xenopus_tropicalis_funcgen_74_42
## 11070	xenopus_tropicalis_funcgen_75_42
## 11071	xenopus_tropicalis_funcgen_76_42
## 11072	xenopus_tropicalis_funcgen_77_42
## 11073	xenopus_tropicalis_funcgen_78_42
## 11074	xenopus_tropicalis_funcgen_79_42
## 11075	xenopus_tropicalis_funcgen_80_42
## 11076	xenopus_tropicalis_funcgen_81_42
## 11077	xenopus_tropicalis_funcgen_82_42
## 11078	xenopus_tropicalis_funcgen_83_42
## 11079	xenopus_tropicalis_funcgen_84_42
## 11080	xenopus_tropicalis_funcgen_85_42

```

## 11081          xenopus_tropicalis_funcgen_86_42
## 11082          xenopus_tropicalis_funcgen_87_42
## 11083          xenopus_tropicalis_funcgen_88_42
## 11084          xenopus_tropicalis_funcgen_89_42
## 11085          xenopus_tropicalis_funcgen_90_42
## 11086          xenopus_tropicalis_funcgen_91_42
## 11087          xenopus_tropicalis_funcgen_92_42
## 11088          xenopus_tropicalis_funcgen_93_42
## 11089          xenopus_tropicalis_funcgen_94_42
## 11090          xenopus_tropicalis_funcgen_95_42
## 11091          xenopus_tropicalis_funcgen_96_42
## 11092          xenopus_tropicalis_funcgen_97_42
## 11093          xenopus_tropicalis_otherfeatures_48_41h
## 11094          xenopus_tropicalis_otherfeatures_49_41i
## 11095          xenopus_tropicalis_otherfeatures_50_41j
## 11096          xenopus_tropicalis_otherfeatures_51_41k
## 11097          xenopus_tropicalis_otherfeatures_52_41l
## 11098          xenopus_tropicalis_otherfeatures_53_41m
## 11099          xenopus_tropicalis_otherfeatures_54_41m
## 11100          xenopus_tropicalis_otherfeatures_55_41n
## 11101          xenopus_tropicalis_otherfeatures_56_41n
## 11102          xenopus_tropicalis_otherfeatures_57_41n
## 11103          xenopus_tropicalis_otherfeatures_58_41o
## 11104          xenopus_tropicalis_otherfeatures_59_41p
## 11105          xenopus_tropicalis_otherfeatures_60_41q
## 11106          xenopus_tropicalis_otherfeatures_61_41r
## 11107          xenopus_tropicalis_otherfeatures_62_42
## 11108          xenopus_tropicalis_otherfeatures_63_42
## 11109          xenopus_tropicalis_otherfeatures_64_42
## 11110          xenopus_tropicalis_otherfeatures_65_42
## 11111          xenopus_tropicalis_otherfeatures_66_42
## 11112          xenopus_tropicalis_otherfeatures_67_42
## 11113          xenopus_tropicalis_otherfeatures_68_42
## 11114          xenopus_tropicalis_otherfeatures_69_42
## 11115          xenopus_tropicalis_otherfeatures_70_42
## 11116          xenopus_tropicalis_otherfeatures_71_42
## 11117          xenopus_tropicalis_otherfeatures_72_42
## 11118          xenopus_tropicalis_otherfeatures_73_42
## 11119          xenopus_tropicalis_otherfeatures_74_42
## 11120          xenopus_tropicalis_otherfeatures_75_42
## 11121          xenopus_tropicalis_otherfeatures_76_42
## 11122          xenopus_tropicalis_otherfeatures_77_42
## 11123          xenopus_tropicalis_otherfeatures_78_42
## 11124          xenopus_tropicalis_otherfeatures_79_42
## 11125          xenopus_tropicalis_otherfeatures_80_42
## 11126          xenopus_tropicalis_otherfeatures_81_42
## 11127          xenopus_tropicalis_otherfeatures_82_42
## 11128          xenopus_tropicalis_otherfeatures_83_42
## 11129          xenopus_tropicalis_otherfeatures_84_42
## 11130          xenopus_tropicalis_otherfeatures_85_42
## 11131          xenopus_tropicalis_otherfeatures_86_42
## 11132          xenopus_tropicalis_otherfeatures_87_42
## 11133          xenopus_tropicalis_otherfeatures_88_42
## 11134          xenopus_tropicalis_otherfeatures_89_42

```

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## 11135      xenopus_tropicalis_otherfeatures_90_42
## 11136      xenopus_tropicalis_otherfeatures_91_42
## 11137      xenopus_tropicalis_otherfeatures_92_42
## 11138      xenopus_tropicalis_otherfeatures_93_42
## 11139      xenopus_tropicalis_otherfeatures_94_42
## 11140      xenopus_tropicalis_otherfeatures_95_42
## 11141      xenopus_tropicalis_otherfeatures_96_42
## 11142      xenopus_tropicalis_otherfeatures_97_42
## 11143      xenopus_tropicalis_otherfeatures_98_91
## 11144      xenopus_tropicalis_otherfeatures_99_91
## 11145          xenopus_tropicalis_rnaseq_98_91
## 11146          xenopus_tropicalis_rnaseq_99_91
## 11147      xiphophorus_couchianus_core_94_401
## 11148      xiphophorus_couchianus_core_95_401
## 11149      xiphophorus_couchianus_core_96_401
## 11150      xiphophorus_couchianus_core_97_401
## 11151      xiphophorus_couchianus_core_98_401
## 11152      xiphophorus_couchianus_core_99_401
## 11153          xiphophorus_maculatus_core_69_1
## 11154          xiphophorus_maculatus_core_70_1
## 11155          xiphophorus_maculatus_core_71_1
## 11156          xiphophorus_maculatus_core_72_1
## 11157          xiphophorus_maculatus_core_73_1
## 11158          xiphophorus_maculatus_core_74_1
## 11159          xiphophorus_maculatus_core_75_1
## 11160          xiphophorus_maculatus_core_76_1
## 11161          xiphophorus_maculatus_core_77_1
## 11162          xiphophorus_maculatus_core_78_1
## 11163          xiphophorus_maculatus_core_79_1
## 11164          xiphophorus_maculatus_core_80_1
## 11165          xiphophorus_maculatus_core_81_1
## 11166          xiphophorus_maculatus_core_82_1
## 11167          xiphophorus_maculatus_core_83_1
## 11168          xiphophorus_maculatus_core_84_1
## 11169          xiphophorus_maculatus_core_85_1
## 11170          xiphophorus_maculatus_core_86_1
## 11171          xiphophorus_maculatus_core_87_1
## 11172          xiphophorus_maculatus_core_88_1
## 11173          xiphophorus_maculatus_core_89_1
## 11174          xiphophorus_maculatus_core_90_1
## 11175          xiphophorus_maculatus_core_91_1
## 11176          xiphophorus_maculatus_core_92_1
## 11177          xiphophorus_maculatus_core_93_1
## 11178          xiphophorus_maculatus_core_94_5
## 11179          xiphophorus_maculatus_core_95_5
## 11180          xiphophorus_maculatus_core_96_5
## 11181          xiphophorus_maculatus_core_97_5
## 11182          xiphophorus_maculatus_core_98_5
## 11183          xiphophorus_maculatus_core_99_5
## 11184      xiphophorus_maculatus_otherfeatures_69_1
## 11185      xiphophorus_maculatus_otherfeatures_70_1
## 11186      xiphophorus_maculatus_otherfeatures_71_1
## 11187      xiphophorus_maculatus_otherfeatures_72_1
## 11188      xiphophorus_maculatus_otherfeatures_73_1

```

## 11189	xiphophorus_maculatus_otherfeatures_74_1
## 11190	xiphophorus_maculatus_otherfeatures_75_1
## 11191	xiphophorus_maculatus_otherfeatures_76_1
## 11192	xiphophorus_maculatus_otherfeatures_77_1
## 11193	xiphophorus_maculatus_otherfeatures_78_1
## 11194	xiphophorus_maculatus_otherfeatures_79_1
## 11195	xiphophorus_maculatus_otherfeatures_80_1
## 11196	xiphophorus_maculatus_otherfeatures_81_1
## 11197	xiphophorus_maculatus_otherfeatures_82_1
## 11198	xiphophorus_maculatus_otherfeatures_83_1
## 11199	xiphophorus_maculatus_otherfeatures_84_1
## 11200	xiphophorus_maculatus_otherfeatures_85_1
## 11201	xiphophorus_maculatus_otherfeatures_86_1
## 11202	xiphophorus_maculatus_otherfeatures_87_1
## 11203	xiphophorus_maculatus_otherfeatures_88_1
## 11204	xiphophorus_maculatus_otherfeatures_89_1
## 11205	xiphophorus_maculatus_otherfeatures_90_1
## 11206	xiphophorus_maculatus_otherfeatures_91_1
## 11207	xiphophorus_maculatus_otherfeatures_92_1
## 11208	xiphophorus_maculatus_otherfeatures_93_1
## 11209	xiphophorus_maculatus_otherfeatures_94_5
## 11210	xiphophorus_maculatus_otherfeatures_95_5
## 11211	xiphophorus_maculatus_otherfeatures_96_5
## 11212	xiphophorus_maculatus_otherfeatures_97_5
## 11213	xiphophorus_maculatus_otherfeatures_98_5
## 11214	xiphophorus_maculatus_otherfeatures_99_5
## 11215	xiphophorus_maculatus_rnaseq_69_1
## 11216	xiphophorus_maculatus_rnaseq_70_1
## 11217	xiphophorus_maculatus_rnaseq_71_1
## 11218	xiphophorus_maculatus_rnaseq_72_1
## 11219	xiphophorus_maculatus_rnaseq_73_1
## 11220	xiphophorus_maculatus_rnaseq_74_1
## 11221	xiphophorus_maculatus_rnaseq_75_1
## 11222	xiphophorus_maculatus_rnaseq_76_1
## 11223	xiphophorus_maculatus_rnaseq_77_1
## 11224	xiphophorus_maculatus_rnaseq_78_1
## 11225	xiphophorus_maculatus_rnaseq_79_1
## 11226	xiphophorus_maculatus_rnaseq_80_1
## 11227	xiphophorus_maculatus_rnaseq_81_1
## 11228	xiphophorus_maculatus_rnaseq_82_1
## 11229	xiphophorus_maculatus_rnaseq_83_1
## 11230	xiphophorus_maculatus_rnaseq_84_1
## 11231	xiphophorus_maculatus_rnaseq_85_1
## 11232	xiphophorus_maculatus_rnaseq_86_1
## 11233	xiphophorus_maculatus_rnaseq_87_1
## 11234	xiphophorus_maculatus_rnaseq_88_1
## 11235	xiphophorus_maculatus_rnaseq_89_1
## 11236	xiphophorus_maculatus_rnaseq_90_1
## 11237	xiphophorus_maculatus_rnaseq_91_1
## 11238	xiphophorus_maculatus_rnaseq_92_1
## 11239	xiphophorus_maculatus_rnaseq_93_1
## 11240	xiphophorus_maculatus_rnaseq_94_5
## 11241	xiphophorus_maculatus_rnaseq_95_5
## 11242	xiphophorus_maculatus_rnaseq_96_5


