a
Training Set (10-fold cross validation)
R = 0.78, p < 2.2e-16
MAE: 14.71, MED: 12.57
Transcription age (Years)
Chronological age (Years)
b
Transcription age (years)
Old
Old treated
Young
Group
c
0.1
0.0667
0.857
0.0667
BiT age (Years)
Length of Doxycycline treatment (days)
Group
Negative control
Failed to transiently reprogram
Transiently reprogrammed
d
Age upregulated
Age downregulated
FAM134B
APBA2
MAF
KRT18
PPL
KRT8
TNXB
PLEKHG4B
WISP2
STRA6
Log2Counts
Experimental group
Negative control [6]
Failed to transiently reprogram [6]
Transiently reprogrammed [4]
Young (≤ 20) [28]
Old (≥ 80) [33]
e
Migration Speed
Biological replicate 1
Biological replicate 2
Biological replicate 3
Biological replicate 4
Young controls
Group
Young
Transiently reprogrammed
Failed to transiently reprogram
Negative control