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| **Trait** | **Phenotype** | **Bead Color** | **Genotype** |
| 1. Hair color | brown, black, or red hair |  | LL or Ll |
|  | blond hair |  | ll |
| 2. Hair type | naturally curly |  | TT or Tt |
|  | naturally straight |  | tt |
| 3. Tongue curling | can curl tongue |  | CC or Cc |
|  | cannot curl tongue |  | cc |
| 4. Mid-digital hair | hair present, middle digit of finger |  | MM or Mm |
|  | hair absent, middle digit of finger |  | mm |
| 5. Pigmented iris | eyes not blue |  | EE or Ee |
|  | blue eyes |  | ee |
| 6. Widow's peak | peak in center of hairline |  | WW or Ww |
|  | no peak in center of hairline |  | ww |
| 7. Bent finger | little finger curves toward others |  | BB or Bb |
|  | little finger straight |  | bb |

Colorful Chromosomes

1. On the table below, circle the phenotype of each trait that you have, along with the corresponding bead color that represents that phenotype.
2. Collect the beads that represent your genes, and lace the beads through any of the four parts of you chromosome pipe cleaners.