```
## 11243          xiphophorus_maculatus_rnaseq_97_5
## 11244          xiphophorus_maculatus_rnaseq_98_5
## 11245          xiphophorus_maculatus_rnaseq_99_5
## 11246          zonotrichia_albicollis_core_96_101
## 11247          zonotrichia_albicollis_core_97_101
## 11248          zonotrichia_albicollis_core_98_101
## 11249          zonotrichia_albicollis_core_99_101
## 11250          zonotrichia_albicollis_otherfeatures_96_101
## 11251          zonotrichia_albicollis_otherfeatures_97_101
## 11252          zonotrichia_albicollis_otherfeatures_98_101
## 11253          zonotrichia_albicollis_otherfeatures_99_101
## 11254          zonotrichia_albicollis_rnaseq_96_101
## 11255          zonotrichia_albicollis_rnaseq_97_101
## 11256          zonotrichia_albicollis_rnaseq_98_101
## 11257          zonotrichia_albicollis_rnaseq_99_101
```

Podemos ahora trabajar para encontrar las tablas que contengan el string “compara”

```
dbGetQuery(ensembl_con, "SHOW DATABASES") %>%
  # filter the table for cases where the the string "compara" is present
  filter(str_detect(Database, "compara")) %>%
  tail()
```

```
##          Database
## 47 ensembl_compara_94
## 48 ensembl_compara_95
## 49 ensembl_compara_96
## 50 ensembl_compara_97
## 51 ensembl_compara_98
## 52 ensembl_compara_99
```

Nos quedamos con la mas reciente:

```
compara_con <- dbConnect(MariaDB(),
  dbname = "ensembl_compara_99",
  host = "ensembladb.ensembl.org",
  user = "anonymous",
  port = 5306,
  password = "")
```

Para ver las tablas que hay en la base de datos que hemos elegido:

```
library(dbplyr)
```

```
## Warning: package 'dbplyr' was built under R version 3.6.2
```

```
##
```

```
## Attaching package: 'dbplyr'
```

```
## The following objects are masked from 'package:dplyr':
```

```
##
```

```
##      ident, sql
```

```
src_dbi(compara_con)
```

```
## src:  mysql  [anonymous@ensembladb.ensembl.org:NA/ensembl_compara_99]
## tbls: CAFE_gene_family, CAFE_species_gene, conservation_score,
##       constrained_element, dnafrag, dnafrag_region, exon_boundaries,
##       external_db, family, family_member, gene_align, gene_align_member,
```

```
## gene_member, gene_member_hom_stats, gene_member_qc, gene_tree_node,
## gene_tree_node_attr, gene_tree_node_tag, gene_tree_object_store,
## gene_tree_root, gene_tree_root_attr, gene_tree_root_tag, genome_db,
## genomic_align, genomic_align_block, genomic_align_tree, hmm_annot,
## hmm_curated_annot, hmm_profile, homology, homology_member,
## mapping_session, member_xref, meta, method_link,
## method_link_species_set, method_link_species_set_attr,
## method_link_species_set_tag, ncbi_taxa_name, ncbi_taxa_node,
## other_member_sequence, peptide_align_feature, seq_member,
## seq_member_projection, seq_member_projection_stable_id, sequence,
## species_set, species_set_header, species_set_tag, species_tree_node,
## species_tree_node_attr, species_tree_node_tag, species_tree_root,
## stable_id_history, synteny_region
```

Accedemos a la tabla "homology"

```
compara_homology <- tbl(compara_con, "homology")
head(compara_homology)
```

```
## # Source:   lazy query [?? x 15]
## # Database: mysql [anonymous@ensembl.org:NA/ensembl_compara_99]
##   homology_id method_link_spe~ description is_tree_complia~   dn   ds
##           <int>           <int> <chr>           <int> <dbl> <dbl>
## 1             1             132551 other_para~         1 1.02  16.6
## 2             2             132551 other_para~         1 1.07   7.82
## 3             3             132551 other_para~         1 1.07  66.7
## 4             4             132551 other_para~         1 1.20  70.1
## 5             5             132551 other_para~         1 1.04  71.9
## 6             6             132551 other_para~         1 0.914 77.6
## # ... with 9 more variables: n <dbl>, s <dbl>, lnl <dbl>,
## #   species_tree_node_id <int>, gene_tree_node_id <int>,
## #   gene_tree_root_id <int>, goc_score <int>, wga_coverage <dbl>,
## #   is_high_confidence <int>
```

```
compara_linksp <- tbl(compara_con, "method_link_species_set")
head(compara_linksp)
```

```
## # Source:   lazy query [?? x 8]
## # Database: mysql [anonymous@ensembl.org:NA/ensembl_compara_99]
##   method_link_spe~ method_link_id species_set_id name source url
##           <int>           <int>           <int> <chr> <chr> <chr>
## 1             555             16           34144 G.ac~ ensem~ ""
## 2             569             16           34350 C.in~ ensem~ ""
## 3             587             16           34701 M.mu~ ensem~ ""
## 4             592             16           34706 M.mu~ ensem~ ""
## 5             594             16           34708 C.fa~ ensem~ ""
## 6             596             16           34710 A.ca~ ensem~ ""
## # ... with 2 more variables: first_release <int>, last_release <int>
```

