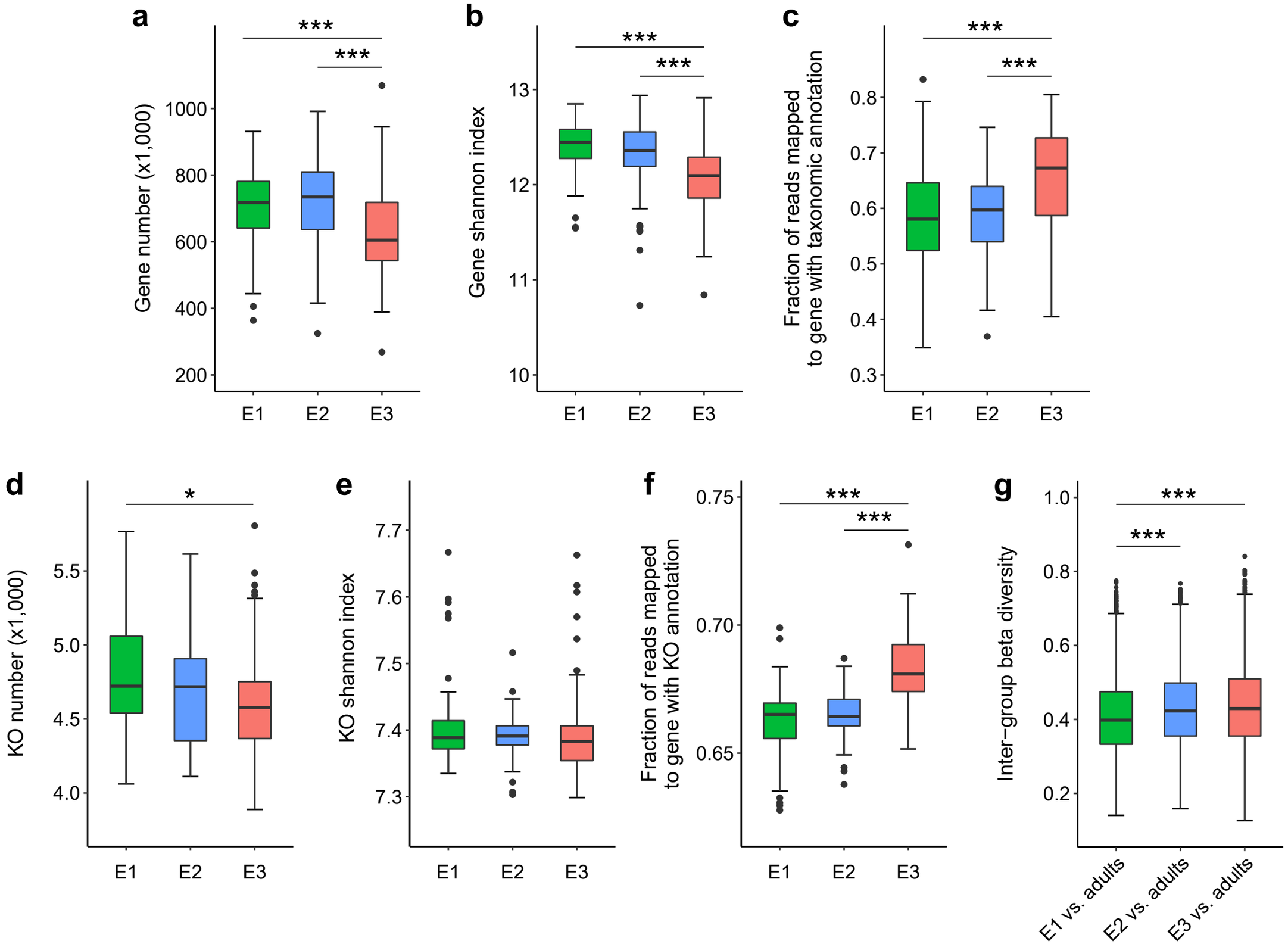
a
Gene number (x1,000)
1000
800
600
400
200
***
***
E1
E2
E3
b
Gene shannon index
13
12
11
10
***
***
E1
E2
E3
c
Fraction of reads mapped
to gene with taxonomic annotation
0.8
0.7
0.6
0.5
0.4
0.3
***
***
E1
E2
E3
d
KO number (x1,000)
5.5
5.0
4.5
4.0
*
E1
E2
E3
e
KO shannon index
7.7
7.6
7.5
7.4
7.3
E1
E2
E3
f
Fraction of reads mapped
to gene with KO annotation
0.75
0.70
0.65
***
***
E1
E2
E3
g
Inter−group beta diversity
1.0
0.8
0.6
0.4
0.2
***
***
E1 vs. adults
E2 vs. adults
E3 vs. adults