

TYPES OF GENOMIC VARIATION

SMALL VARIANTS

< 50 BASE PAIRS / VARIANT

SNV

1 BASE PAIR / VARIANT

INDELS

1-49 BASE PAIRS / VARIANT

STRUCTURAL VARIANTS

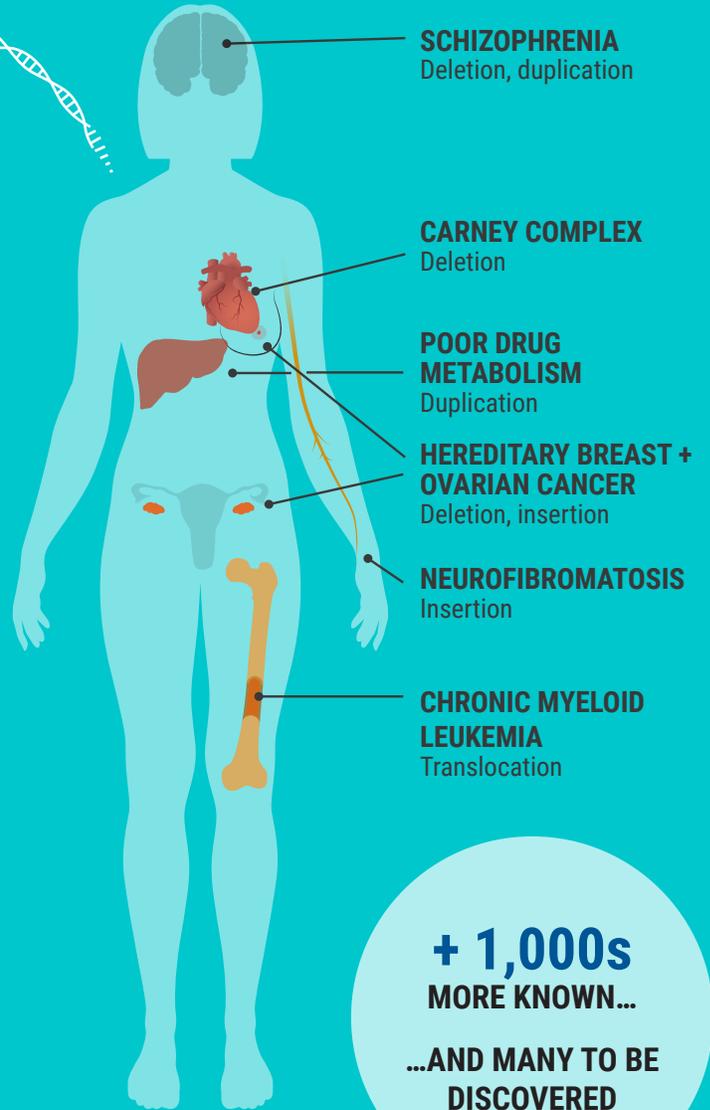
≥ 50 BASE PAIRS / VARIANT



STRUCTURAL VARIANTS
COMPRISE MORE THAN HALF
OF GENOMIC VARIATION

60%

KNOWN DISEASES CAUSED BY STRUCTURAL VARIANTS



+ 1,000s
MORE KNOWN...

...AND MANY TO BE
DISCOVERED

> 20,000
STRUCTURAL
VARIANTS
IN A HUMAN
GENOME