```
sapiens_ortho <- compara_linksp %>%
  filter(name == "H.sap-P.tro orthologues" | name == "H.sap-M.mus orthologues")
sapiens_ortho
```

```
## # Source:   lazy query [?? x 8]
## # Database: mysql [anonymous@ensembl.org:NA/ensembl_compara_99]
##   method_link_spe~ method_link_id species_set_id name source url
```

```
##           <int>           <int>           <int> <chr> <chr> <chr>
## 1           50976           201           35673 H.sa~ ensem~ ""
## 2          103890           201           39100 H.sa~ ensem~ ""
## # ... with 2 more variables: first_release <int>, last_release <int>
```

```
compara_result <- sapiens_ortho %>%
  left_join(compara_homology, by = "method_link_species_set_id") %>%
  collect()

head(compara_result)
```

```
## # A tibble: 6 x 22
##   method_link_spe~ method_link_id species_set_id name source url
##           <int>           <int>           <int> <chr> <chr> <chr>
## 1           50976           201           35673 H.sa~ ensem~ ""
## 2           50976           201           35673 H.sa~ ensem~ ""
## 3           50976           201           35673 H.sa~ ensem~ ""
## 4           50976           201           35673 H.sa~ ensem~ ""
## 5           50976           201           35673 H.sa~ ensem~ ""
## 6           50976           201           35673 H.sa~ ensem~ ""
## # ... with 16 more variables: first_release <int>, last_release <int>,
## #   homology_id <int>, description <chr>, is_tree_compliant <int>,
## #   dn <dbl>, ds <dbl>, n <dbl>, s <dbl>, ln1 <dbl>,
## #   species_tree_node_id <int>, gene_tree_node_id <int>,
## #   gene_tree_root_id <int>, goc_score <int>, wga_coverage <dbl>,
## #   is_high_confidence <int>
```

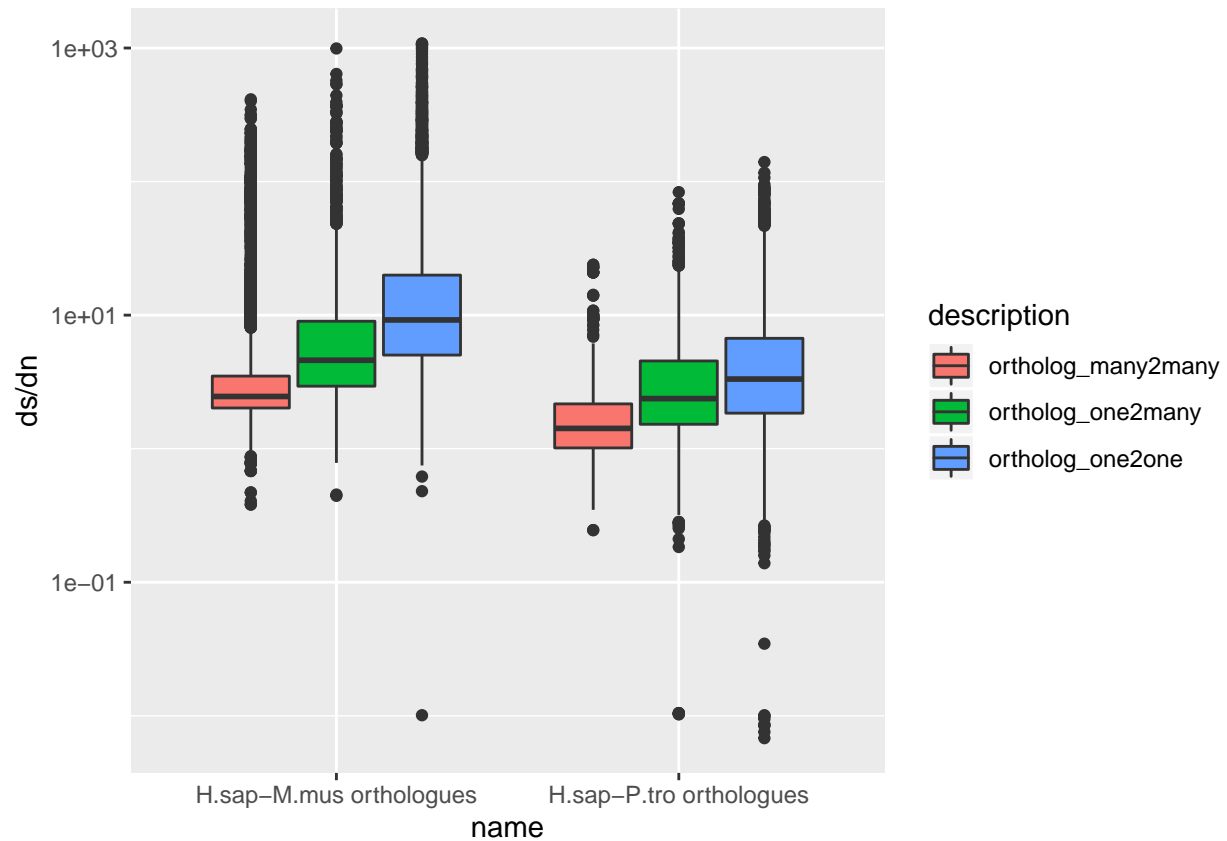
```
compara_result %>%
  count(name, description)
```

