

error correction

gDNA of
A/T heterozygote

_____ T — 0010
_____ T — 1011
_____ A — 0001
_____ A — 1111

amplification

sequencing reads

A _____ T — 1011
C _____ T — 1011
A _____ T — 1011
A _____ T — 0010
G _____ T — 0010
A _____ T — 0010
A _____ T — 0010
A _____ A — 0001
A _____ A — 1111

incorrect call:
homozygous T

A _____ T — 1011
C _____ T — 1011
A _____ T — 1011
consensus: A _____ T — 1011

A _____ T — 0010
G _____ T — 0010
A _____ T — 0010
A _____ T — 0010
consensus: A _____ T — 0010

A _____ A — 0001

A _____ A — 1111

A _____ T — 1011
A _____ T — 0010
A _____ A — 0001
A _____ A — 1111

correct call:
heterozygous A/T call

