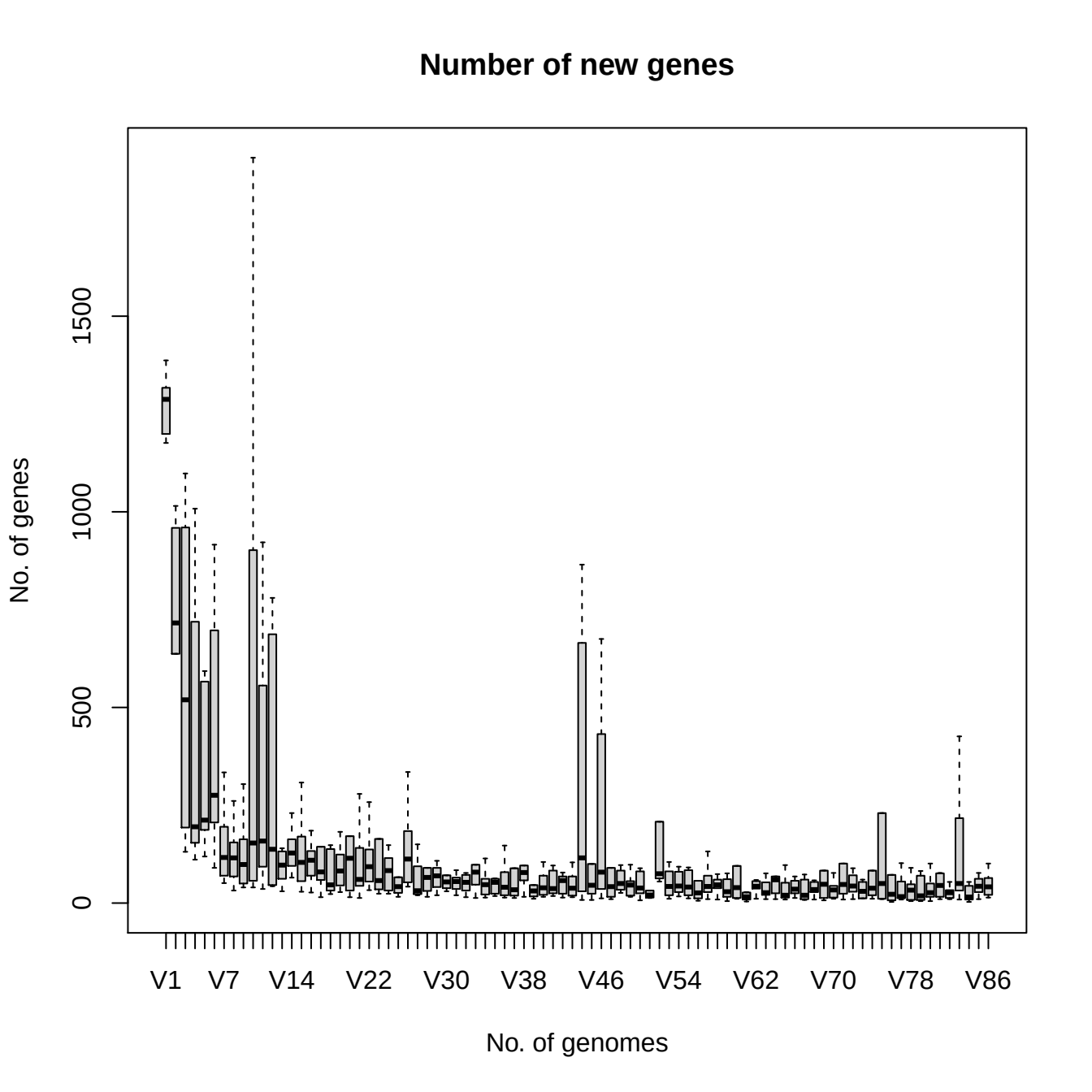
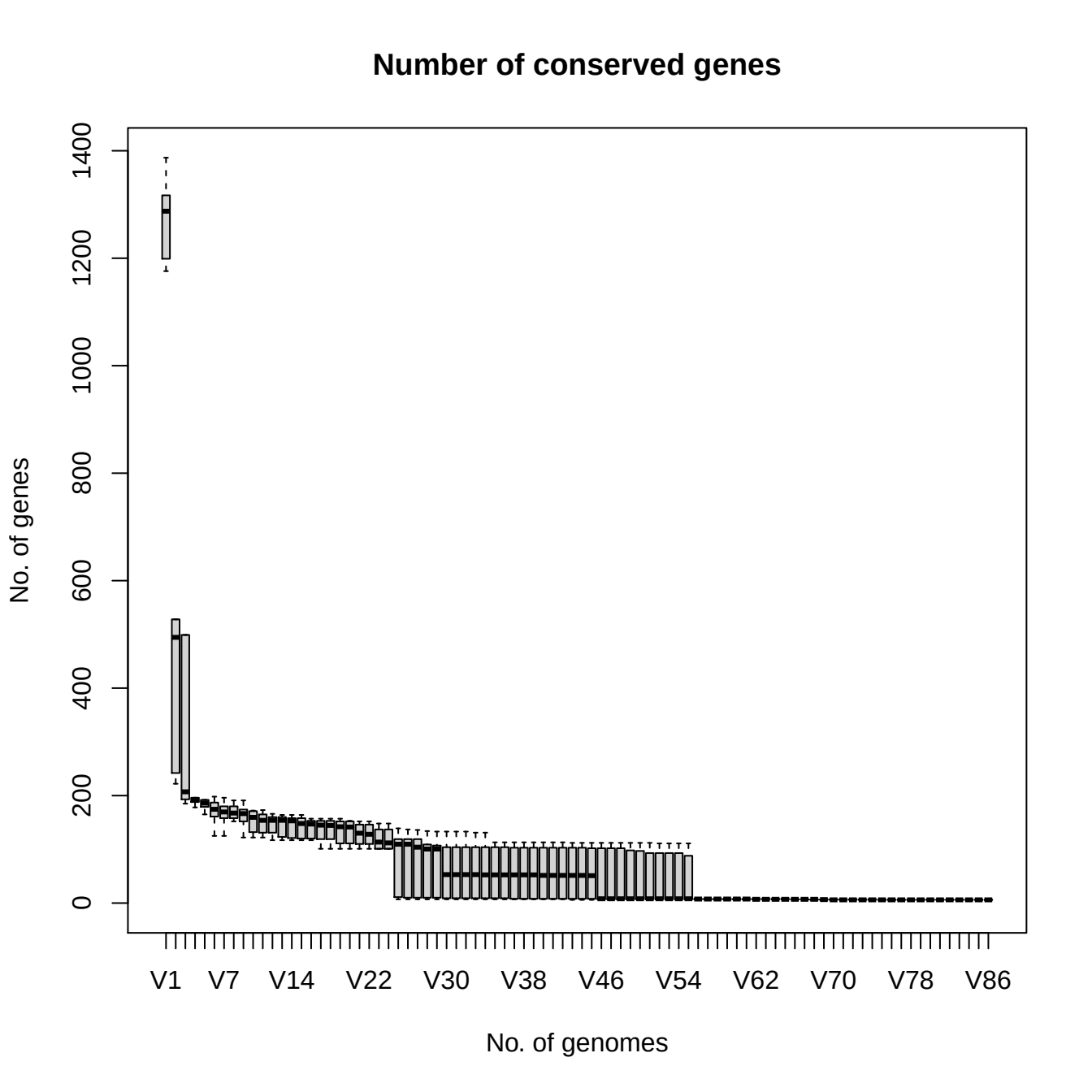
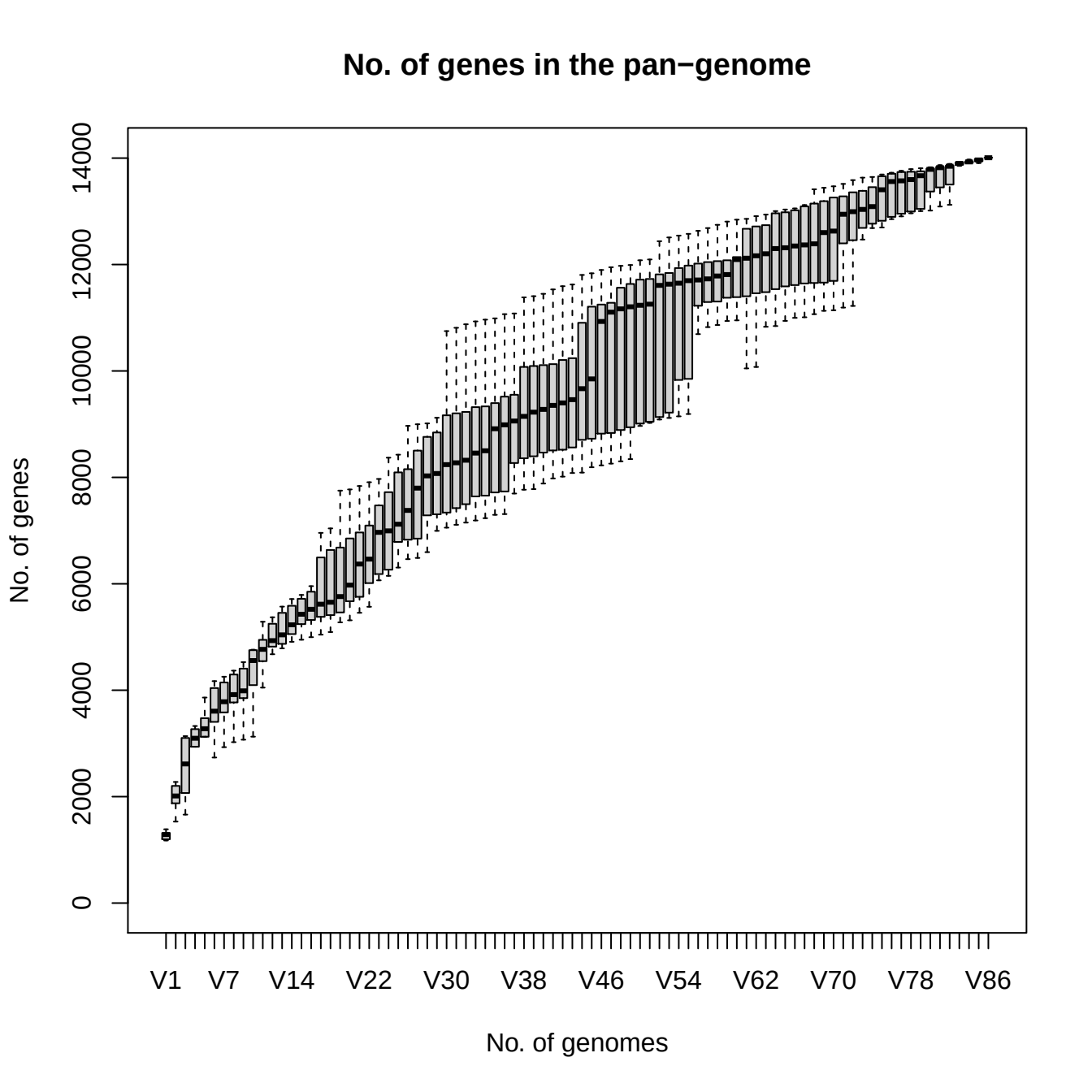
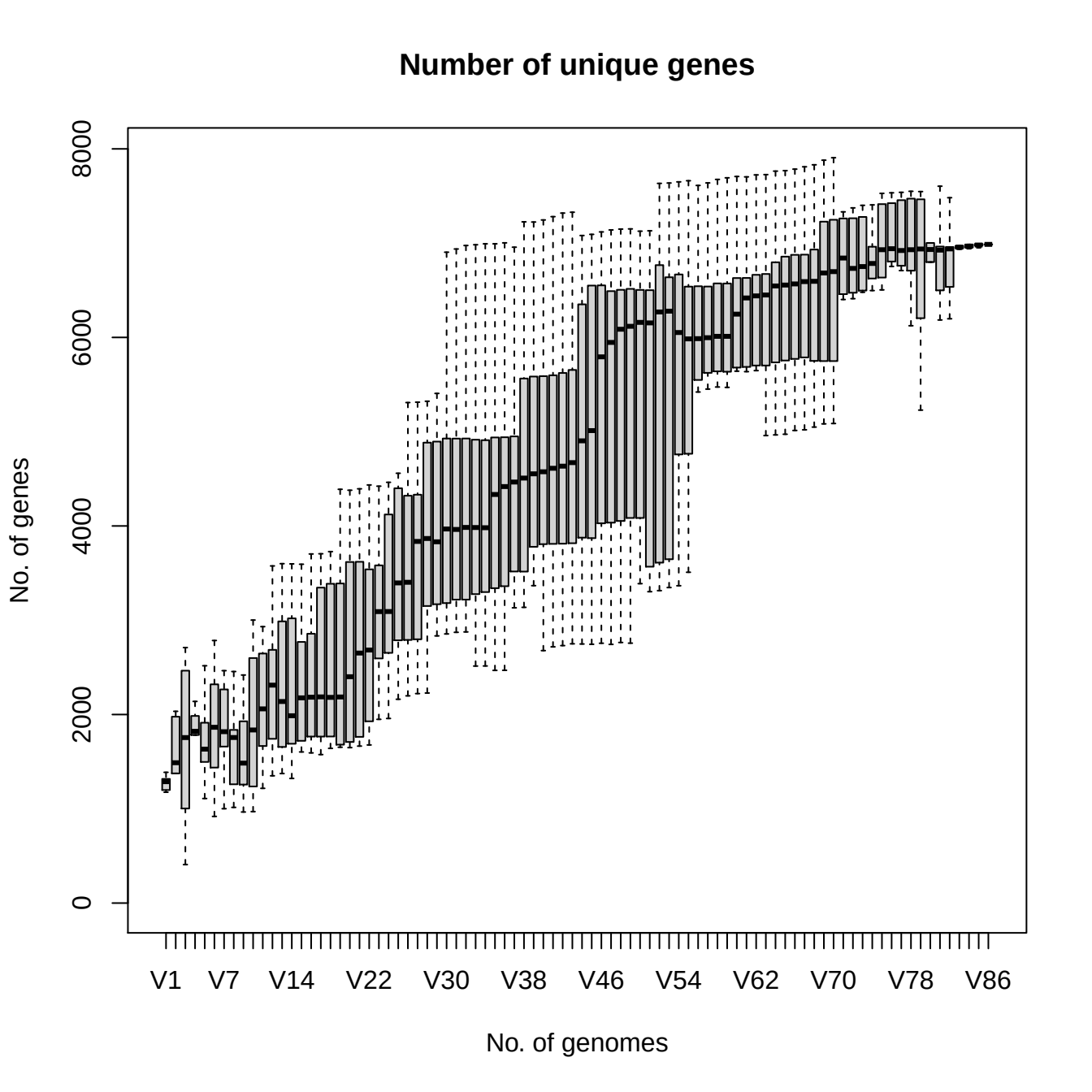
