

DIFFERENT adapters
at both ends

AGGT
TCCA

TAAG
ATTC

bridge
formation

one DNA strand
(complementary)
is not sequenced...?

G
A
A
T

A T
C G
C G
T A

A
T
T
C

ad_1
complement ad_2
complement

A T
C G
C G
T A

A T
T A
T A
C G

ad_1
complement ad_2
complement

FLOW CELL

SIMILAR adapters
at both ends

ACGT
TGCA

ACGT
TGCA

bridge
formation

T
G
C
A

A T
C G
G C
T A

A
C
G
T

ad_1
complement

ad_1
complement

A T
C G
G C
T A

A X A
C X C
G X G
T X T

ad_1
complement

ad_1
complement

FLOW CELL

SIMILAR adapters
at both ends

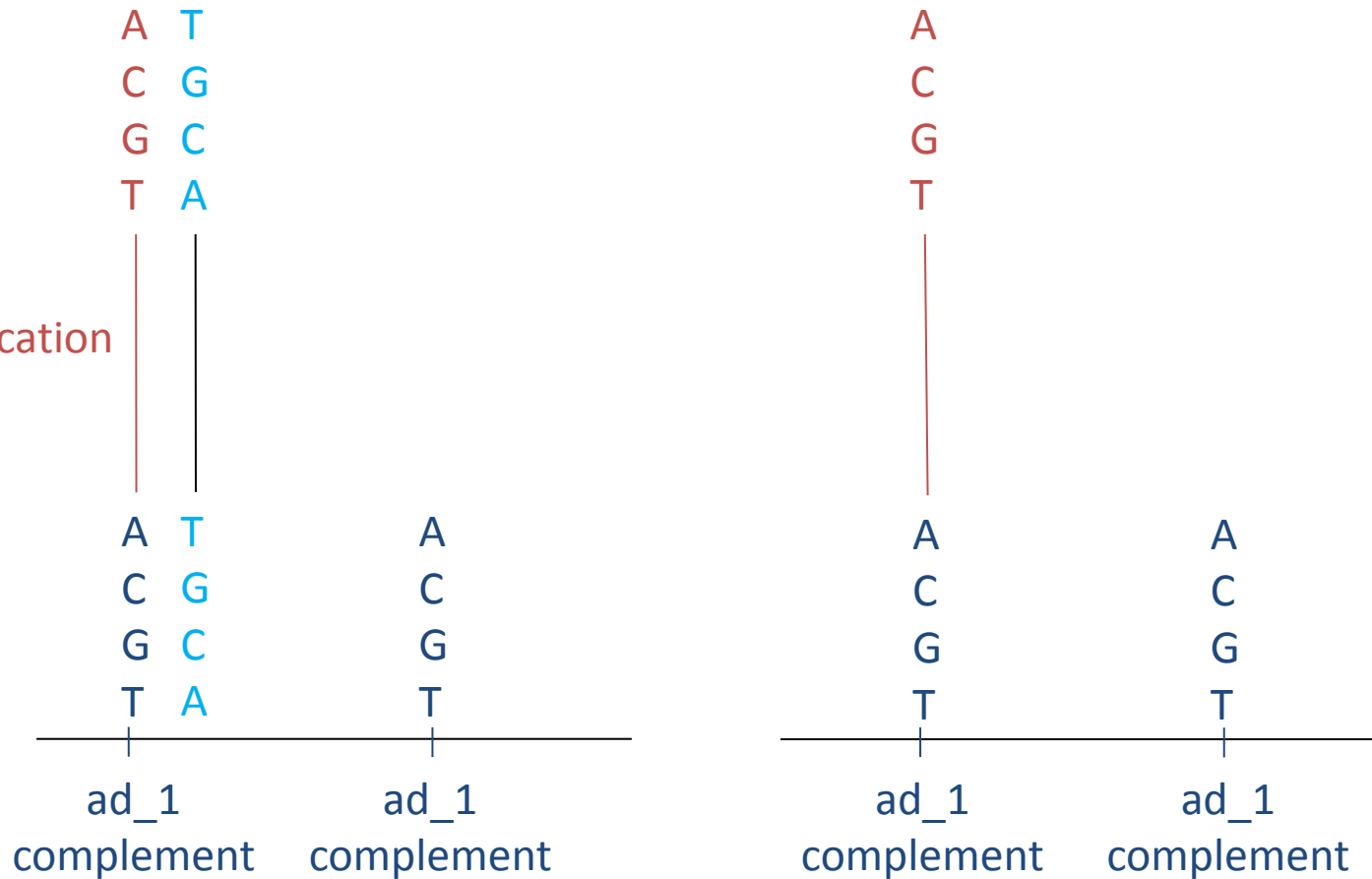
ACGT
TGCA

ACGT
TGCA

2. denaturation

1. amplification

FLOW CELL



SIMILAR adapters
at both ends

ACGT
TGCA

ACGT
TGCA

5. denaturation

4. amplification

3. bridge
formation

6. sequencing

FLOW CELL