```
## # A tibble: 6 x 3
##   name           description           n
##   <chr>           <chr>           <int>
## 1 H.sap-M.mus orthologues ortholog_many2many 5773
## 2 H.sap-M.mus orthologues ortholog_one2many 3450
## 3 H.sap-M.mus orthologues ortholog_one2one 16534
## 4 H.sap-P.tro orthologues ortholog_many2many 556
## 5 H.sap-P.tro orthologues ortholog_one2many 3214
## 6 H.sap-P.tro orthologues ortholog_one2one 19410
```

```
compara_result %>%
  ggplot(aes(name, ds/dn, fill = description)) +
  geom_boxplot() + scale_y_log10()
```

```
## Warning: Transformation introduced infinite values in continuous y-axis
```

```
## Warning: Removed 10524 rows containing non-finite values (stat_boxplot).
```



Datos estructurados: APIs y paquetes dedicados

La base de datos del Worl Bank contiene una API desde la que podemos acceder a los World Data Indicators (<http://datatopics.worldbank.org/world-development-indicators/>). El paquete de R “WDI” baja los datos que le pidamos de esa base de datos, parsea el XML correspondiente y formatea el objeto resultante. Además contiene funciones para hacer búsquedas en las bases de datos:

```
library(WDI)
```

```
WDIsearch(string = "life.*expectancy", field = "name", cache = NULL)
```

```
##      indicator
## [1,] "UIS.SLE.12"
## [2,] "UIS.SLE.1.M"
## [3,] "UIS.SLE.1.GPI"
## [4,] "UIS.SLE.1.F"
## [5,] "UIS.SLE.1"
## [6,] "UIS.SLE.0.M"
## [7,] "UIS.SLE.0.GPI"
## [8,] "UIS.SLE.0.F"
## [9,] "UIS.SLE.0"
## [10,] "UIS.SLEN.12.T"
## [11,] "UIS.SLEN.12.M"
## [12,] "UIS.SLEN.12.GPI"
## [13,] "UIS.SLEN.12.F"
## [14,] "UIS.SLE.56.M"
## [15,] "UIS.SLE.56.GPI"
```

```

## [16,] "UIS.SLE.56.F"
## [17,] "UIS.SLE.56"
## [18,] "UIS.SLE.4.M"
## [19,] "UIS.SLE.4.GPI"
## [20,] "UIS.SLE.4.F"
## [21,] "UIS.SLE.4"
## [22,] "UIS.SLE.23.M"
## [23,] "UIS.SLE.23.GPI"
## [24,] "UIS.SLE.23.F"
## [25,] "UIS.SLE.23"
## [26,] "UIS.SLE.1t6.GPI"
## [27,] "UIS.SLE.123.M"
## [28,] "UIS.SLE.123.GPI"
## [29,] "UIS.SLE.123.F"
## [30,] "UIS.SLE.123"
## [31,] "UIS.SLE.12.M"
## [32,] "UIS.SLE.12.F"
## [33,] "SP.DYN.LE60.MA.IN"
## [34,] "SP.DYN.LE60.FE.IN"
## [35,] "SP.DYN.LE00.MA.IN"
## [36,] "SP.DYN.LE00.IN"
## [37,] "SP.DYN.LE00.FE.IN"
## [38,] "SE.SCH.LIFE.MA"
## [39,] "SE.SCH.LIFE.FE"
## [40,] "SE.SCH.LIFE"
##      name
## [1,] "School life expectancy, primary and lower secondary, both sexes (years)"
## [2,] "School life expectancy, primary, male (years)"
## [3,] "School life expectancy, primary, gender parity index (GPI)"
## [4,] "School life expectancy, primary, female (years)"
## [5,] "School life expectancy, primary, both sexes (years)"
## [6,] "School life expectancy, pre-primary, male (years)"
## [7,] "School life expectancy, pre-primary, gender parity index (GPI)"
## [8,] "School life expectancy, pre-primary, female (years)"
## [9,] "School life expectancy, pre-primary, both sexes (years)"
## [10,] "School life expectancy, primary and lower secondary (excluding repetition), both sexes (years)"
## [11,] "School life expectancy, primary and lower secondary (excluding repetition), male (years)"
## [12,] "School life expectancy, primary and lower secondary (excluding repetition), gender parity index (GPI)"
## [13,] "School life expectancy, primary and lower secondary (excluding repetition), female (years)"
## [14,] "School life expectancy, tertiary, male (years)"
## [15,] "School life expectancy, tertiary, gender parity index (GPI)"
## [16,] "School life expectancy, tertiary, female (years)"
## [17,] "School life expectancy, tertiary, both sexes (years)"
## [18,] "School life expectancy, post-secondary non-tertiary, male (years)"
## [19,] "School life expectancy, post-secondary non-tertiary, gender parity index (GPI)"
## [20,] "School life expectancy, post-secondary non-tertiary, female (years)"
## [21,] "School life expectancy, post-secondary non-tertiary, both sexes (years)"
## [22,] "School life expectancy, secondary, male (years)"
## [23,] "School life expectancy, secondary, gender parity index (GPI)"
## [24,] "School life expectancy, secondary, female (years)"
## [25,] "School life expectancy, secondary, both sexes (years)"
## [26,] "School life expectancy, primary to tertiary, gender parity index (GPI)"
## [27,] "School life expectancy, primary and secondary, male (years)"
## [28,] "School life expectancy, primary and secondary, gender parity index (GPI)"

```

