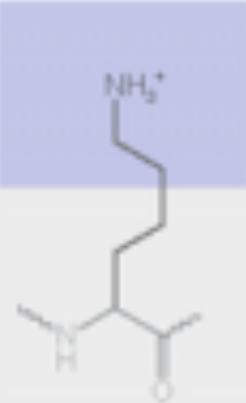
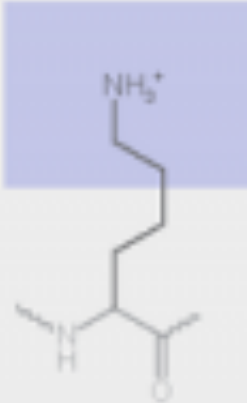
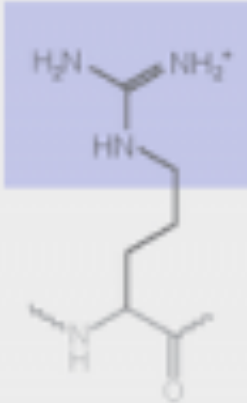
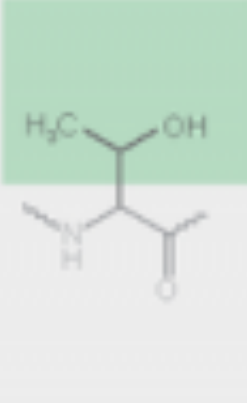
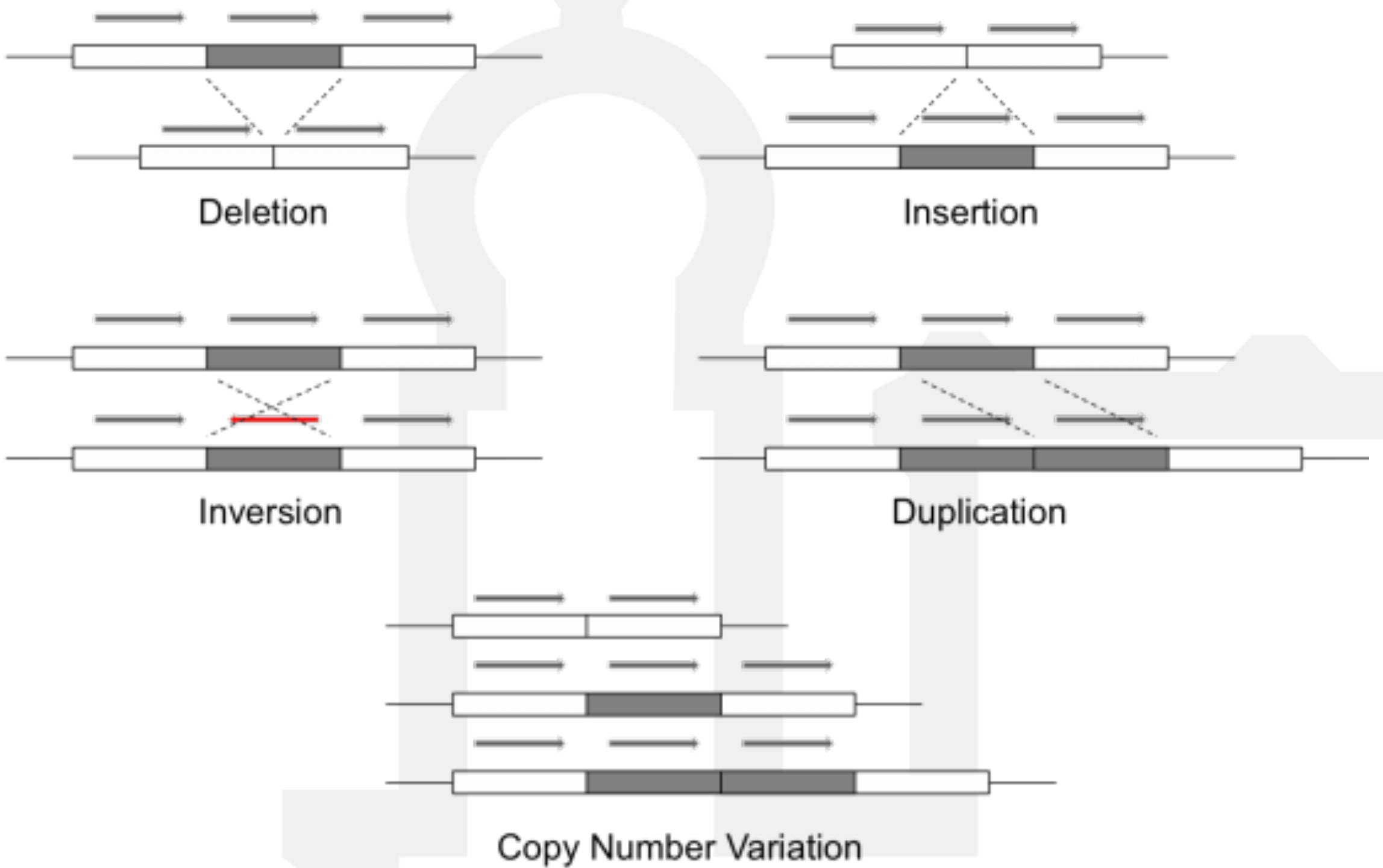


Variantes

Reference	ACTGACGCATGCATCATGCATGC	
SNP	ACTGACGCATGCATCAT T CATGC	
Reference	ACTGACGCATGCATCATGCATGC	
Insertion	ACTGACGCATG GTA CATCATGCATGC	} Indel
Deletion	ACTGACG -- TGCATCATGCATGC	

Point mutations					
No mutation	Silent	Nonsense	Missense		
			conservative	non-conservative	
DNA level	TTC	TT T	A TC	T C C	T G C
mRNA level	AAG	AA A	U AG	AG G	AC G
protein level	Lys	Lys	STOP	Arg	Thr
					
	basic		polar		

Structural Variation



- Mapeamento de reads sequenciados.
- Sobreposição das sequências.
- Estatística para identificação da variante

