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Manuscript NO: 60502

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**Detection of short stature homeobox 2 and RAS-associated domain family 1 subtype
A DNA methylation in interventional pulmonology**

Wu J *et al.* DNA methylation in interventional pulmonology

Jian Wu, Peng Li

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Introduction

Patients and Methods

Results

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Introduction:Currently the majority of lung cancer patients are diagnosed as advanced diseases for no sensitive and specific biomarkers exist, noninvasive biomarkers with high sensitivity and specificity are urgently needed in lung cancer diagnosis. Bronchoscopy is a standard procedure of the diagnostic work-up of patients with suspected lung cancer despite of the limited diagnostic accuracy. Besides, epigenetic changes through DNA methylation play an important role in tumorigenesis. Thus, we examined the abe...

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Cited by: 70 Author: Rejane Hughes Carvalho, Vanja Haberle, ...

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Jun 01, 2018 · **Short stature** is present by definition in 3 out of 100 subjects; if we consider a frequency of SHOX defects of 3% among ISS, we should expect a population prevalence of 1 in 1000. This prevalence would be higher than that of GH deficiency (1:3,500) and of Turner syndrome (1:2,500 females), suggesting that SHOX deficiency could be one of the most frequent monogenetic causes of **short stature**.

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