Principles of Heredity

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| **Across**  **3.** transfer of genetic material between organisms  **4.** An alternate form of a gene  **7.** cell division producing clones  **11.** Square used to determine probability and results of cross  **13.** Having identical alleles  **14.** The allele that is masked or covered up by the dominant allele  **16.** Gregor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, the "father of genetics"  **17.** a diagram showing a person's paired chromosomes | **Down**  **1.** The genetic make-up of an organism  **2.** Having non identical alleles  **5.** allele expressed if only one is present  **6.** describing a pair of similar chromosomes  **8.** reduction division  **9.** The outward expression or appearance  **10.** A cross that involves ONE pair of contrasting traits  **12.** When neither allele is dominant, each is  **15.** The plants Mendel did his studies on |