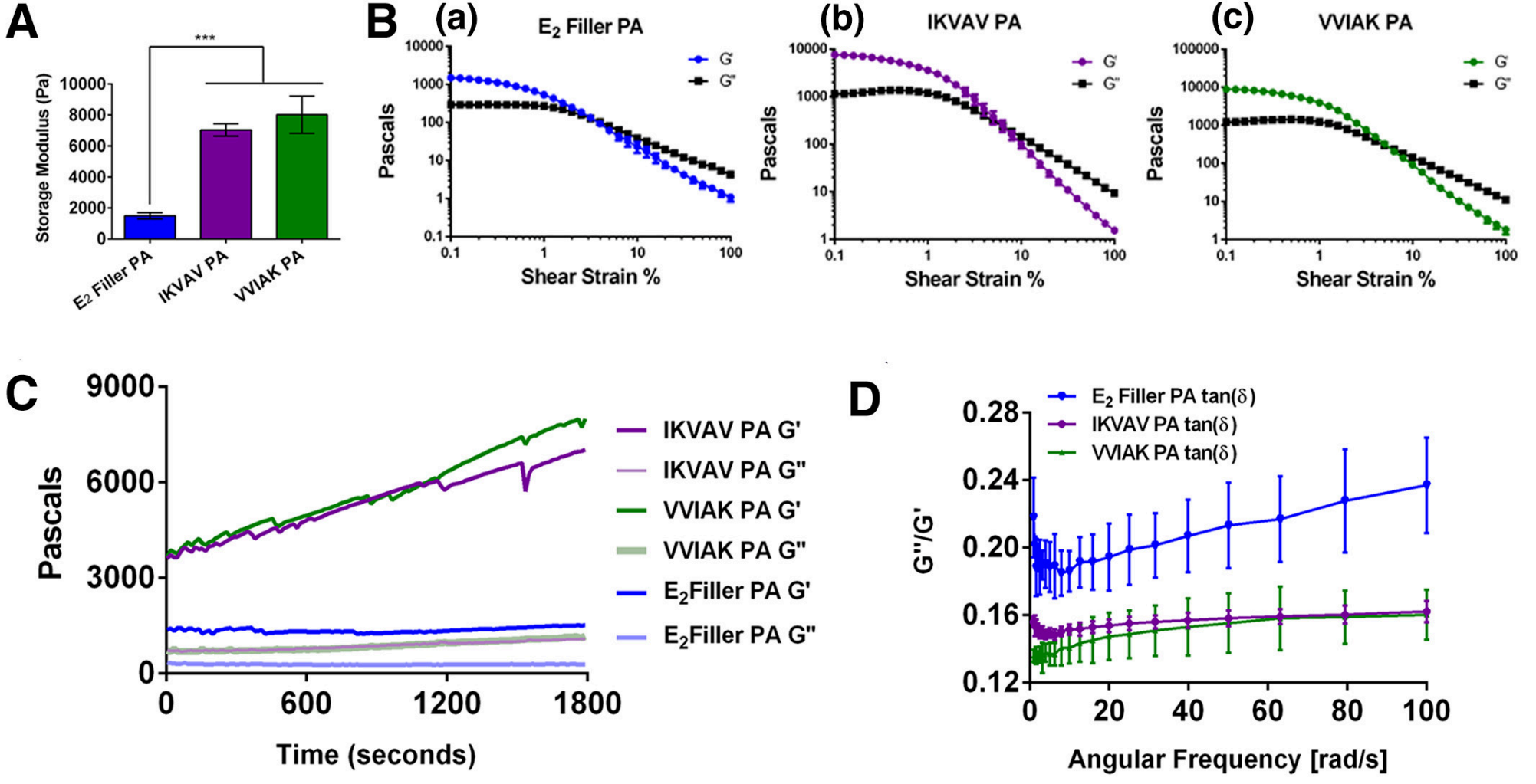
A
***
Storage Modulus (Pa)
10000
8000
6000
4000
2000
0
E2 Filler PA
IKVAV PA
VVIAK PA
B
(a)
E2 Filler PA
G'
G"
Pascals
Shear Strain %
(b)
IKVAV PA
(c)
VVIAK PA
C
9000
6000
3000
0
Pascals
0
600
1200
1800
Time (seconds)
IKVAV PA G'
IKVAV PA G"
VVIAK PA G'
VVIAK PA G"
E2Filler PA G'
E2Filler PA G"
D
E2 Filler PA tan(δ)
IKVAV PA tan(δ)
VVIAK PA tan(δ)
G"/G'
0.28
0.24
0.20
0.16
0.12
0
20
40
60
80
100
Angular Frequency [rad/s]