Figure 1.
Figure 2.

Cell type-specific expression of Dam-fusion

Dissect and freeze tissue (steps 1-3)

Extract genomic DNA (steps 4-11)

Digest with DpnI (steps 12-14)
(DpnI cuts at methylated GATC sites)

Ligate adaptors (steps 15-18)

Digest with DpnII (steps 19-21)

PCR amplify methylated DNA (steps 22-25)

Day 1

Day 2

Isolation and enrichment of methylated DNA fragments

Day 3

Day 4

Day 5

Sonicate (steps 26-31)

Remove adaptors (steps 32-33)

End repair (steps 34-49)

Adenylate 3' ends (steps 50-51)

Sequencing adaptor ligation (steps 52-75)

Enrich DNA fragments (steps 76-91)

Preparation of sequencing libraries

Sequence Dam-fusion material

Sequence Dam material