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High KIF2A expression promotes proliferation, migration and predicts poor prognosis in lung adenocarcinoma

Tian Xie^{a,1}, Xingyu Li^{b,1}, Fei Ye^c, Chenxi Lu^a, Haitao Huang^a, Fei Wang^a, Xiaolei Cao^{b,*}, Chongjun Zhong^{a,**}

^a Department of Thoracic and Cardiovascular Surgery, Nantong first people's hospital, the Second Affiliated Hospital of Nantong University, Nantong, Jiangsu, 226001, PR China

^b Department of Pathology, Medical School of Nantong University, Nantong, Jiangsu, 226001, PR China

^c Department of Thoracic Surgery, Affiliated Haian Hospital of Nantong University, Nantong, Jiangsu, 226001, PR China

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*Corresponding author. Department of Pathology, Medical School of Nantong University, Nantong, Jiangsu, 226001, PR China.

**Corresponding author. Department of Thoracic and Cardiovascular Surgery, Nantong first people's hospital, the Second Affiliated Hospital of Nantong University, Nantong, Jiangsu, 226001, PR China.

E-mail addresses: zhongcjnt001@126.com(C.Zhong),
caoxiaoleigzf@163.com (X. Cao).

¹ Tian Xie and Xingyu Li contributed equally to this work.

ABSTRACT

The Kinesin family member 2a (KIF2A), that belongs to the Kinesin-13 microtubule depolymerases, plays an important role in cancer cell proliferation, migration and apoptosis in various types of cancer such as gastric cancer, breast cancer, and squamous cell carcinoma of the oral tongue, but, its role and mechanism in lung adenocarcinoma (LUAD) is largely unknown. The present study reported that KIF2A was overexpressed in LUAD tissues as compared with adjacent normal tissues. KIF2A was closely correlated with TNM stage and lymph node metastasis ($P < 0.01$), whereas, no similar relationships between KIF2A and age, gender, smoking and differentiation. Multivariate analysis indicated that hyperexpression of KIF2A in

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