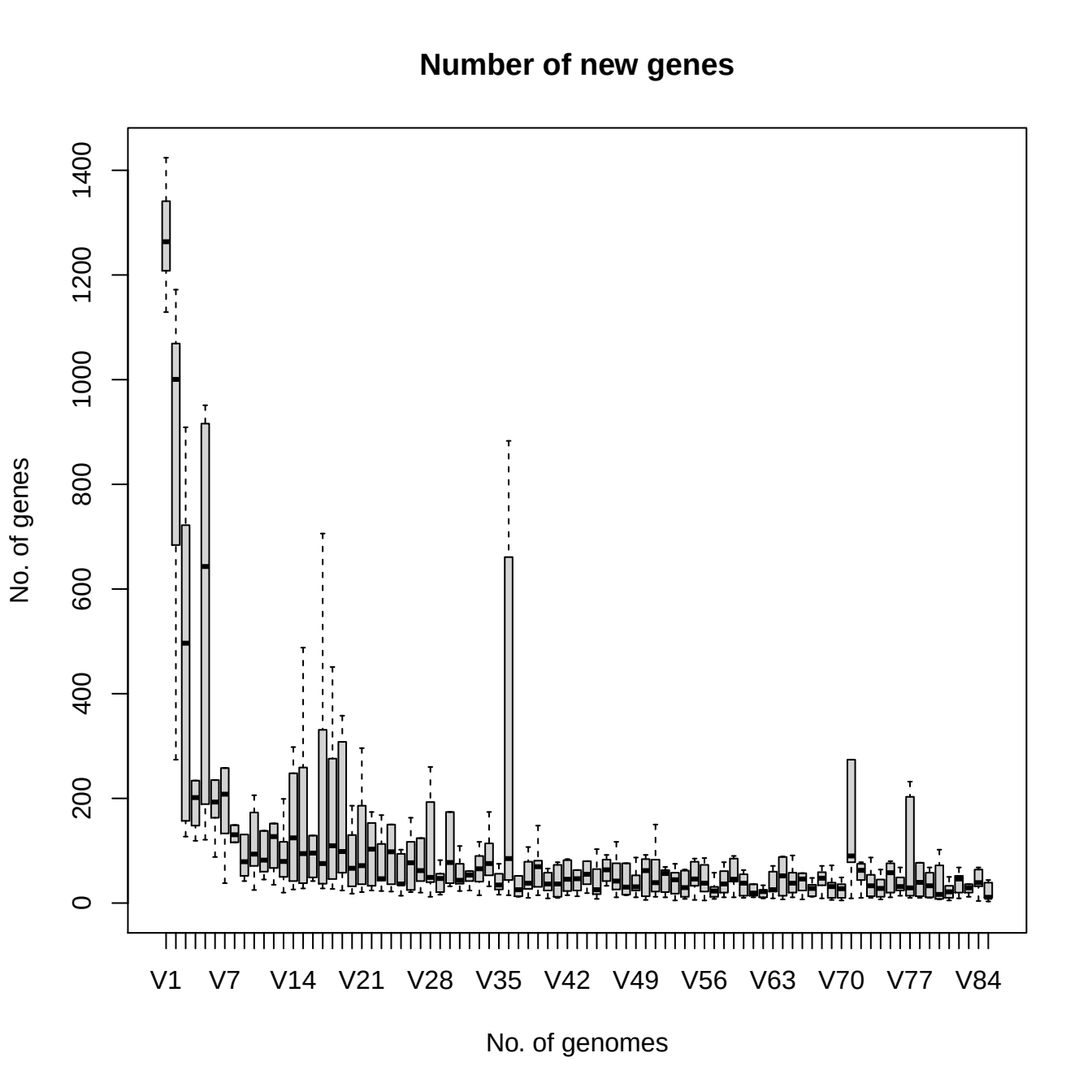
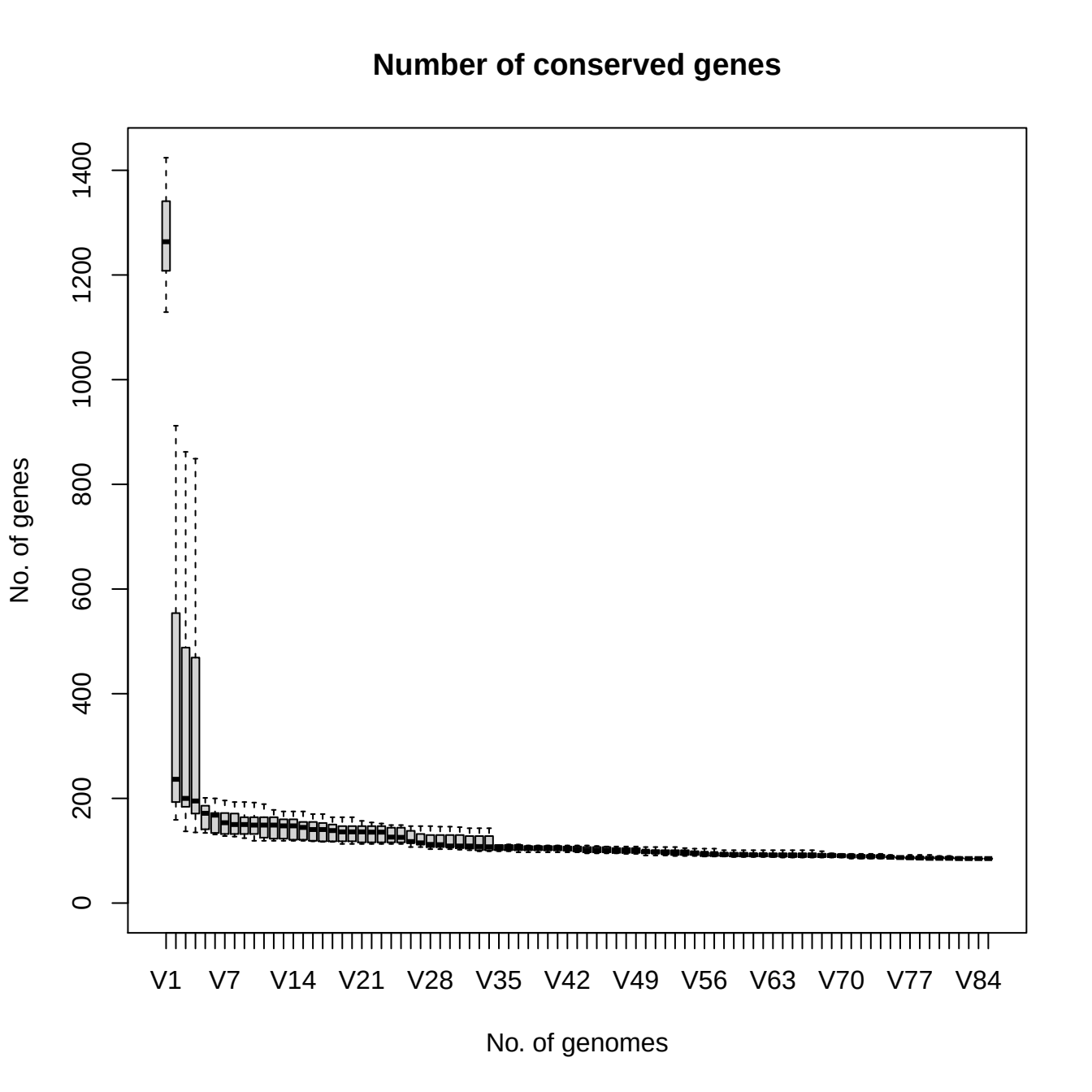
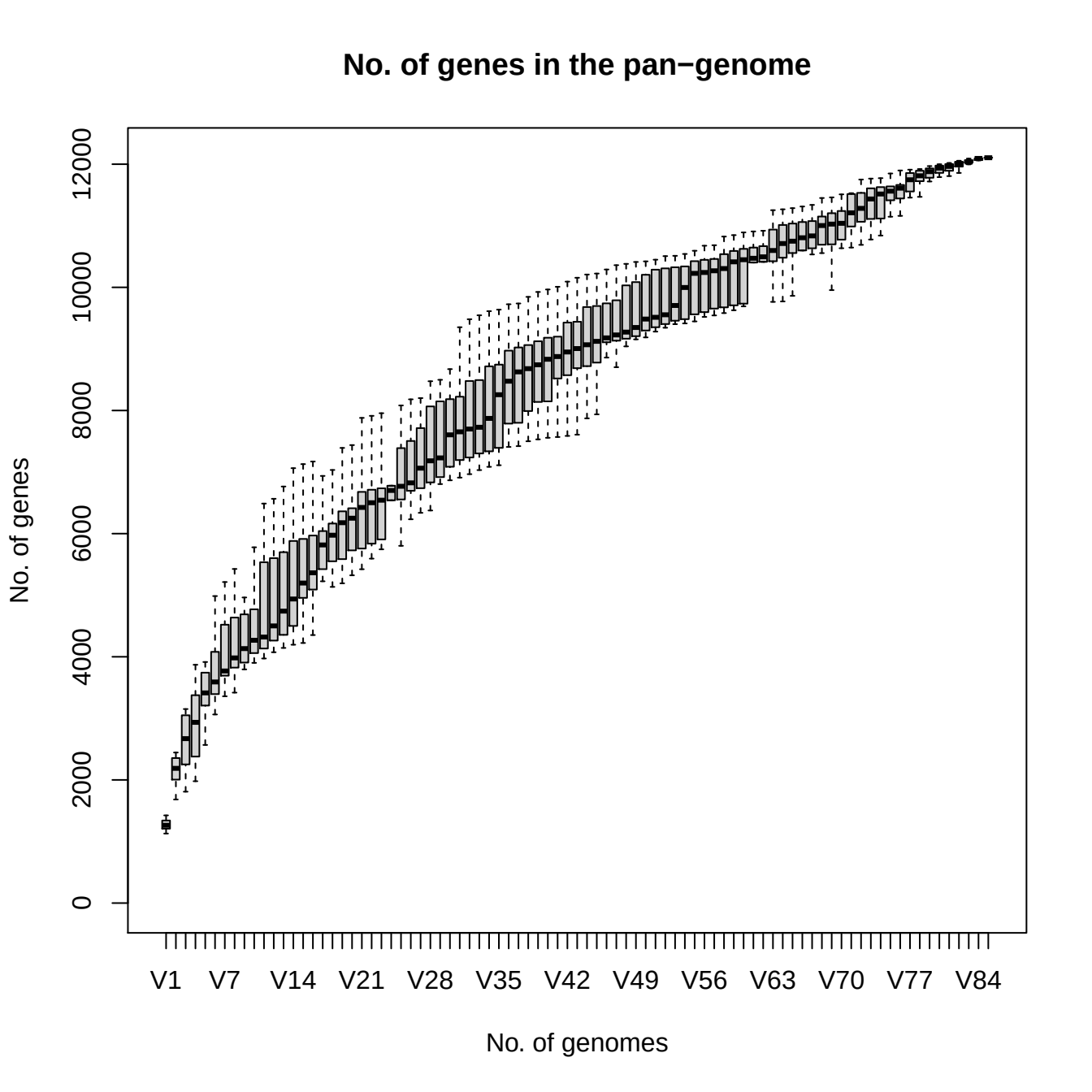
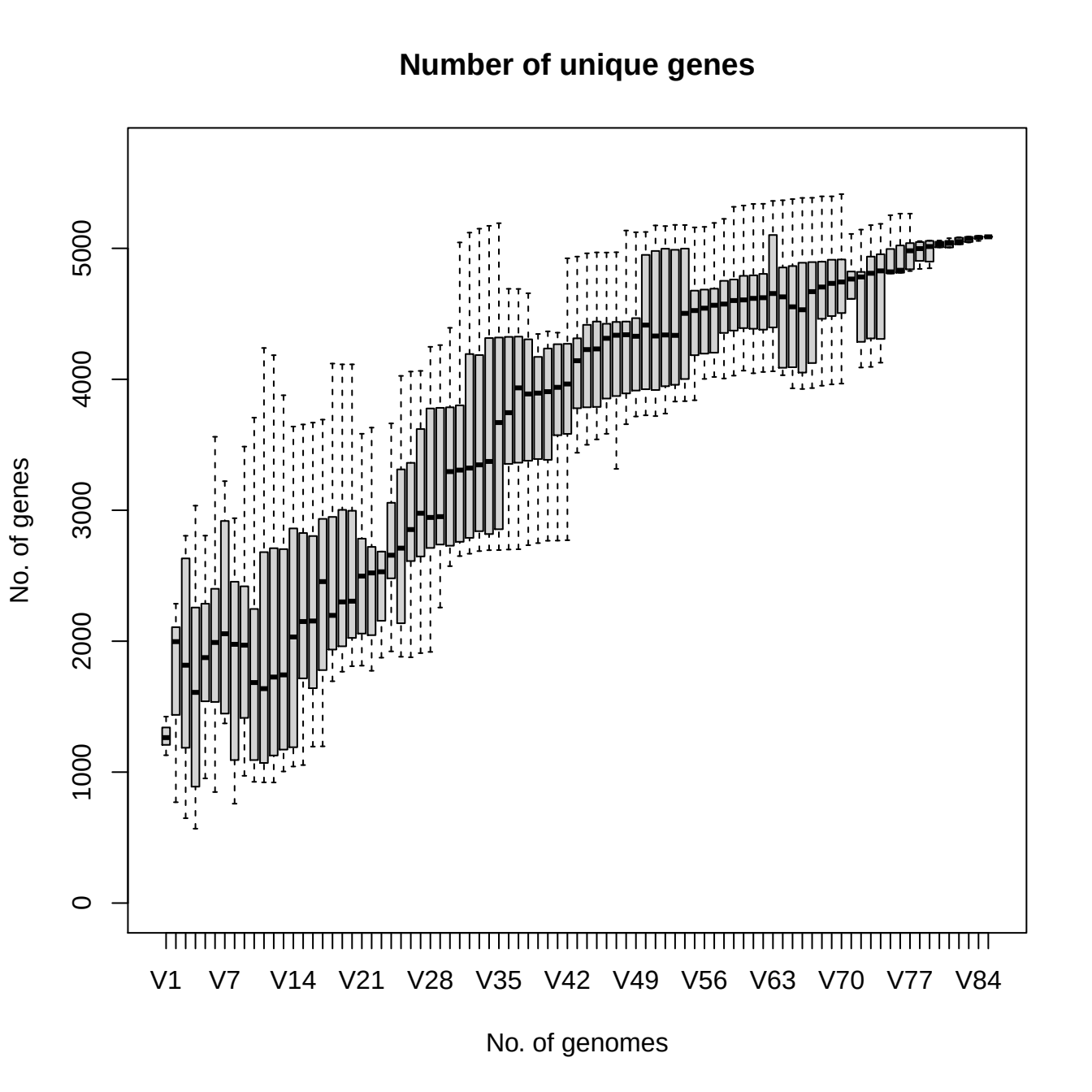