```
## [29,] "School life expectancy, primary and secondary, female (years)"
## [30,] "School life expectancy, primary and secondary, both sexes (years)"
## [31,] "School life expectancy, primary and lower secondary, male (years)"
## [32,] "School life expectancy, primary and lower secondary, female (years)"
## [33,] "Life expectancy at age 60, male (years)"
## [34,] "Life expectancy at age 60, female (years)"
## [35,] "Life expectancy at birth, male (years)"
## [36,] "Life expectancy at birth, total (years)"
## [37,] "Life expectancy at birth, female (years)"
## [38,] "School life expectancy, primary to tertiary, male (years)"
## [39,] "School life expectancy, primary to tertiary, female (years)"
## [40,] "School life expectancy, primary to tertiary, both sexes (years)"
```

```
df.le = WDI(country = "all", indicator = c("SP.DYN.LE00.IN"), start = 1900,
            end = 2012)
head(df.le)
```

```
##   iso2c   country SP.DYN.LE00.IN year
## 1    1A Arab World      70.70383 2012
## 2    1A Arab World      70.52877 2011
## 3    1A Arab World      70.34992 2010
## 4    1A Arab World      70.15756 2009
## 5    1A Arab World      69.94217 2008
## 6    1A Arab World      69.70155 2007
```

```
is.data.frame(df.le)
```

```
## [1] TRUE
```

```
levels(factor(df.le$country))
```

```
## [1] "Afghanistan"
## [2] "Albania"
## [3] "Algeria"
## [4] "American Samoa"
## [5] "Andorra"
## [6] "Angola"
## [7] "Antigua and Barbuda"
## [8] "Arab World"
## [9] "Argentina"
## [10] "Armenia"
## [11] "Aruba"
## [12] "Australia"
## [13] "Austria"
## [14] "Azerbaijan"
## [15] "Bahamas, The"
## [16] "Bahrain"
## [17] "Bangladesh"
## [18] "Barbados"
## [19] "Belarus"
## [20] "Belgium"
## [21] "Belize"
## [22] "Benin"
## [23] "Bermuda"
## [24] "Bhutan"
## [25] "Bolivia"
```

[26] "Bosnia and Herzegovina"
 ## [27] "Botswana"
 ## [28] "Brazil"
 ## [29] "British Virgin Islands"
 ## [30] "Brunei Darussalam"
 ## [31] "Bulgaria"
 ## [32] "Burkina Faso"
 ## [33] "Burundi"
 ## [34] "Cabo Verde"
 ## [35] "Cambodia"
 ## [36] "Cameroon"
 ## [37] "Canada"
 ## [38] "Caribbean small states"
 ## [39] "Cayman Islands"
 ## [40] "Central African Republic"
 ## [41] "Central Europe and the Baltics"
 ## [42] "Chad"
 ## [43] "Channel Islands"
 ## [44] "Chile"
 ## [45] "China"
 ## [46] "Colombia"
 ## [47] "Comoros"
 ## [48] "Congo, Dem. Rep."
 ## [49] "Congo, Rep."
 ## [50] "Costa Rica"
 ## [51] "Cote d'Ivoire"
 ## [52] "Croatia"
 ## [53] "Cuba"
 ## [54] "Curacao"
 ## [55] "Cyprus"
 ## [56] "Czech Republic"
 ## [57] "Denmark"
 ## [58] "Djibouti"
 ## [59] "Dominica"
 ## [60] "Dominican Republic"
 ## [61] "Early-demographic dividend"
 ## [62] "East Asia & Pacific"
 ## [63] "East Asia & Pacific (excluding high income)"
 ## [64] "East Asia & Pacific (IDA & IBRD countries)"
 ## [65] "Ecuador"
 ## [66] "Egypt, Arab Rep."
 ## [67] "El Salvador"
 ## [68] "Equatorial Guinea"
 ## [69] "Eritrea"
 ## [70] "Estonia"
 ## [71] "Eswatini"
 ## [72] "Ethiopia"
 ## [73] "Euro area"
 ## [74] "Europe & Central Asia"
 ## [75] "Europe & Central Asia (excluding high income)"
 ## [76] "Europe & Central Asia (IDA & IBRD countries)"
 ## [77] "European Union"
 ## [78] "Faroe Islands"
 ## [79] "Fiji"

```

## [80] "Finland"
## [81] "Fragile and conflict affected situations"
## [82] "France"
## [83] "French Polynesia"
## [84] "Gabon"
## [85] "Gambia, The"
## [86] "Georgia"
## [87] "Germany"
## [88] "Ghana"
## [89] "Gibraltar"
## [90] "Greece"
## [91] "Greenland"
## [92] "Grenada"
## [93] "Guam"
## [94] "Guatemala"
## [95] "Guinea"
## [96] "Guinea-Bissau"
## [97] "Guyana"
## [98] "Haiti"
## [99] "Heavily indebted poor countries (HIPC)"
## [100] "High income"
## [101] "Honduras"
## [102] "Hong Kong SAR, China"
## [103] "Hungary"
## [104] "IBRD only"
## [105] "Iceland"
## [106] "IDA & IBRD total"
## [107] "IDA blend"
## [108] "IDA only"
## [109] "IDA total"
## [110] "India"
## [111] "Indonesia"
## [112] "Iran, Islamic Rep."
## [113] "Iraq"
## [114] "Ireland"
## [115] "Isle of Man"
## [116] "Israel"
## [117] "Italy"
## [118] "Jamaica"
## [119] "Japan"
## [120] "Jordan"
## [121] "Kazakhstan"
## [122] "Kenya"
## [123] "Kiribati"
## [124] "Korea, Dem. People's Rep."
## [125] "Korea, Rep."
## [126] "Kosovo"
## [127] "Kuwait"
## [128] "Kyrgyz Republic"
## [129] "Lao PDR"
## [130] "Late-demographic dividend"
## [131] "Latin America & Caribbean"
## [132] "Latin America & Caribbean (excluding high income)"
## [133] "Latin America & the Caribbean (IDA & IBRD countries)"

```



