**Text Comparison Matrix**

**Concept/subject: Mendel’s 4 Laws**

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| Type of Mutation | Explanation | Example |
| Rule of Unit Factors | each organism has 2 alleles that control each trait | 1 Allele comes from mom and 1 allele comes from dad |
| Rule of Dominance | In cases in which 2 or more alleles for a single trait exist, one allele may be dominant (mask) to the recessive one | TT or Tt tt |
| Law of Segregation | each gamete receives 1 allele, during fertilization the gametes randomly pair resulting in 4 possible combinations |  |
| Law of Independent Assortment | the genes for different traits separate into gametes independently of each other | Genes for seed shape and seed color are inherited independently of each other |

Summary: