|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Characteristics** | **Sickle-cell Anemia** | **Colorblindness** | **Down’s Syndrome** | **Dwarfism** | **Cystic Fibrosis** | **Tay-Sach’s Disease** |
| List signs and symptoms |  |  |  |  |  |  |
| How does a person inherit the disorder? |  |  |  |  |  |  |
| How is the disorder diagnosed? |  |  |  |  |  |  |
| Can the disorder be prevented? If so, how? |  |  |  |  |  |  |
| Is it a recessive or dominant trait? |  |  |  |  |  |  |
| Can the disorder be treated or is there therapy to help? If so, how? |  |  |  |  |  |  |
| Into which category of genetic disorders does this disorder fit? |  |  |  |  |  |  |
| On which chromosome is the gene for the disorder located? |  |  |  |  |  |  |
| Is this disorder more likely to occur in certain populations? |  |  |  |  |  |  |
| Are there environmental factors or influences? |  |  |  |  |  |  |
| List References |  |  |  |  |  |  |

**\*Make a drawing of how the disorder is inherited (such as a Punnett square or pedigree) of TWO of the disorders from the table.**

<http://learn.genetics.utah.edu/content/disorders/>

<http://www.ygyh.org/>