

a) Real haplotypes

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

b) Genotypes

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

c) Real haplotypes

1	1	0	0	0
0	1	1	0	0
0	0	0	1	1
0	0	1	0	1
1	0	0	1	1
1	1	0	0	0

d) Genotypes

1	2	1	0	0
0	0	1	1	2
2	1	0	1	1

e) Inferred haplotypes

0	1	0	0	0
1	1	1	0	0
0	0	0	0	1
0	0	1	1	1
1	0	0	0	0
1	1	0	1	1


genotyping


**computational
phasing**