

Reference genome:

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

Sequenced genome:

A G A C T T G G C C C C **A** T C C C C A T T C **C** A G G T C T T C
A G A C T T G G C **T** C C C T C C C C A T T C **C** A G G T C T T C



C/C
R R



A/C
A R



C/C
A A

VCF notation ...

0/0

1/0

1/1

Alternate allele dosage ...

0

1

2