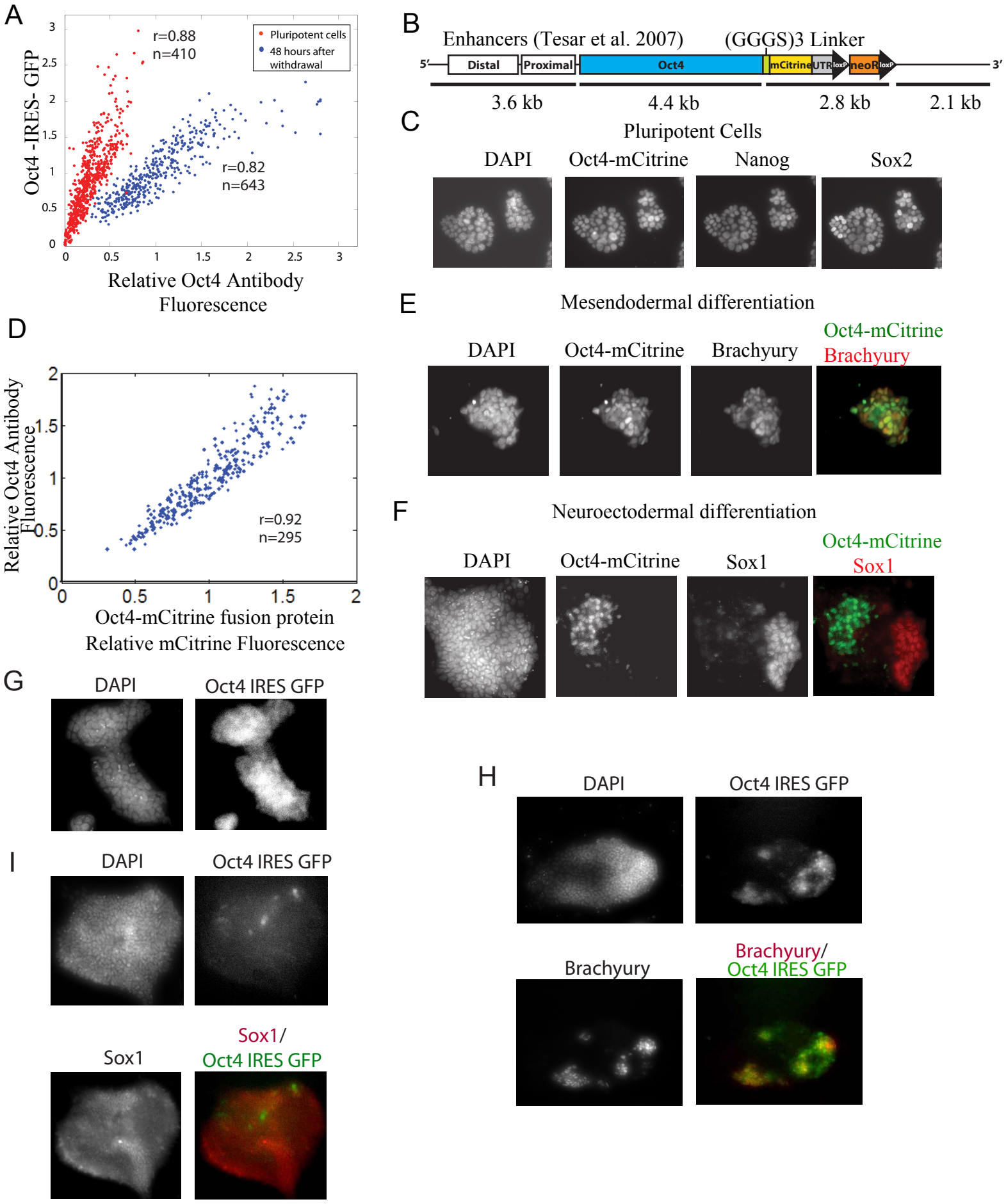
Figure S4


A
r=0.88
n=410
Pluripotent cells
48 hours after withdrawal
r=0.82
n=643
Oct4 -IRES- GFP
Relative Oct4 Antibody Fluorescence
B
Enhancers (Tesar et al. 2007)
(GGGS)3 Linker
5'
Distal
Proximal
Oct4
mCitrine
UTR
loxP
neoR
loxP
3'
3.6 kb
4.4 kb
2.8 kb
2.1 kb
C
Pluripotent Cells
DAPI
Oct4-mCitrine
Nanog
Sox2
D
r=0.92
n=295
Relative Oct4 Antibody Fluorescence
Oct4-mCitrine fusion protein
Relative mCitrine Fluorescence
E
Mesendodermal differentiation
DAPI
Oct4-mCitrine
Brachyury
Oct4-mCitrine
Brachyury
F
Neuroectodermal differentiation
DAPI
Oct4-mCitrine
Sox1
Oct4-mCitrine
Sox1
G
DAPI
Oct4 IRES GFP
H
DAPI
Oct4 IRES GFP
Brachyury
Brachyury/
Oct4 IRES GFP
I
DAPI
Oct4 IRES GFP
Sox1
Sox1/
Oct4 IRES GFP