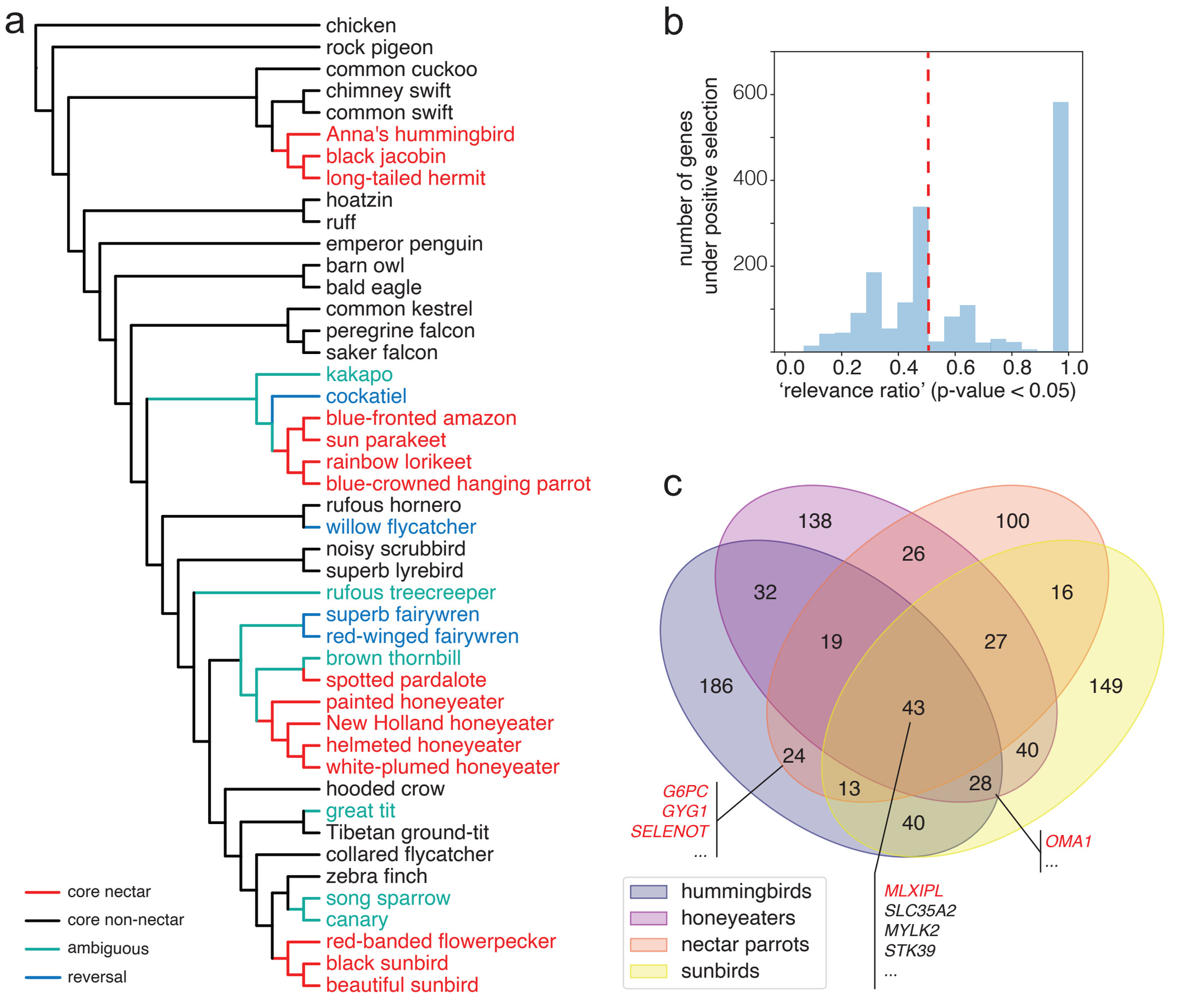
a
chicken
rock pigeon
common cuckoo
chimney swift
common swift
Anna's hummingbird
black jacobin
long-tailed hermit
hoatzin
ruff
emperor penguin
barn owl
bald eagle
common kestrel
peregrine falcon
saker falcon
kakapo
cockatiel
blue-fronted amazon
sun parakeet
rainbow lorikeet
blue-crowned hanging parrot
rufous hornero
willow flycatcher
noisy scrubbird
superb lyrebird
rufous treecreeper
superb fairywren
red-winged fairywren
brown thornbill
spotted pardalote
painted honeyeater
New Holland honeyeater
helmeted honeyeater
white-plumed honeyeater
hooded crow
great tit
Tibetan ground-tit
collared flycatcher
zebra finch
song sparrow
canary
red-banded flowerpecker
black sunbird
beautiful sunbird
core nectar
core non-nectar
ambiguous
reversal
b
number of genes under positive selection
600
400
200
0.0
0.2
0.4
0.6
0.8
1.0
'relevance ratio' (p-value < 0.05)
c
138
100
26
32
16
19
27
186
149
43
24
40
13
28
40
G6PC
GYG1
SELENOT
...
OMA1
...
MLXIPL
SLC35A2
MYLK2
STK39
...
hummingbirds
honeyeaters
nectar parrots
sunbirds