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### NM\_000458.4(HNF1B):c.544+1G>A AND Renal cysts and diabetes ...

<https://www.ncbi.nlm.nih.gov/clinvar/RCV000013478> ▾

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### 6928 - Gene ResultHNF1B HNF1 homeobox B [ (human)]

<https://www.ncbi.nlm.nih.gov/gene/6928>

Loss of HNF1B in renal epithelial cells Results in Kidney Disease with Cysts. HNF1B gene rs4430796 G allele may be associated with increased risk of Gestational Diabetes. Additionally, women in HNF1B...

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- How are HNF-1beta gene mutations related to diabetes? ▾
- What kind of cancer can HNF1B mutations cause? ▾
- What is the role of HNF-1beta in renal carcinoma? ▾
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### HNF1B gene: MedlinePlus Genetics

<https://medlineplus.gov/genetics/gene/hnf1b> ▾

Maturity-onset diabetes of the young. Mutations in the HNF1B gene cause maturity-onset diabetes of the young (MODY). MODY is a group of conditions characterized by abnormally high blood sugar that usual...

### HNF1B-associated renal and extra-renal disease—an ...

<https://www.nature.com/articles/nrneph.2014.232>

Dec 23, 2014 · The discovery of HNF1B gene mutations as a cause of developmental renal disease arose from unexpected findings in the study of maturity-onset diabetes of the ...

Cited by: 179

Author: Rhian L Clissold, Alexander J Hamilton, An...

Publish Year: 2015

### A Novel Mutation of the HNF1B Gene Associated With

## 6928 - Gene ResultHNF1B HNF1 homeobox B [ (human)]

<https://www.ncbi.nlm.nih.gov/gene/6928>

**Hepatocyte nuclear factor 1beta (HNF1beta)** is a transcription factor that is essential for the embryogenesis and development of the kidney, pancreas and liver. Case Report: severe hepatic phenotype of an **HNF1B** variant. In diagnosis of ovarian clear cell carcinoma, **HNF1beta** is highly sensitive but is suboptimally specific in isolation.

## Novel mutation in the hepatocyte nuclear factor 1B ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4429118>

Apr 28, 2015 · Maturity-onset **diabetes** of the young type 5 (MODY5), a type of dominantly inherited **diabetes** mellitus and nephropathy, has been associated with **mutations** of the **hepatocyte nuclear factor-1** (HNF-1β) gene, mostly generating truncated protein. Various phenotypes are related to HNF-1β **mutations**.

**Author:** Vu Chi Dung, Bui Phuong Thao, Can T... **Publish Year:** 2015

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How are HNF-1beta gene mutations related to diabetes? ▾

Is the HNF1B gene involved in renal cell carcinoma? ▾

What is the role of hnf1beta in the kidney? ▾

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## AB072. Novel mutation in the hepatocyte nuclear factor 1b ...

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**Manuscript NO:** 63754

**Manuscript Type:** CASE REPORT

**Hepatocyte nuclear factor 1B mutation in a Chinese family with renal cysts and diabetes syndrome: A case report**

Xiao TL. *et al.* *HNFB* mutation in a Chinese family

Tang-Li Xiao, Jun Zhang, Li Liu, Bo Zhang

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## 6928 - Gene ResultHNF1B HNF1 homeobox B [ (human)]

<https://www.ncbi.nlm.nih.gov/gene/6928>

HNF-1beta gene mutations may be associated with nondiabetic renal dysfunction and diabetes in Chinese, but they are responsible for only a small percentage of early onset or multiple affected diabetes pedigrees including MODY.

## Novel mutation in the hepatocyte nuclear factor 1B ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4429118>

Apr 28, 2015 · Maturity-onset diabetes of the young type 5 (MODY5), a type of dominantly inherited diabetes mellitus and nephropathy, has been associated with mutations of the hepatocyte nuclear factor-1 (HNF-1β) gene, mostly generating truncated protein. Various phenotypes are related to HNF-1β mutations.

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## AB072. Novel mutation in the hepatocyte nuclear factor 1b ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4563412>

Maturity-onset diabetes of the young type 5 (MODY5), a type of dominantly inherited diabetes mellitus and nephropathy, has been associated with mutations of the hepatocyte nuclear factor-1 (HNF-1β) gene, mostly generating truncated protein. Various phenotypes are related to HNF-1β mutations. Our aim to describe clinical and genetic findings in the unreported Vietnamese case identified with ...

Author: Vu Chi Dung, Bui Phuong Thao, Can ...

Publish Year: 2015