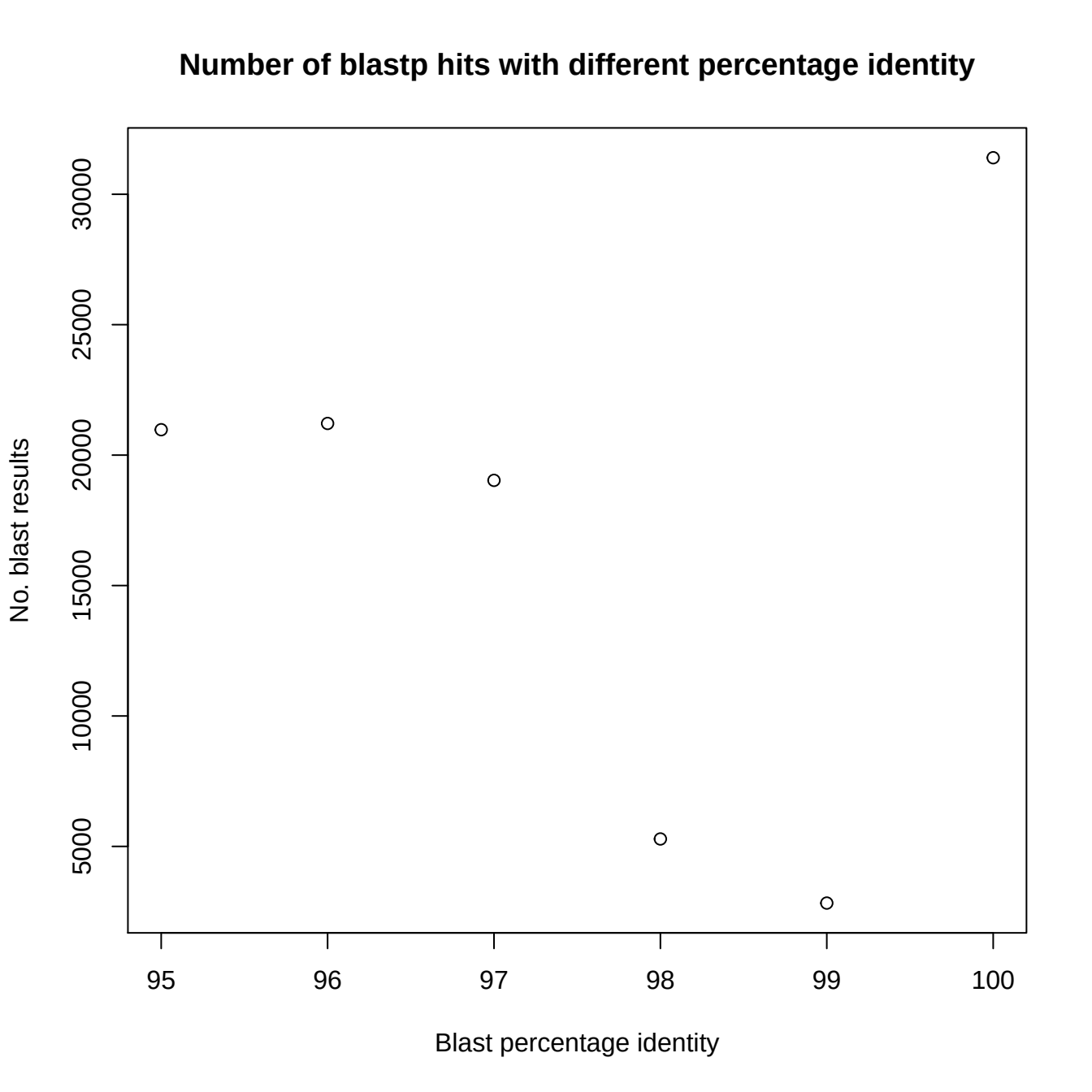
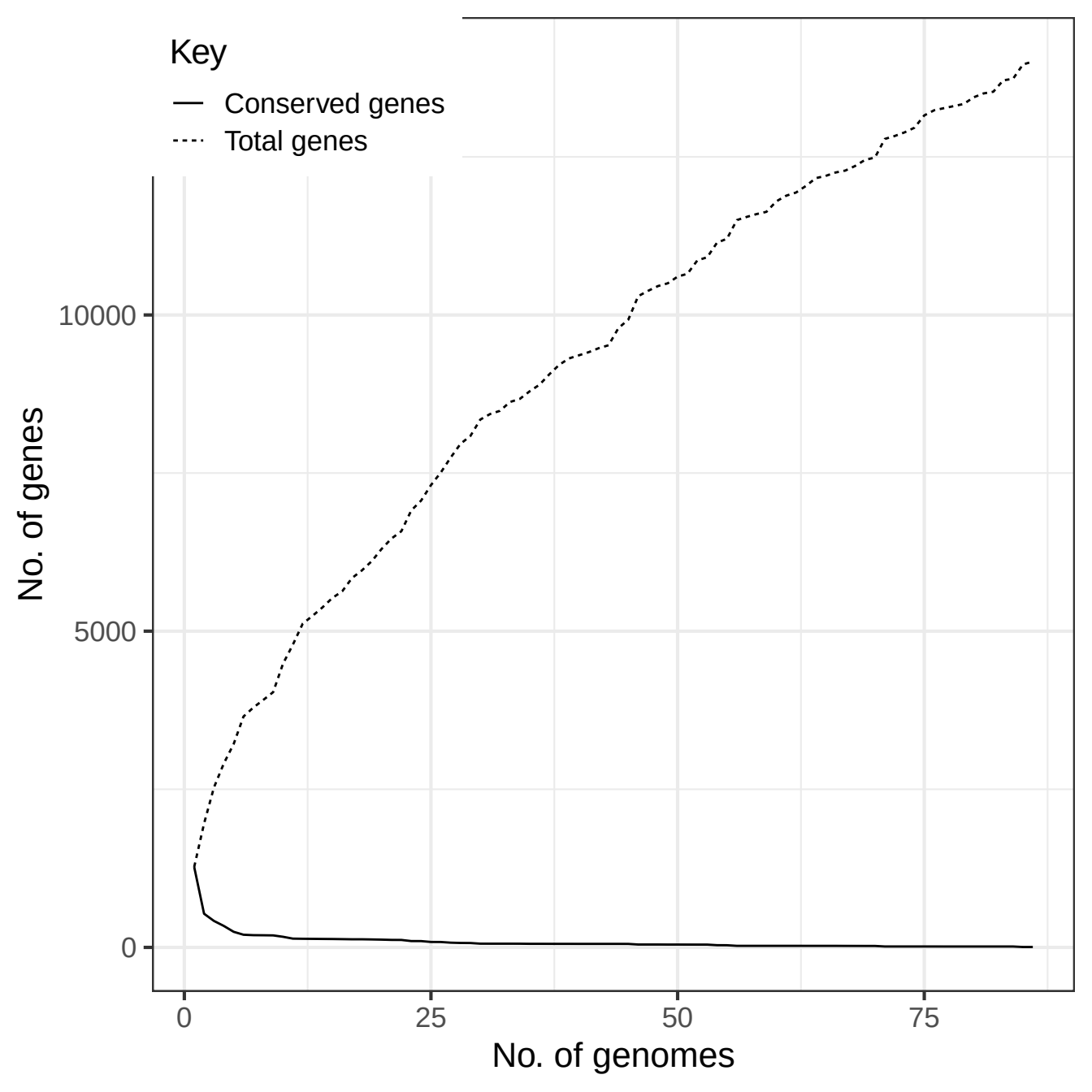

Number of new genes
No. of genes
0
500
1000
1500
V1
V7
V14
V22
V30
V38
V46