```

## [134] "Latvia"
## [135] "Least developed countries: UN classification"
## [136] "Lebanon"
## [137] "Lesotho"
## [138] "Liberia"
## [139] "Libya"
## [140] "Liechtenstein"
## [141] "Lithuania"
## [142] "Low & middle income"
## [143] "Low income"
## [144] "Lower middle income"
## [145] "Luxembourg"
## [146] "Macao SAR, China"
## [147] "Madagascar"
## [148] "Malawi"
## [149] "Malaysia"
## [150] "Maldives"
## [151] "Mali"
## [152] "Malta"
## [153] "Marshall Islands"
## [154] "Mauritania"
## [155] "Mauritius"
## [156] "Mexico"
## [157] "Micronesia, Fed. Sts."
## [158] "Middle East & North Africa"
## [159] "Middle East & North Africa (excluding high income)"
## [160] "Middle East & North Africa (IDA & IBRD countries)"
## [161] "Middle income"
## [162] "Moldova"
## [163] "Monaco"
## [164] "Mongolia"
## [165] "Montenegro"
## [166] "Morocco"
## [167] "Mozambique"
## [168] "Myanmar"
## [169] "Namibia"
## [170] "Nauru"
## [171] "Nepal"
## [172] "Netherlands"
## [173] "New Caledonia"
## [174] "New Zealand"
## [175] "Nicaragua"
## [176] "Niger"
## [177] "Nigeria"
## [178] "North America"
## [179] "North Macedonia"
## [180] "Northern Mariana Islands"
## [181] "Norway"
## [182] "Not classified"
## [183] "OECD members"
## [184] "Oman"
## [185] "Other small states"
## [186] "Pacific island small states"
## [187] "Pakistan"

```

[188] "Palau"
 ## [189] "Panama"
 ## [190] "Papua New Guinea"
 ## [191] "Paraguay"
 ## [192] "Peru"
 ## [193] "Philippines"
 ## [194] "Poland"
 ## [195] "Portugal"
 ## [196] "Post-demographic dividend"
 ## [197] "Pre-demographic dividend"
 ## [198] "Puerto Rico"
 ## [199] "Qatar"
 ## [200] "Romania"
 ## [201] "Russian Federation"
 ## [202] "Rwanda"
 ## [203] "Samoa"
 ## [204] "San Marino"
 ## [205] "Sao Tome and Principe"
 ## [206] "Saudi Arabia"
 ## [207] "Senegal"
 ## [208] "Serbia"
 ## [209] "Seychelles"
 ## [210] "Sierra Leone"
 ## [211] "Singapore"
 ## [212] "Sint Maarten (Dutch part)"
 ## [213] "Slovak Republic"
 ## [214] "Slovenia"
 ## [215] "Small states"
 ## [216] "Solomon Islands"
 ## [217] "Somalia"
 ## [218] "South Africa"
 ## [219] "South Asia"
 ## [220] "South Asia (IDA & IBRD)"
 ## [221] "South Sudan"
 ## [222] "Spain"
 ## [223] "Sri Lanka"
 ## [224] "St. Kitts and Nevis"
 ## [225] "St. Lucia"
 ## [226] "St. Martin (French part)"
 ## [227] "St. Vincent and the Grenadines"
 ## [228] "Sub-Saharan Africa"
 ## [229] "Sub-Saharan Africa (excluding high income)"
 ## [230] "Sub-Saharan Africa (IDA & IBRD countries)"
 ## [231] "Sudan"
 ## [232] "Suriname"
 ## [233] "Sweden"
 ## [234] "Switzerland"
 ## [235] "Syrian Arab Republic"
 ## [236] "Tajikistan"
 ## [237] "Tanzania"
 ## [238] "Thailand"
 ## [239] "Timor-Leste"
 ## [240] "Togo"
 ## [241] "Tonga"

```
## [242] "Trinidad and Tobago"
## [243] "Tunisia"
## [244] "Turkey"
## [245] "Turkmenistan"
## [246] "Turks and Caicos Islands"
## [247] "Tuvalu"
## [248] "Uganda"
## [249] "Ukraine"
## [250] "United Arab Emirates"
## [251] "United Kingdom"
## [252] "United States"
## [253] "Upper middle income"
## [254] "Uruguay"
## [255] "Uzbekistan"
## [256] "Vanuatu"
## [257] "Venezuela, RB"
## [258] "Vietnam"
## [259] "Virgin Islands (U.S.)"
## [260] "West Bank and Gaza"
## [261] "World"
## [262] "Yemen, Rep."
## [263] "Zambia"
## [264] "Zimbabwe"
```

```
levels(factor(df.le$year))
```

```
## [1] "1960" "1961" "1962" "1963" "1964" "1965" "1966" "1967" "1968" "1969"
## [11] "1970" "1971" "1972" "1973" "1974" "1975" "1976" "1977" "1978" "1979"
## [21] "1980" "1981" "1982" "1983" "1984" "1985" "1986" "1987" "1988" "1989"
## [31] "1990" "1991" "1992" "1993" "1994" "1995" "1996" "1997" "1998" "1999"
## [41] "2000" "2001" "2002" "2003" "2004" "2005" "2006" "2007" "2008" "2009"
## [51] "2010" "2011" "2012"
```

Datos no estructurados:

Datos de un link de internet

El paquete dslab está en github, por lo que podríamos descargarnos los datos del fichero “murders.csv” directamente de allí.

