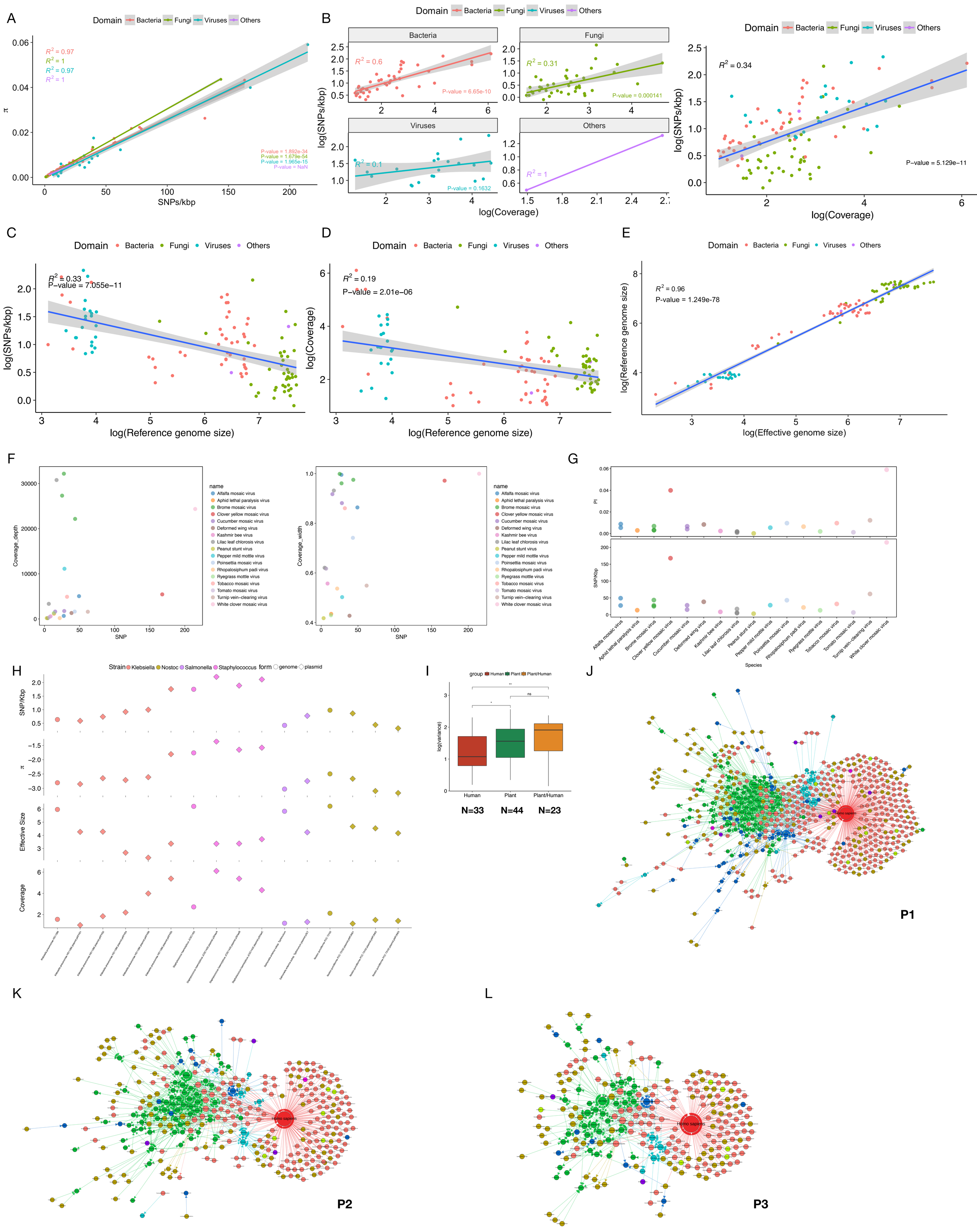
A
Domain Bacteria Fungi Viruses Others
R^2 = 0.97
R^2 = 1
R^2 = 0.97
R^2 = 1
P-value = 1.892e-34
P-value = 1.679e-54
P-value = 1.965e-15
P-value = NaN
π
SNPs/kbp
B
Bacteria
R^2 = 0.6
P-value = 6.65e-10
Fungi
R^2 = 0.31
P-value = 0.000141
Viruses
R^2 = 0.1
P-value = 0.1632
Others
R^2 = 1
log(SNPs/kbp)
log(Coverage)
R^2 = 0.34
P-value = 5.129e-11
C
R^2 = 0.33
P-value = 7.055e-11
log(SNPs/kbp)
log(Reference genome size)
D
R^2 = 0.19
P-value = 2.01e-06
log(Coverage)
log(Reference genome size)
E
R^2 = 0.96
P-value = 1.249e-78
log(Reference genome size)
log(Effective genome size)
F
Coverage_depth
Coverage_width
SNP
name
Alfalfa mosaic virus
Aphid lethal paralysis virus
Brome mosaic virus
Clover yellow mosaic virus
Cucumber mosaic virus
Deformed wing virus
Kashmir bee virus
Lilac leaf chlorosis virus
Peanut stunt virus
Pepper mild mottle virus
Poinsettia mosaic virus
Rhopalosiphum padi virus
Ryegrass mottle virus
Tobacco mosaic virus
Tomato mosaic virus
Turnip vein-clearing virus
White clover mosaic virus
G
PI
SNP/Kbp
Species
H
Strain Klebsiella Nostoc Salmonella Staphylococcus
form genome plasmid
SNP/Kbp
π
Effective Size
Coverage
I
group Human Plant Plant/Human
log(variance)
Human
Plant
Plant/Human
N=33
N=44
N=23
J
Homo sapiens
P1
K
Homo sapiens
P2
L
Homo sapiens
P3

Fig. S11