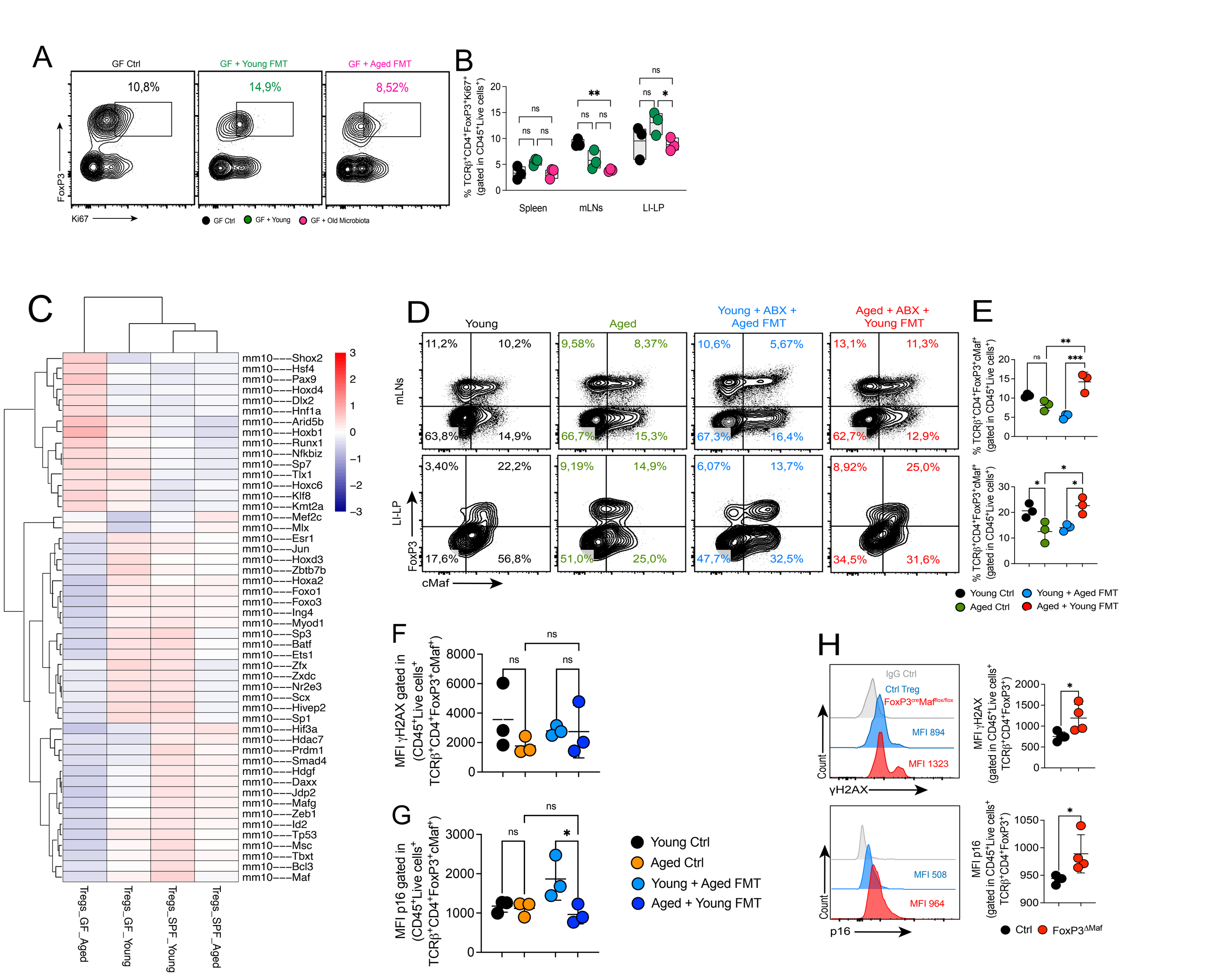
A
GF Ctrl
GF + Young FMT
GF + Aged FMT
10,8%
14,9%
8,52%
FoxP3
Ki67
GF Ctrl
GF + Young
GF + Old Microbiota
B
% TCRβ+CD4+FoxP3+Ki67+ (gated in CD45+Live cells+)
Spleen
mLNs
LI-LP
ns
**
*
C
mm10---Shox2
mm10---Hsf4
mm10---Pax9
mm10---Hoxd4
mm10---Dlx2
mm10---Hnf1a
mm10---Arid5b
mm10---Hoxb1
mm10---Runx1
mm10---Nfkbiz
mm10---Sp7
mm10---Tlx1
mm10---Hoxc6
mm10---Klf8
mm10---Kmt2a
mm10---Mef2c
mm10---Mlx
mm10---Esr1
mm10---Jun
mm10---Hoxd3
mm10---Zbtb7b
mm10---Hoxa2
mm10---Foxo1
mm10---Foxo3
mm10---Ing4
mm10---Myod1
mm10---Sp3
mm10---Batf
mm10---Ets1
mm10---Zfx
mm10---Zxdc
mm10---Nr2e3
mm10---Scx
mm10---Hivep2
mm10---Sp1
mm10---Hif3a
mm10---Hdac7
mm10---Prdm1
mm10---Smad4
mm10---Hdgf
mm10---Daxx
mm10---Jdp2
mm10---Mafg
mm10---Zeb1
mm10---Id2
mm10---Tp53
mm10---Msc
mm10---Tbxt
mm10---Bcl3
mm10---Maf
Tregs_GF_Aged
Tregs_GF_Young
Tregs_SPF_Young
Tregs_SPF_Aged
D
Young
Aged
Young + ABX + Aged FMT
Aged + ABX + Young FMT
mLNs
LI-LP
FoxP3
cMaf
11,2%
10,2%
63,8%
14,9%
9,58%
8,37%
66,7%
15,3%
10,6%
5,67%
67,3%
16,4%
13,1%
11,3%
62,7%
12,9%
3,40%
22,2%
17,6%
56,8%
9,19%
14,9%
51,0%
25,0%
6,07%
13,7%
47,7%
32,5%
8,92%
25,0%
34,5%
31,6%
E
% TCRβ+CD4+FoxP3+cMaf+ (gated in CD45+Live cells+)
Young Ctrl
Young + Aged FMT
Aged Ctrl
Aged + Young FMT
F
MFI γH2AX gated in (CD45+Live cells+ TCRβ+CD4+FoxP3+cMaf+)
G
MFI p16 gated in (CD45+Live cells+ TCRβ+CD4+FoxP3+cMaf+)
Young Ctrl
Aged Ctrl
Young + Aged FMT
Aged + Young FMT
H
IgG Ctrl
Ctrl Treg
FoxP3creMafflox/flox
MFI 894
MFI 1323
Count
γH2AX
MFI γH2AX (gated in CD45+Live cells+ TCRβ+CD4+FoxP3+)
MFI 508
MFI 964
p16
MFI p16 (gated in CD45+Live cells+ TCRβ+CD4+FoxP3+)
Ctrl
FoxP3ΔMaf