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Inhibitory effect of microRNA-154 targeting WHSC1 on cell

proliferation of human skin squamous cell carcinoma through

mediating the P53 signaling pathway

Running title: Role of miR-154 targeting WHSC1 in SCC

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ABSTRACT

Objective: Skin squamous cell carcinoma (SCC) is a common, morbid, and frequently lethal

malignancy and ranks as the sixth most deadly cancer worldwide. Hence, this study aims to explore

the effect of microRNA-154 (miR-154) targeting WHSC1 on proliferation and apoptosis of SCC

cells via the P53 signaling pathway.

Methods: The targeting relationship between WHSC1 and miR-154 was validated using

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