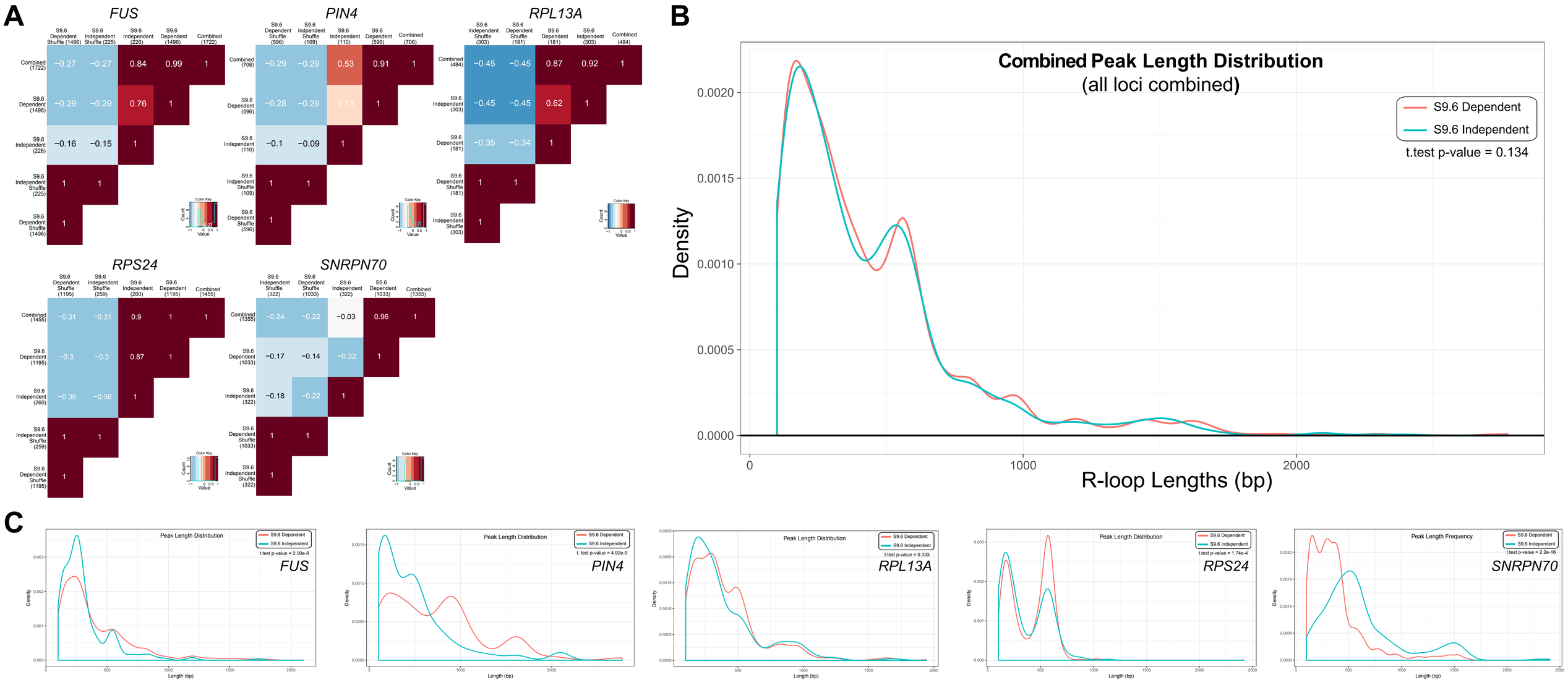
Figure S4


A
FUS
S9.6 Dependent Shuffle (1496)
S9.6 Independent Shuffle (225)
S9.6 Independent (226)
S9.6 Dependent (1496)
Combined (1722)
Combined (1722) −0.27 −0.27 0.84 0.99 1
S9.6 Dependent (1496) −0.29 −0.29 0.76 1
S9.6 Independent (226) −0.16 −0.15 1
S9.6 Independent Shuffle (225) 1 1
S9.6 Dependent Shuffle (1496) 1
PIN4
S9.6 Dependent Shuffle (596)
S9.6 Indpendent Shuffle (109)
S9.6 Independent (110)
S9.6 Dependent (596)
Combined (706)
Combined (706) −0.29 −0.29 0.53 0.91 1
S9.6 Dependent (596) −0.28 −0.29 0.13 1
S9.6 Independent (110) −0.1 −0.09 1
S9.6 Independent Shuffle (109) 1 1
S9.6 Dependent Shuffle (596) 1
RPL13A
S9.6 Independent Shuffle (303)
S9.6 Dependent Shuffle (181)
S9.6 Dependent (181)
S9.6 Independent (303)
Combined (484)
Combined (484) −0.45 −0.45 0.87 0.92 1
S9.6 Independent (303) −0.45 −0.45 0.62 1
S9.6 Dependent (181) −0.35 −0.34 1
S9.6 Dependent Shuffle (181) 1 1
S9.6 Independent Shuffle (303) 1
RPS24
S9.6 Dependent Shuffle (1195)
S9.6 Independent Shuffle (259)
S9.6 Independent (260)
S9.6 Dependent (1195)
Combined (1455)
Combined (1455) −0.31 −0.31 0.9 1 1
S9.6 Dependent (1195) −0.3 −0.3 0.87 1
S9.6 Independent (260) −0.36 −0.36 1
S9.6 Independent Shuffle (259) 1 1
S9.6 Dependent Shuffle (1195) 1
SNRPN70
S9.6 Independent Shuffle (322)
S9.6 Dependent Shuffle (1033)
S9.6 Independent (322)
S9.6 Dependent (1033)
Combined (1355)
Combined (1355) −0.24 −0.22 −0.03 0.96 1
S9.6 Dependent (1033) −0.17 −0.14 −0.32 1
S9.6 Independent (322) −0.18 −0.22 1
S9.6 Dependent Shuffle (1033) 1 1
S9.6 Independent Shuffle (322) 1
Color Key
Count
Value
B
Combined Peak Length Distribution
(all loci combined)
S9.6 Dependent
S9.6 Independent
t.test p-value = 0.134
Density
0.0020
0.0015
0.0010
0.0005
0.0000
0
1000
2000
R-loop Lengths (bp)
C
Peak Length Distribution
t.test p-value = 2.00e-8
FUS
t. test p-value = 4.92e-9
PIN4
t.test p-value = 0.333
RPL13A
t.test p-value = 1.74e-4
RPS24
Peak Length Frequency
t.test p-value = 2.2e-16
SNRPN70
Density
Length (bp)