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B7 homologue 3 as a prognostic biomarker and potential therapeutic target in gastrointestinal tumors

B7-H3 in gastrointestinal tumors

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Author: Lei Yuan, Lu Sun, Siyuan Yang, Xin C...

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B7-H3 in tumors: friend or foe for tumor immunity?

<https://pubmed.ncbi.nlm.nih.gov/29299639>

Thus far, it has been shown that various **tumors** test positive for **B7-H3** expression and that **B7-H3** levels correlate with **tumor** growth, invasion, metastasis, malignant stage, and recurrence rate. Furthermore, transfection of cells with a **B7-H3** plasmid and treatment with monoclonal antibodies to block **B7-H3** are the main immunotherapeutic strategies for **cancer** treatment.

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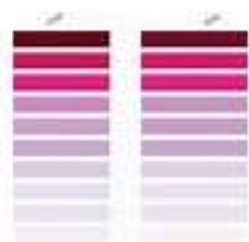
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Colorectal cancer (CRC) is the fifth and the second most common cause of cancer mortality in China and the United States, respectively (1). The Global Cancer Statistics report estimated that over 1.8 million new **CRC** cases and 881,000 deaths occurred worldwide in 2018 (2). Although the outcomes of patients with **CRC** have improved in recent decades, mainly due to improvements in adjuvant/neoadjuvant therapy and surgi...

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B7-H3 promotes aggression and invasion of hepatocellular ...

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Apr 21, 2015 · **B7-homologue 3 (B7-H3)**, a recently identified immunoregulatory protein, has been shown to be overexpressed in human hepatocellular carcinoma (HCC). However, whether the dynamic expression pattern of **B7-H3** contributes to early invasion of HCC is largely unknown. In addition, the