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BZW1 is an independent prognosis marker for non-small-cell lung cancer

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Basic leucine zipper and W2 domain-containing protein 1 (BZW1) plays a critical relative ellection for transactional approach of State and Management at the G1/S transition. Regarding that proliferation are dysregulated in cancer, we aim to unravel the role of BZW1 in lung cancer. In a sport of the study is to determine the respective processor of the study is to determine the respective processor of the study is to determine the respective processor.

of BZW1.

First, we search public database and analyzed BZW1 protein expression by immunohistochemical staining on tissue microarray san we examined BZW1 expression in NSCLC cell lines and verify the functional role of BZW1 in NSCLC cell lines.

By searching public database, we found that BZW1 high expression was significantly correlated with poor prognosis in NSCLC lung adenocarcinoma. Similar trends were also shown in NSCLC patients tissue array. Knockdown of BZW1 inhibited cell invasion but did not affect cell proliferation in NSCLC cell lines.

In conclusion, BZW1 expression is an independent prognostic factor in NSCLC, especially in lung adenocarcinoma.

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