

Karyotype Activity

http://www.zerobio.com/karyotype_drag_and_drop.swf

Name: _____

Key

Hour: _____

Read the information about karyotypes then, click on 'Karyotype 1' and drop and drag the chromosomes to make their homologous pairs. Analyze and answer the questions below. Click the home page to get to the other karyotypes.

Karyotype 1

1. How many chromosomes are there? Too many or too few?

47

2. What sex/gender is the person?

male

3. What if any chromosomal abnormality does the person have? Autosomal or Sex Chromosomes?

Klinefelter's syndrome

Karyotype 2

1. How many chromosomes are there? Too many or too few?

47

2. What sex/gender is the person?

Female

3. What if any chromosomal abnormality does the person have? Autosomal or Sex Chromosomes?

Downs Syndrome

Karyotype 3

1. How many chromosomes are there? Too many or too few?

45

2. What sex/gender is the person?

Female

3. What if any chromosomal abnormality does the person have? Autosomal or Sex Chromosomes?

Turner's Syndrome