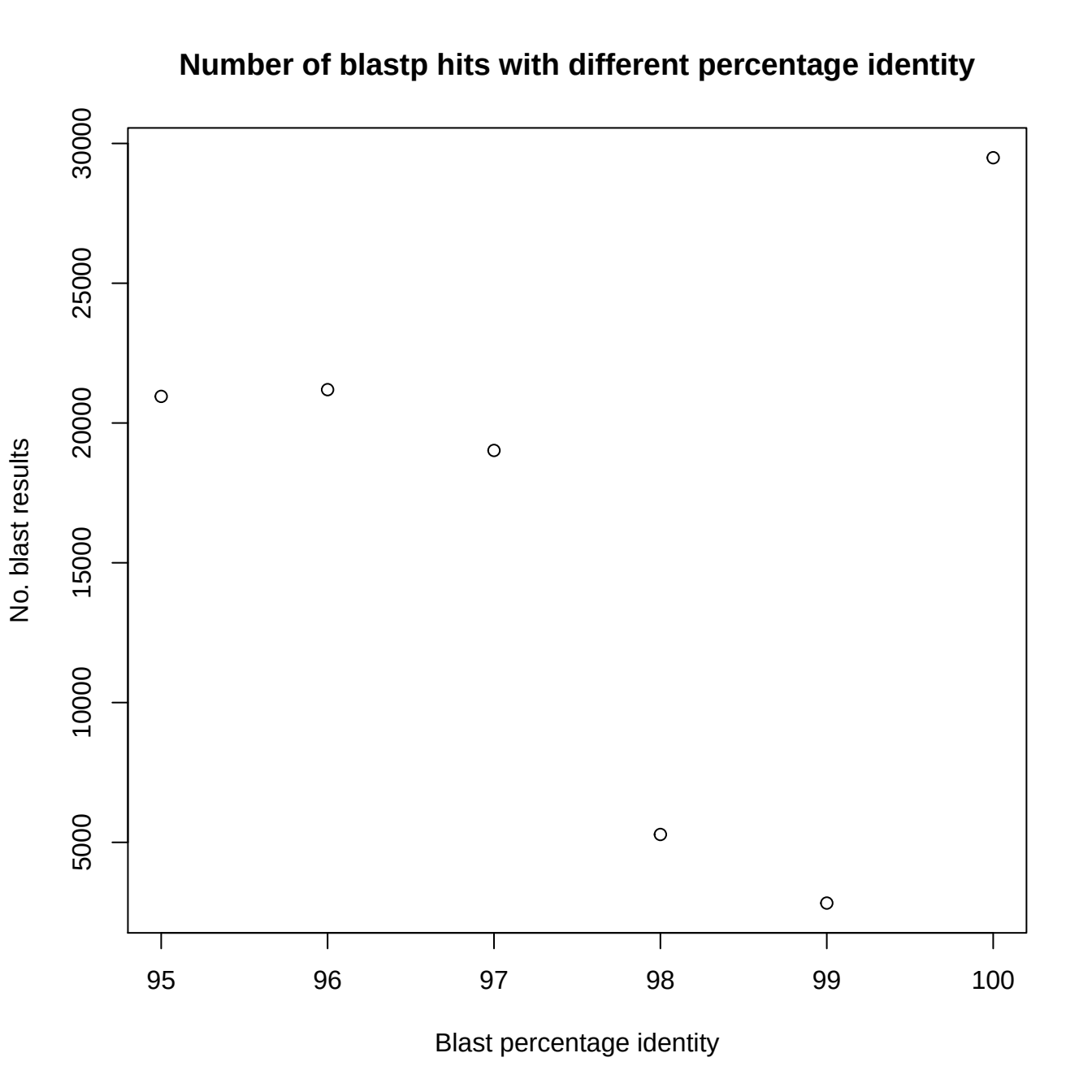
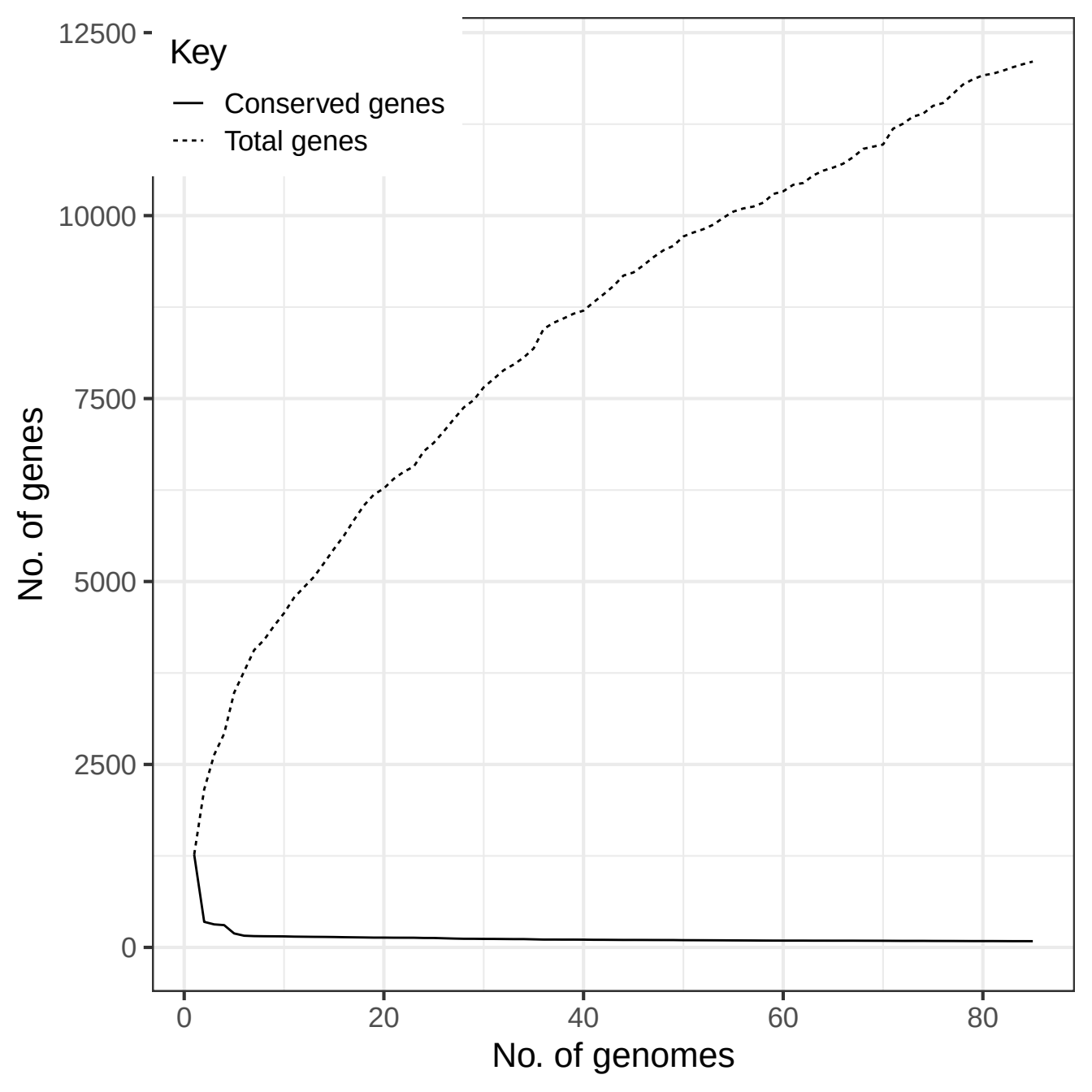

Number of new genes
No. of genes
0
200
400
600
800
