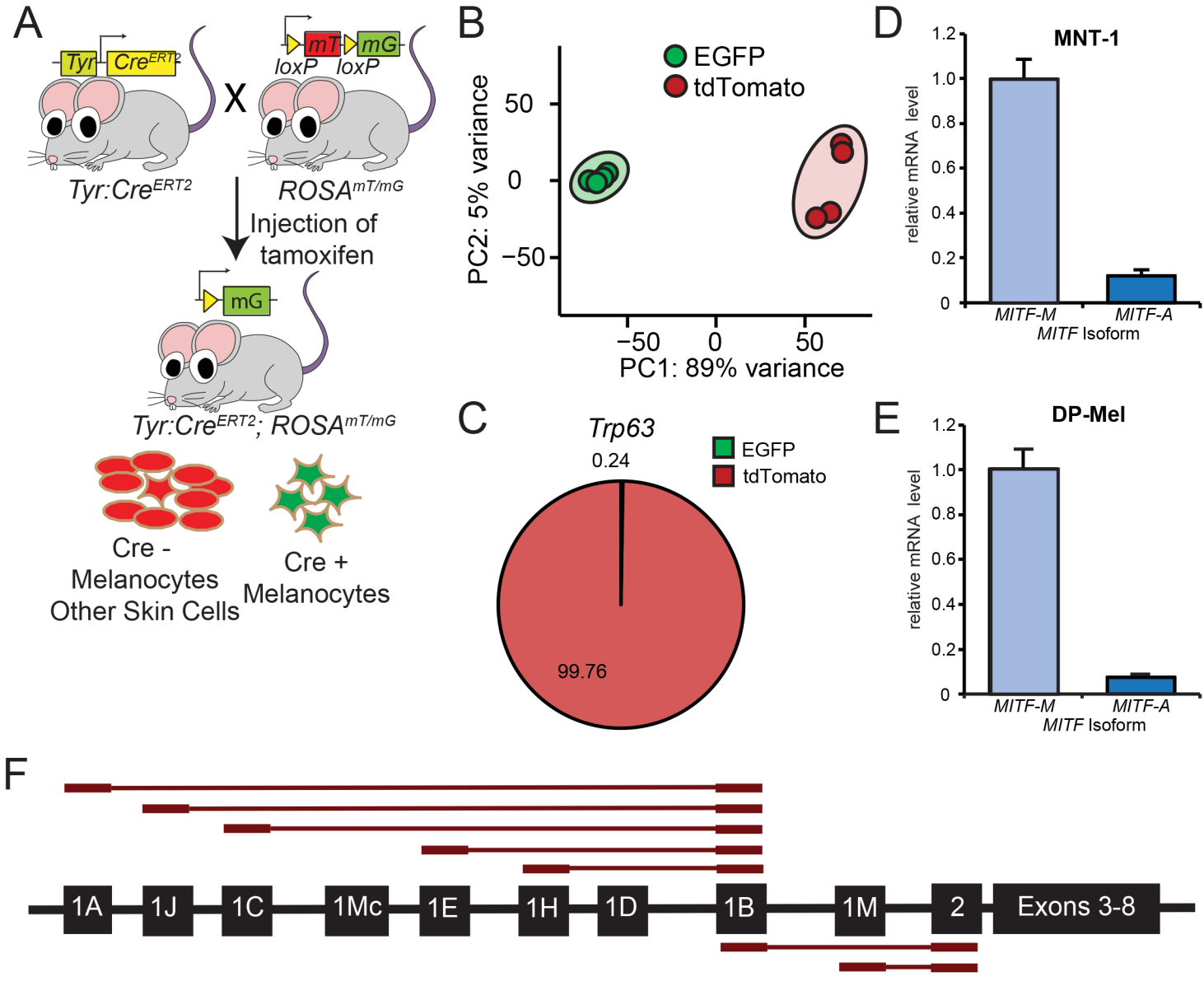
Figure S1


A
Tyr
Cre^ERT2
X
mT
mG
loxP
loxP
Tyr:Cre^ERT2
ROSA^mT/mG
Injection of tamoxifen
mG
Tyr:Cre^ERT2; ROSA^mT/mG
Cre -
Melanocytes
Other Skin Cells
Cre +
Melanocytes
B
EGFP
tdTomato
PC2: 5% variance
PC1: 89% variance
50
0
−50
−50
0
50
C
Trp63
0.24
99.76
EGFP
tdTomato
D
MNT-1
relative mRNA level
1.2
1.0
0.8
0.6
0.4
0.2
0
MITF-M
MITF-A
MITF Isoform
E
DP-Mel
relative mRNA level
1.2
1.0
0.8
0.6
0.4
0.2
0
MITF-M
MITF-A
MITF Isoform
F
1A
1J
1C
1Mc
1E
1H
1D
1B
1M
2
Exons 3-8