

Review of: "A reduced level of the long non-coding RNA SNHG8 activates the NF-kappaB pathway by releasing functional HIF-1alpha in a hypoxic inflammatory microenvironment"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

1.HIF-1 α is stabilized against degradation under hypoxic conditions. Inflammatory cytokines can affect protein accumulation of HIF-1 α under normoxia conditions as well. Therefore, the authors should provide the evidences to prove that mechanical force can upregulate hypoxia and hypoxia regulate the expression of SNHG8 in PDLCS.

2.The authors showed that SNHG8 can directly binds to HIF-1 α , however, the authors didn't prove that the binding between SNHG8 and HIF-1 α can affect the interaction of HIF-1 α with HIF-1 β or other function of HIF-1 α . Although the authors showed that overexpression of SNHG8 or inhibition of HIF-1 α suppressed NF- κ B pathway, these data aren't sufficient to prove that SNHG8 regulate activation of NF- κ B via releasing functional HIF-1 α . The authors should supplement some data that binding of SNHG8 to HIF-1 α can affect the function of HIF-1 α .