

Regulator of Chromosome Condensation 2 Expression Profile in Hepatocellular Carcinoma and Its Potential Link to Clinical Parameters

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ABSTRACT TD-60 is a heavily-conserved protein and its other name is Regulator of chromosome condensation 2 (RCC2). No studies so far have reported the role played by RCC2 in hepatocellular carcinoma. The prominent locations where RCC2 can be observed are nuclei in liver tumor and non-tumor tissues, during immunohistochemistry investigations. In this research, the authors used HCC tissue microarray to assess RCC2 expression. This study followed 2-step immunohistochemistry whereas the pathology score obtained from its results was analyzed further as per the standard protocol. According to the study results, RCC2 was inferred as a poor prognostic factor of HCC. In other terms, there was a positive correlation exist between the expression level of RCC2 and the pathological grading. It can be inferred that the patients with HCC and high amounts of RCC2 expression are prone to heavy risks due to high pathological grading. With these results as the basis, the current study speculates that the RCC2 may aggravate the oncogenic progression in HCC.