

عنوان مقاله:

Low expression of transcriptional repressor E2F6 in gastric adenocarcinoma confer tumor aggressiveness and metastasis

محل انتشار:

هجدهمین همایش سالانه و اولین همایش بین المللی آسیب شناسی و طب آزمایشگاه (سال: 1395)

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خلاصه مقاله:

Background: Aberrant activation of stem cell/proliferation signaling networks, including Wnt pathway is linked to gastric tumorigenesis. This study was conducted to clarify the role of E2F6 component of the Wnt signaling pathway in gastric adenocarcinoma. Methods: Tissue microarray-based immunohistochemical analysis was applied to investigate the expression patterns and clinicopathological significance of E2F6 in gastric adenocarcinoma samples. Results: Our analysis showed low expression of E2F6 in gastric adenocarcinoma with lymph node metastasis ($P=0.04$) and the presence of omental involvement ($P=0.004$). Conclusions: Low expression of E2F6 can be considered as aggressive phenotypes of gastric adenocarcinoma. Our findings may have important implication for understanding of gastric tumorigenesis, cell invasion, and metastasis.

کلمات کلیدی:

Gastric cancer, E2F6, Tissue microarray

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