```
url <- "https://raw.githubusercontent.com/rafalab/dslabs/master/inst/extdata/murders.csv"
```

Y, aún mejor, read_csv puede leerlo directamente

```
dat <- read_csv(url)
```

Podemos no solo leer los datos en R sino bajarnos el fichero a una unidad de disco o de red utilizando R:

```
download.file(url, "murders.csv")
```

Web scratching

Queremos comparar las estadísticas de asesinato en EEUU con las estadísticas de europa, pero el dato de eurostat no esta desglosado y ese número no es comparable. En wikipedia buscamos las estadísticas de muertes no casuales a nivel mundial (CTRL+U para ver el código de la web)

```
url="https://en.wikipedia.org/wiki/List_of_countries_by_intentional_homicide_rate"
h <- read_html(url)
```

```
class(h)

## [1] "xml_document" "xml_node"

h

## {html_document}
## <html class="client-nojs" lang="en" dir="ltr">
## [1] <head>\n<meta http-equiv="Content-Type" content="text/html; charset= ...
## [2] <body class="mediawiki ltr sitedir-ltr mw-hide-empty-elt ns-0 ns-sub ...
```

Hay una seccion del codigo html que comienza con

. Ahi estan los datos de la tabla que queremos leer en R.

```
tab <- h %>% html_nodes("table")
tab <- tab[[4]] %>% html_table
head(tab)
```

```
## Country (or dependent territory,subnational area, etc.) Region
## 1 Burundi Africa
## 2 Comoros Africa
## 3 Djibouti Africa
## 4 Eritrea Africa
## 5 Ethiopia Africa
## 6 Kenya Africa
## Subregion Rate Count Yearlisted Source
## 1 Eastern Africa 6.02 635 2016 CTS/SDG
## 2 Eastern Africa 7.70 60 2015 WHO Estimate
## 3 Eastern Africa 6.48 60 2015 WHO Estimate
## 4 Eastern Africa 8.04 390 2015 WHO Estimate
## 5 Eastern Africa 7.56 7,552 2015 WHO Estimate
## 6 Eastern Africa 5.00 2,466 2017 CTS
```

```
class(tab)
```

```
## [1] "data.frame"
```

```
tab <- tab %>%
  select(starts_with("Country"),
         Region,Count,Rate,starts_with("Year")) %>%
  setNames(c("country", "continent", "total", "murder_rate", "year"))

head(tab)
```

```
## country continent total murder_rate year
## 1 Burundi Africa 635 6.02 2016
## 2 Comoros Africa 60 7.70 2015
## 3 Djibouti Africa 60 6.48 2015
## 4 Eritrea Africa 390 8.04 2015
## 5 Ethiopia Africa 7,552 7.56 2015
## 6 Kenya Africa 2,466 5.00 2017
```

Import from JSON

```
library(jsonlite)
```

```
##
## Attaching package: 'jsonlite'
```

```
## The following object is masked from 'package:purrr':
##
##      flatten

citi_bike <- fromJSON("http://citibikenyc.com/stations/json")
citi_bike$executionTime

## [1] "2020-01-24 05:34:46 AM"

head(citi_bike$stationBeanList)

##      id          stationName availableDocks totalDocks latitude
## 1  304      Broadway & Battery Pl          18          33 40.70463
## 2 3255           8 Ave & W 31 St          16          19 40.75059
## 3   72           W 52 St & 11 Ave          33          55 40.76727
## 4   79      Franklin St & W Broadway          32          33 40.71912
## 5   82           St James Pl & Pearl St          7          27 40.71117
## 6  83 Atlantic Ave & Fort Greene Pl          25          62 40.68383
##      longitude statusValue statusKey availableBikes
## 1 -74.01362   In Service          1             15
## 2 -73.99468   In Service          1              3
## 3 -73.99393   In Service          1             21
## 4 -74.00667   In Service          1              1
## 5 -74.00017   In Service          1             20
## 6 -73.97632   In Service          1             37
##      stAddress1 stAddress2 city postalCode location
## 1      Broadway & Battery Pl
## 2           8 Ave & W 31 St
## 3           W 52 St & 11 Ave
## 4      Franklin St & W Broadway
## 5           St James Pl & Pearl St
## 6 Atlantic Ave & Fort Greene Pl
##      altitude testStation lastCommunicationTime landMark
## 1          FALSE 2020-01-24 05:32:48 AM
## 2          FALSE 2020-01-24 05:34:16 AM
## 3          FALSE 2020-01-24 05:33:40 AM
## 4          FALSE 2020-01-24 05:32:51 AM
## 5          FALSE 2020-01-24 05:32:43 AM
## 6          FALSE 2020-01-24 05:32:08 AM
```