1000
1200
1400
V1
V7
V14
V21
V28
V35
V42
V49
V56
V63
V70
V77
V84
No. of genomes

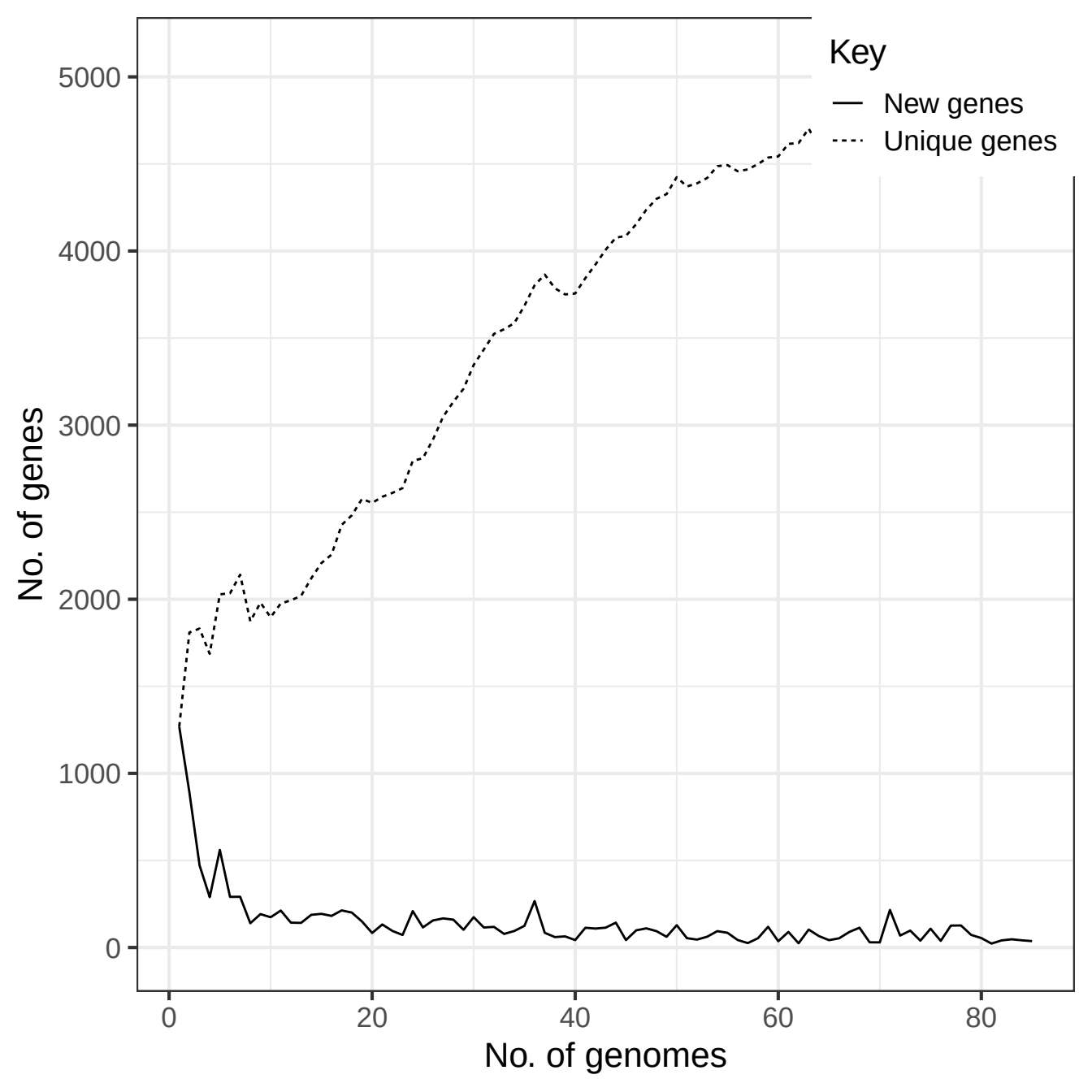

Number of conserved genes
No. of genes
0
200
400
600
800
1000
1200
1400
V1
V7
V14
V21
V28
V35
V42
V49
V56
V63
V70
V77
V84
No. of genomes


No. of genes in the pan−genome
No. of genes
0
2000
4000
6000
8000
10000
12000
V1
V7
V14
V21
V28
V35
V42
V49
V56
V63
V70
V77
V84
No. of genomes


Number of unique genes
No. of genes
0
1000
2000
3000
4000
5000
V1
V7
V14
V21
V28
V35
V42
V49
V56
V63
V70
V77
V84
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
12500
10000
7500
5000
2500
0
No. of genes
0
20
40
60
80
No. of genomes


Key
New genes
Unique genes
No. of genes
5000
4000
3000
2000
1000
0
0
20
40
60
80
No. of genomes