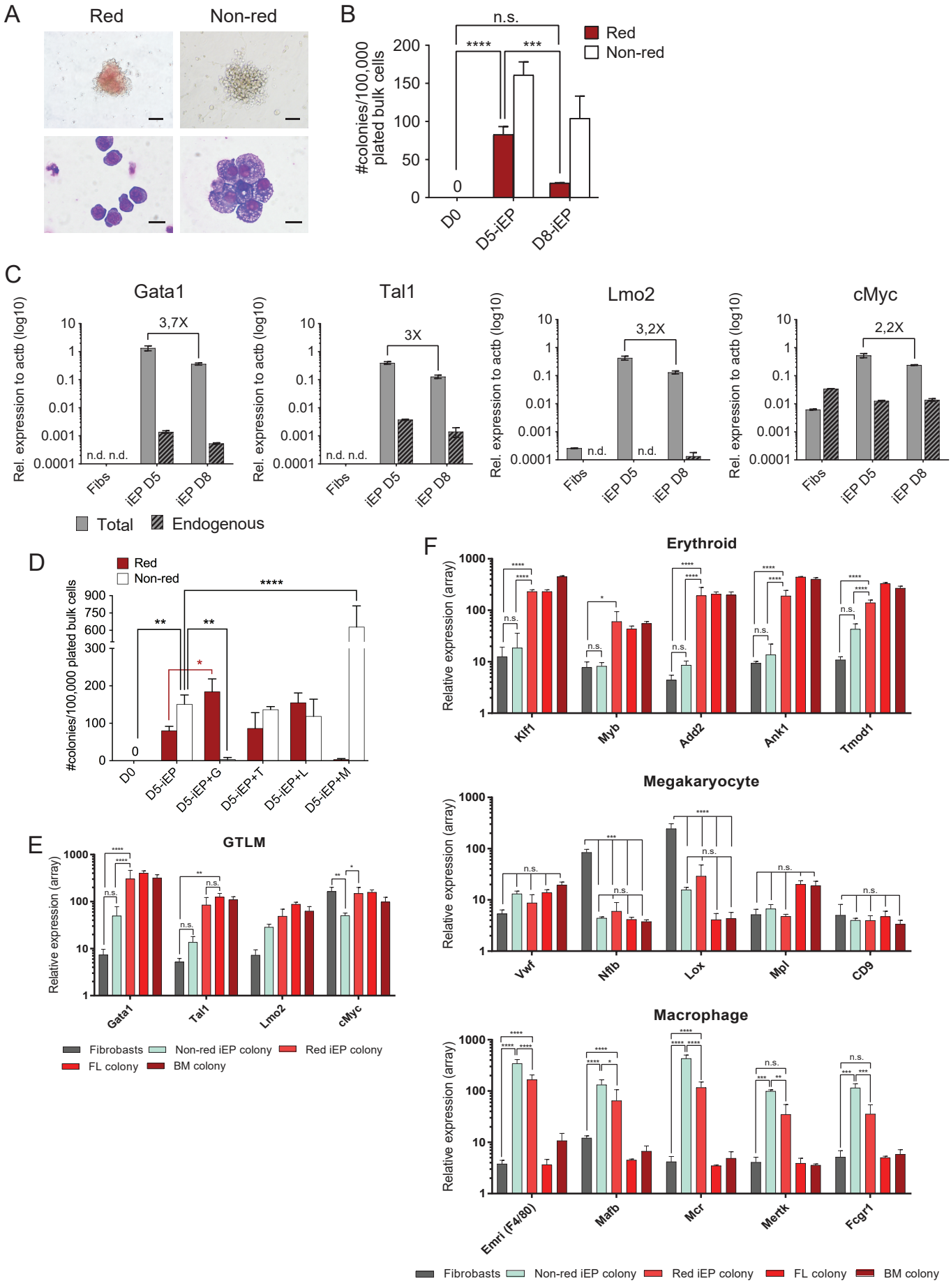
A
Red
Non-red
B
n.s.
****
***
Red
Non-red
#colonies/100,000 plated bulk cells
200
150
100
50
0
0
D0
D5-iEP
D8-iEP
C
Gata1
Tal1
Lmo2
cMyc
Rel. expression to actb (log10)
3,7X
3X
3,2X
2,2X
10
1
0.1
0.01
0.001
0.0001
n.d. n.d.
n.d.
Fibs
iEP D5
iEP D8
Total
Endogenous
D
Red
Non-red
#colonies/100,000 plated bulk cells
900
750
600
300
200
100
0
**
**
****
*
0
D0
D5-iEP
D5-iEP+G
D5-iEP+T
D5-iEP+L
D5-iEP+M
E
GTLM
Relative expression (array)
1000
100
10
1
n.s.
Gata1
Tal1
Lmo2
cMyc
Fibrobasts
Non-red iEP colony
Red iEP colony
FL colony
BM colony
F
Erythroid
Megakaryocyte
Macrophage
Relative expression (array)
Klf1
Myb
Add2
Ank1
Tmod1
Vwf
Nfib
Lox
Mpl
CD9
Emr1 (F4/80)
Mafb
Mcr
Mertk
Fcgr1
Fibrobasts
Non-red iEP colony
Red iEP colony
FL colony
BM colony