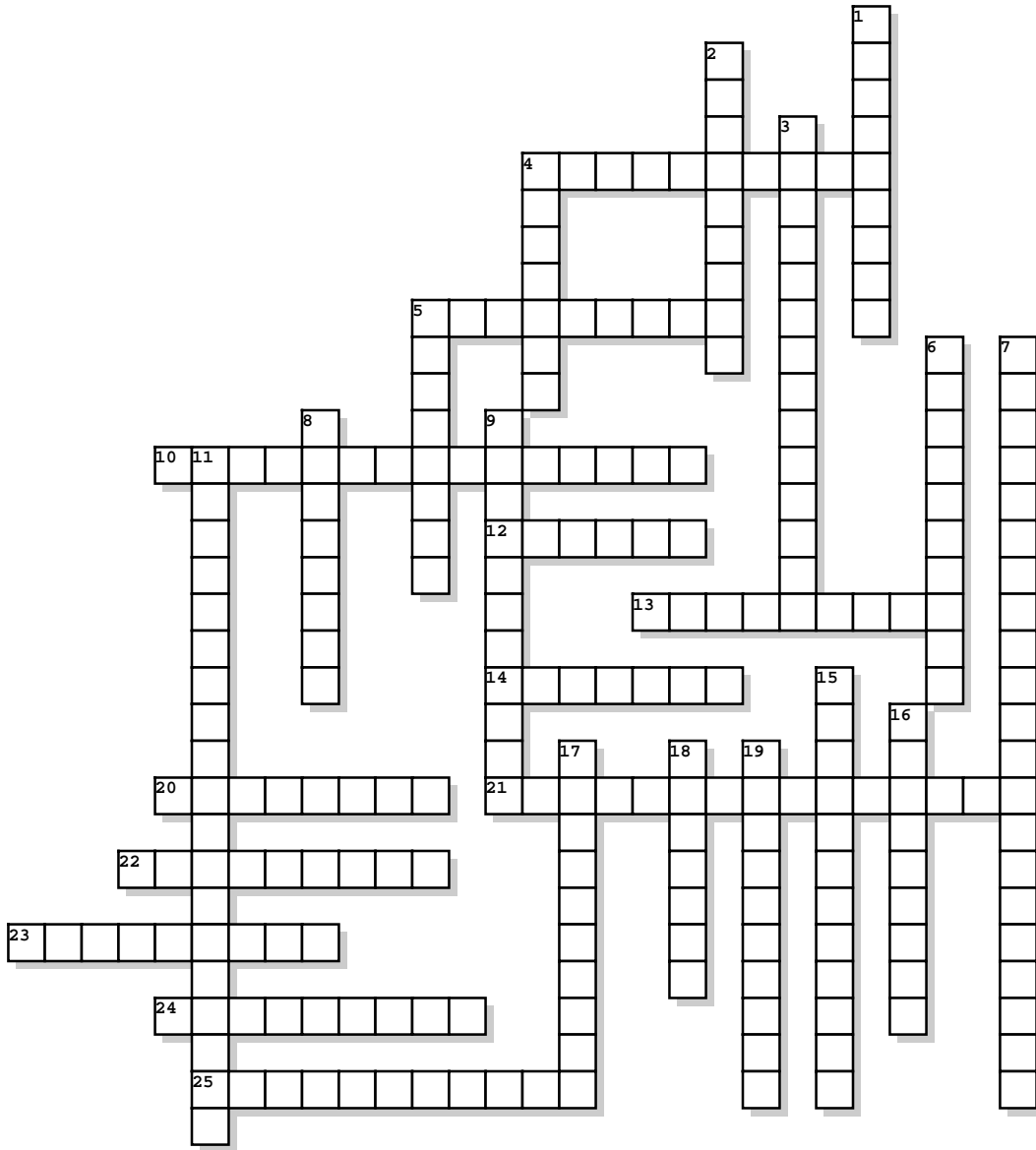


Genetics (CH 10, 11, 14.1, 14.2)



Across

- 4 Chromosomes with the same size, shape, and set of genes.
- 5 Non-sex chromosomes
- 10 An identical copy of a chromosome attached by a centromere.

Down

- 1 An allele that is masked or hidden by another allele.
- 2 Cell starts to divide.

Across

- 12 Different versions of a gene or characteristic.
- 13 The production of eggs through meiosis.
- 14 Cells with 2 sets of chromosomes.
- 20 A chart used to show the relationships within a family.
- 21 The production of sperm through meiosis.
- 22 The step where crossing over occurs.
- 23 The structure in the cell that pulls sister chromatids or homologous chromosomes apart.
- 24 A picture of chromosomes.
- 25 Where all alleles are equally expressed in the phenotype.

Down

- 3 When homologous pairs of chromosomes fail to separate during meiosis.
- 4 Cells with half the number of chromosomes.
- 5 Sister chromatids separate during mitosis.
- 6 Homologous chromosomes line up on each side of equator (Independent Assortment)
- 7 Genetic recombination that occurs during Metaphase I of meiosis.
- 8 The alleles that an individual possess.
- 9 Infertile eggs.
- 11 $P + p =$ pink flowers
- 15 An individual with 2 different alleles for the same gene.
- 16 What an individual looks like.
- 17 Structure that attaches two sister chromatids together.
- 18 An individual who carries the allele for a trait, but does not show the trait.
- 19 An individual who has the same alleles for the same gene.