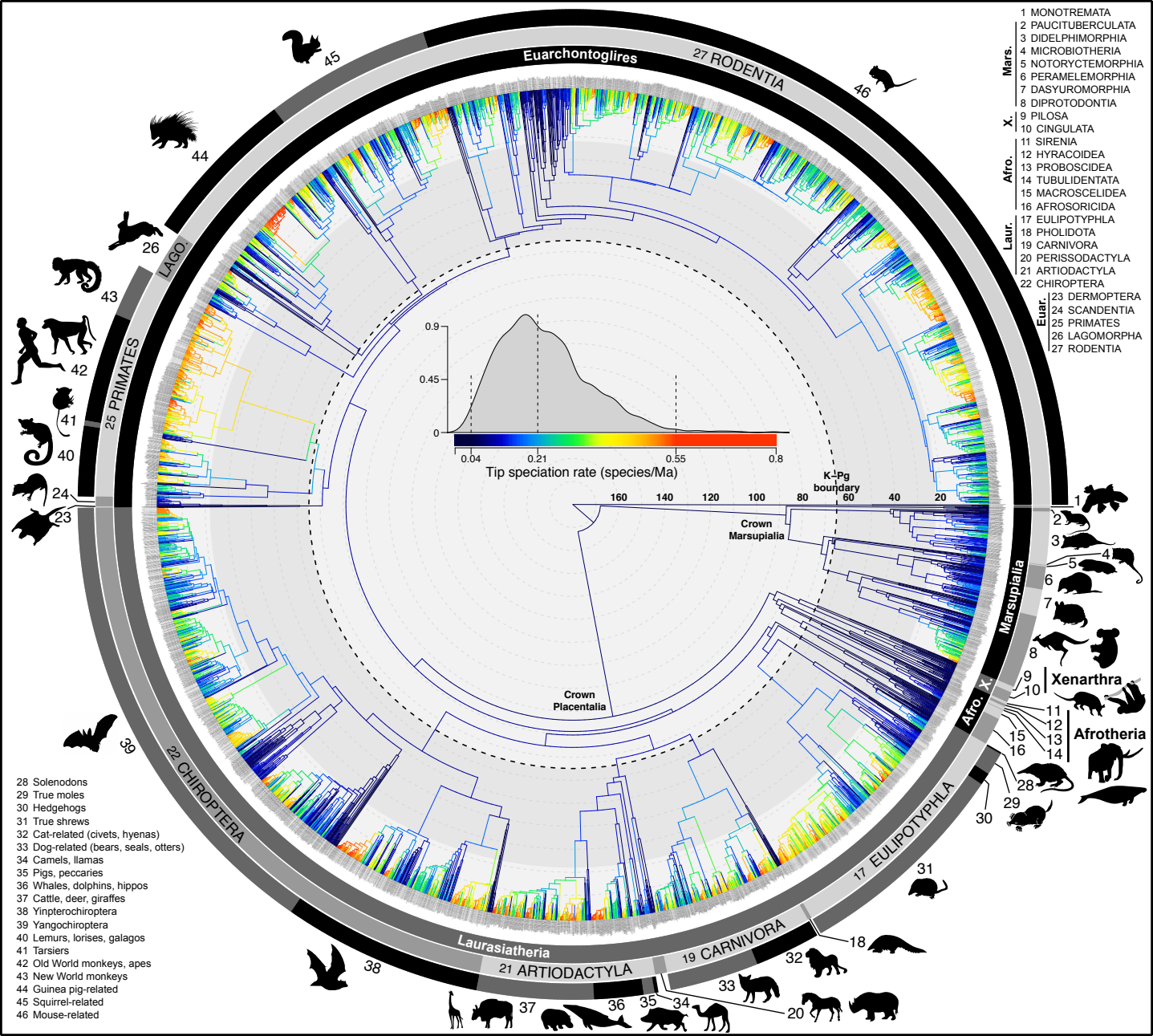
Euarchontoglires
27 RODENTIA
26 LAGO.
25 PRIMATES
22 CHIROPTERA
Laurasiatheria
21 ARTIODACTYLA
19 CARNIVORA
17 EULIPOTYPHLA
Afro. X.
Marsupialia
Xenarthra
Afrotheria
Crown Placentalia
Crown Marsupialia
K–Pg boundary
160 140 120 100 80 60 40 20
0.9
0.45
0
0.04 0.21 0.55 0.8
Tip speciation rate (species/Ma)
Mars.
1 MONOTREMATA
2 PAUCITUBERCULATA
3 DIDELPHIMORPHIA
4 MICROBIOTHERIA
5 NOTORYCTEMORPHIA
6 PERAMELEMORPHIA
7 DASYUROMORPHIA
8 DIPROTODONTIA
X.
9 PILOSA
10 CINGULATA
Afro.
11 SIRENIA
12 HYRACOIDEA
13 PROBOSCIDEA
14 TUBULIDENTATA
15 MACROSCELIDEA
16 AFROSORICIDA
Laur.
17 EULIPOTYPHLA
18 PHOLIDOTA
19 CARNIVORA
20 PERISSODACTYLA
21 ARTIODACTYLA
22 CHIROPTERA
Euar.
23 DERMOPTERA
24 SCANDENTIA
25 PRIMATES
26 LAGOMORPHA
27 RODENTIA
28 Solenodons
29 True moles
30 Hedgehogs
31 True shrews
32 Cat-related (civets, hyenas)
33 Dog-related (bears, seals, otters)
34 Camels, llamas
35 Pigs, peccaries
36 Whales, dolphins, hippos
37 Cattle, deer, giraffes
38 Yinpterochiroptera
39 Yangochiroptera
40 Lemurs, lorises, galagos
41 Tarsiers
42 Old World monkeys, apes
43 New World monkeys
44 Guinea pig-related
45 Squirrel-related
46 Mouse-related