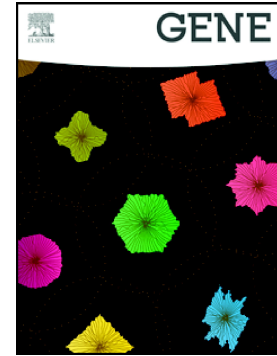


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MiR-1275 promotes cell migration, invasion and proliferation in squamous cell carcinoma of head and neck via up-regulating IGF-1R and CCR7

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## Abstract

Purpose: miRNAs can play vital role in migration, invasion and proliferation in Squamous cell carcinoma of head and neck (SCCHN). In our study, we attempted to validate the expression and function of miR-1275 in SCCHN, and we also identified the mechanism by which miR-1275 affects migration, invasion and proliferation of SCCHN.

Methods: Real-time polymerase chain reaction (RT-PCR) was employed to evaluate the expression of miR-1275 in both SCCHN tissues and cell lines. The role of miR-1275 in SCCHN cells was verified by cell function experiments upon transfection with miR-1275 mimics and inhibitor. Western blot analysis was

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