V54
V62
V70
V78
V86
No. of genomes

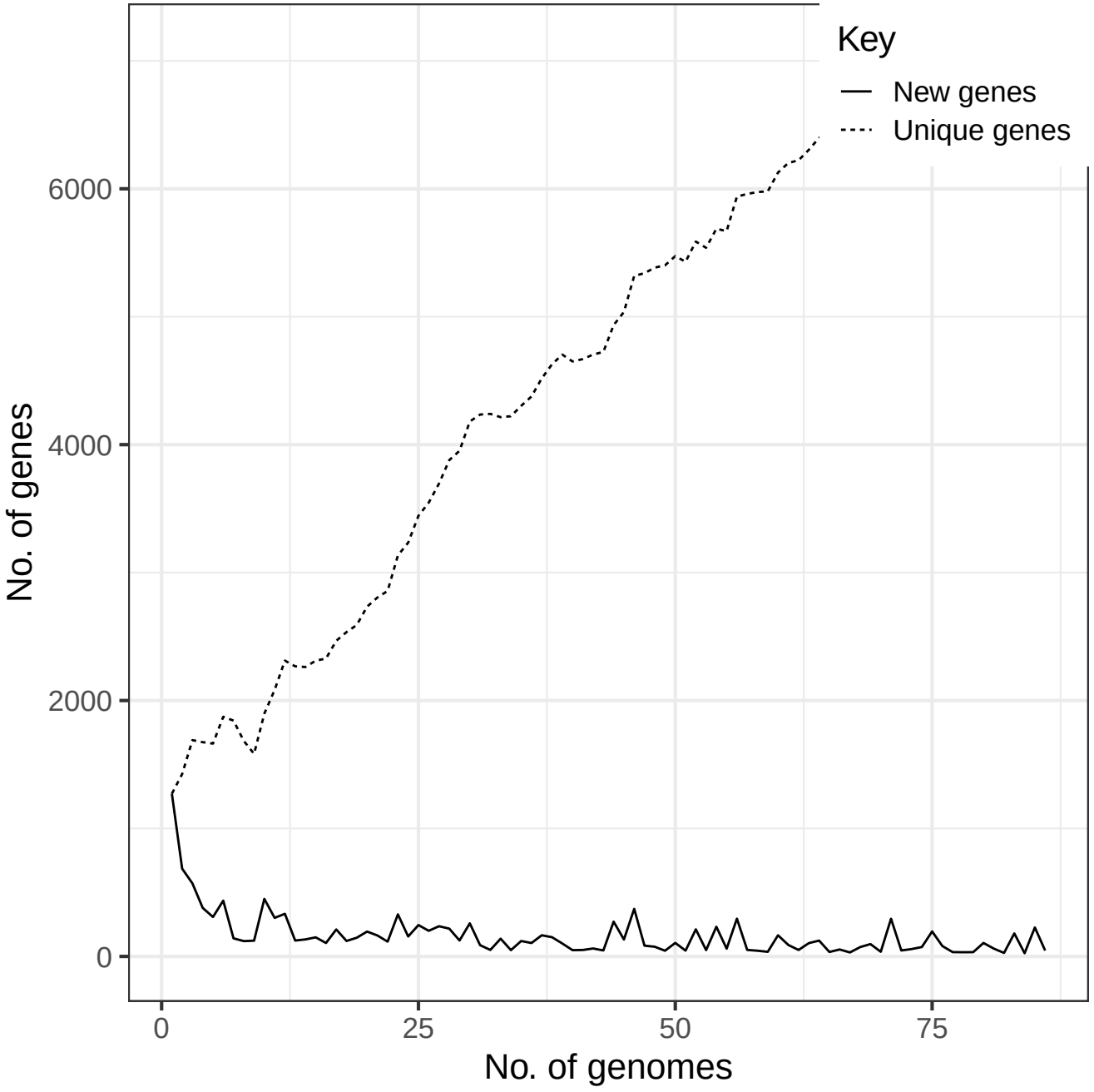

Number of conserved genes
No. of genes
0
200
400
600
800
1000
1200
1400
V1
V7
V14
V22
V30
V38
V46
V54
V62
V70
V78
V86
No. of genomes


No. of genes in the pan−genome
No. of genes
0
2000
4000
6000
8000
10000
12000
14000
V1
V7
V14
V22
V30
V38
V46
V54
V62
V70
V78
V86
No. of genomes


Number of unique genes
No. of genes
0
2000
4000
6000
8000
V1
V7
V14
V22
V30
V38
V46
V54
V62
V70
V78
V86
No. of genomes


Number of blastp hits with different percentage identity
No. blast results
5000
10000
15000
20000
25000
30000
95
96
97
98
99
100
Blast percentage identity


Key
Conserved genes
Total genes
10000
5000
0
No. of genes
0
25
50
75
No. of genomes


Key
New genes
Unique genes
6000
4000
2000
0
No. of genes
0
25
50
75
No. of genomes