A
2S undifferentiated spermatogonia
STRA8-positive control
STRA8
B
ROSA26 locus
CAG promoter
STOP
tdTomato
loxP
loxP
recombination by Ddx4-Cre
CAG promoter
tdTomato
loxP
C
SSC-A
FSC-A
61.3
SSC-H
91.0
FSC-H
99.4
DAPI
98.5
GFP
tdTomato
23.6
D
Replicate 2
Replicate 1
r=0.9869
E
Spearman's rank correlation coefficient
Pdx1:GFP– undiff gonia, rep 4 (ii)
Pdx1:GFP– undiff gonia, rep 1 (ii)
Pdx1:GFP– undiff gonia, rep 3 (ii)
Pdx1:GFP– undiff gonia, rep 2 (ii)
Pdx1:GFP+ undiff gonia, rep 1 (ii)
Pdx1:GFP+ undiff gonia, rep 4 (ii)
Pdx1:GFP+ undiff gonia, rep 3 (ii)
Pdx1:GFP+ undiff gonia, rep 2 (ii)
3S undiff gonia, rep 2 (i)
3S undiff gonia, rep 1 (i)
KIT+, Pou5f1:EGFP+ diff gonia, rep 1 (iii)
KIT+, Pou5f1:EGFP+ diff gonia, rep 2 (iii)
KIT+ diff gonia, rep 1 (iv)
KIT+ diff gonia, rep 2 (iv)
F
TPM
Bcl6b
Id4
Etv5
Foxc2
Gfra1
Lhx1
Nanos2
Pdx1
Lin28a
Neurog3
Foxo1
Pou5f1
Sall4
Zbtb16
Kit
Stra8
Dazl
Stem/progenitor spermatogonia
Progenitor spermatogonia
Undifferentiated spermatogonia
Differentiating spermatgonia
3S undiff gonia (i)
Pdx1:GFP+ undiff gonia (ii)
Pdx1:GFP- undiff gonia (ii)
KIT+Pou5f1 :EGFP+ diff gonia (iii)
KIT+ diff gonia (iv)