Ai

Aii

Bi

EdU

Hoechst

Merge

Bii

EdU positive cells (%)

Ci

H3K9ac (relative to input)

Cii

E2F1 (relative to input)

D

E2F1

GCN5

PCAF

Bii

30

24

18

12

6

0

0.0

0.3

0.6

0.9

1.2

0.0

0.3

0.6

0.9

1.2

0.0

0.3

0.6

0.9

1.2

Control sh-GCN5 sh-PCAF sh-E2F1

Control sh-GCN5 sh-PCAF sh-E2F1

Control sh-GCN5 sh-PCAF sh-E2F1

Control sh-GCN5 sh-PCAF sh-E2F1

Control sh-GCN5 sh-PCAF sh-E2F1

β−-actin

knockdown efficiency

knockdown efficiency

293T Control Cancer Control Cancer

Non-BRCA1 mutation

BRCA1 mutation

Relative DNMT1 mRNA levels

sh-GCN5/PCAF

sh-E2F1