Autozomy

Template:Checked When monitoring the inheritance of monogenically determined human traits, we must distinguish whether the appropriate gen is located on any pair of **22 autosomes** or on gonozomu X, eventual Y. Unlike gonosomes, both paired autosomes contain genetic information that conditions the emergence of the same znaků.

In most cases, when a gene is located on a homologous pair of autosomes, it does not matter whether it belongs alela was inherited from the father or from the mother. Fenotypov (https://en.wikipedia.org/wiki/Phenotype)ý speech is inherited according to pravidel mendelovské dědičnosti and depends only on allelic interactions. Exceptions are cases where it applies genomický imprinting,which affects gene expression depending on whether the respective form of the gene is inherited from the mother or the father (e.g. Prader-Williho syndrom, OMIM 176270 (https://www.ncbi.nlm.nih.gov/entrez/dispomim.cgi?id=176270%7C)).

Links

Related articles

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- Gonozomy
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