

Normal sample (diploid)

—●—●—● Haplotype A

—●—●— Haplotype B
 SNP i (hom. SNP) SNP j SNP k

Tumor sample (aneuploid)

—●—
 —●—●—● } Haplotype A

—●—●— Haplotype B

—●—
 —●—
 —●—
 —●— } Reads from A
 —●—
 —●—
 —●— } Reads from B

$$a_i = 2$$

$$b_i = 2$$

$$a_j = 4$$

$$b_j = 2$$

$$a_k = 4$$

$$b_k = 2$$

$$\underbrace{\hspace{10em}}_{\mathcal{L}}$$

$$\mathcal{L}(f | \mathcal{L}) = f^{4+4} (1-f)^{2+2}$$