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Case Control Study

Association between homeobox protein transcript antisense intergenic ribonucleic acid genetic polymorphisms and cholangiocarcinoma

Lampropoulou DI *et al.* HOTAIR and CCA

Dimitra Ioanna Lampropoulou, Konstantinos Laschos, Gerasimos Aravantinos, Konstantinos Georgiou, Konstantinos Papiris, George Theodoropoulos, Maria Gazouli, Dimitrios Filippou

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[Association between HOTAIR genetic polymorphisms and ...](#)

<https://www.sciencedirect.com/science/article/pii/S0888754319309802>

Sep 01, 2020 · **Association between HOTAIR genetic polymorphisms and cancer susceptibility** was firstly studied by Zhang X et al. in 2014, who reported that HOTAIR rs920778 was significantly associated with esophageal squamous cell carcinoma risk in Chinese population . From then on, numerous studies were performed to detect the **association between HOTAIR polymorphisms and cancer susceptibility** ...

Author: Xu Liu, Yating Zhao, Ying Li, Fengzhan L... **Publish Year:** 2020

[Association between variants in inflammation and cancer ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4618630>

No significant **association** was found **between** any SNP and survival of CCA patients. Although COX-2 has been shown to contribute to **cholangiocarcinogenesis**, the COX-2 SNPs tested were not associated with risk of CCA. This study shows a lack of **association between** variants of **genes** related to inflammation and **carcinogenesis** and CCA risk and survival.

Cited by: 3

Author: Roongruedee Chaiteerakij, Roongruedee C...

Publish Year: 2015

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HOX transcript antisense RNA (HOTAIR) in cancer ...

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Jul 10, 2019 · HOTAIR was discovered by Howard Chang's group as a trans-acting **intergenic** lncRNA that is transcribed from the **homeobox gene** C cluster (HOXC) and recruits PRC2 to repress transcription from the HOXD cluster in fibroblasts []. Its canonical 6 exon **transcript**, HOTAIR-C (RefSeq NR_003716), is a 2364 bp RNA transcribed from a 6449 bp **gene** locus that is **intergenic** and **antisense** with ...

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HOX transcript antisense RNA (HOTAIR) in cancer | Request ...

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HOX transcript antisense RNA: An oncogenic lncRNA in ...

<https://www.sciencedirect.com/science/article/pii/S0014480020308558>

Nov 22, 2020 · HOX **transcript antisense** RNA (HOTAIR) is a **transcript** which is transcribed from the **antisense** strand of the HOXC **gene** cluster (Woo and Kingston, 2007). This **transcript** is categorized as a long non-coding RNA (lncRNA) (Sayad et al., 2017). Being located on chromosome 12q13.13, this lncRNA has 6 exons in human (He et al., 2011). This lncRNA is regarded as an important modulator of ...

Author: Soudeh Ghafouri-Fard, Sepideh Da...

Publish Year: 2021

[PDF] Long noncoding RNAs as novel predictors of survival in ...

<https://molecular-cancer.biomedcentral.com/track/pdf/10.1186/s12943-016-0535-1>

HOTAIR (**HOmeobox** (HOX) **Transcript Antisense** RNA), which has been shown to recruit the PRC2 (Poly-comb Repressive Complex 2) complex and eventually lead to epigenetic silencing of metastasis

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Jul 10, 2019 · HOTAIR was discovered by Howard Chang's group as a trans-acting **intergenic** lncRNA that is transcribed from the **homeobox gene C** cluster (HOXC) and recruits PRC2 to repress transcription from the HOXD cluster in fibroblasts [1]. Its canonical 6 exon **transcript**, HOTAIR-C (RefSeq NR_003716), is a 2364 bp RNA transcribed from a 6449 bp **gene** locus that is **intergenic** and **antisense** with respect to ...

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Author: Xiaohan Qu, Simon Alsager, Ying Zhuo, Bin ...

Publish Year: 2019

[\[PDF\] Long noncoding RNAs as novel predictors of survival in ...](#)

<https://link.springer.com/content/pdf/10.1186/s12943-016-0535-1.pdf>

HOTAIR (**HOmeobox (HOX) Transcript Antisense RNA**), which has been shown to recruit the PRC2 (Polycomb Repressive Complex 2) complex and eventually lead to epigenetic silencing of metastasis suppressor genes [2, 24]. More than 20 meta-analyses studying the role of lncRNAs in cancer prognosis have been published so far, all within the past 2 years.

Cited by: 83

Author: Stylianos Serghiou, Stylianos Serghiou, Aik...

Publish Year: 2016

[Decreased expression of long noncoding RNA AC096655.1-002 ...](#)

<https://www.researchgate.net/publication/236639157...>

In addition, elevated expression of **homeobox (HOX) transcript antisense RNA (HOTAIR)**, a long **intergenic** noncoding RNA, is associated with the grade of endometrial carcinoma (EC), metastasis, depth ...

[\(PDF\) Roles of Long Non-Coding RNAs on Tumorigenesis and ...](#)

<https://www.researchgate.net/publication/263097288...>

gene expression marker 1 (PCGEM1), H19, and **homeobox transcript antisense intergenic RNA (HOTAIR)**, and several new lncRNAs for glioma development. Potential therapeutic approaches for the In -

[Epigenetic alterations caused by aflatoxin b1: a public ...](#)

<https://www.sciencedirect.com/science/article/pii/S1931524418301439>

Feb 01, 2019 · Some lncRNAs are upregulated during HCC, such as the HOX **transcript antisense intergenic RNA (HOTAIR)**, located on chromosome 12q13.1, and coexpressed with the HOXC **gene**.165, 167-168 HOTAIR regulates **gene** expression through genomic reallocation by binding to the PRC2