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Concanavalin A, a lectin from Phaseolus vulgaris, has been shown to induce proliferation of murine splenocytes in a dose-dependent manner. However, the mechanisms underlying this response are not fully understood.

CYP1B1, a cytochrome P450 enzyme, is expressed in the retina and testis. A missense mutation in the CYP1B1 gene has been associated with congenital blindness in X-linked retinoschisis (XLRS) patients.

Cree encephalitis, an autoimmune disorder, is allelic with Aicardi-Goutières syndrome. CRB1, a gene involved in retinal development, is mutated in patients with this syndrome.

CRX, a transcription factor, is essential for photoreceptor development and function. Mutations in the CRX gene are associated with retinal dystrophies.

Cowden syndrome, an inherited disorder, is caused by a mutation in the PTEN gene. This results in multiple endocrine neoplasia type 1 (MEN1).

Cystic fibrosis, a genetic disorder, is caused by mutations in the CFTR gene. These mutations disrupt the function of the cystic fibrosis transmembrane conductance regulator (CFTR), leading to mucus buildup in various organs.

CYP21A2, a cytochrome P450 enzyme, is involved in the biosynthesis of steroid hormones. Mutations in the CYP21A2 gene are associated with congenital adrenal hyperplasia (CAH).

De novo mutations, such as those in the PTEN gene, can lead to the development of Cowden syndrome and other diseases.

deafness, a genetic disorder, is caused by mutations in the GJB2 gene. These mutations disrupt the function of connexin26, a protein involved in intercellular communication.

Deletion, a genetic event, can lead to the loss of genetic material. In Williams-Beuren syndrome, a deletion in chromosome 7q11.23 is associated with distinctive features and learning disabilities.

Deafness and vestibular disorder, a genetic disorder, is caused by mutations in the SLC26A4 gene. These mutations result in hearing loss and balance problems.

Denaturing high performance liquid chromatography (DHPLC) is a technique used to identify genetic mutations. It involves heating and cooling a sample to denature and renature single-stranded DNA.

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De novo mutations, such as those in the PTEN gene, can lead to the development of Cowden syndrome and other diseases.

Deletion, a genetic event, can lead to the loss of genetic material. In Williams-Beuren syndrome, a deletion in chromosome 7q11.23 is associated with distinctive features and learning disabilities.
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