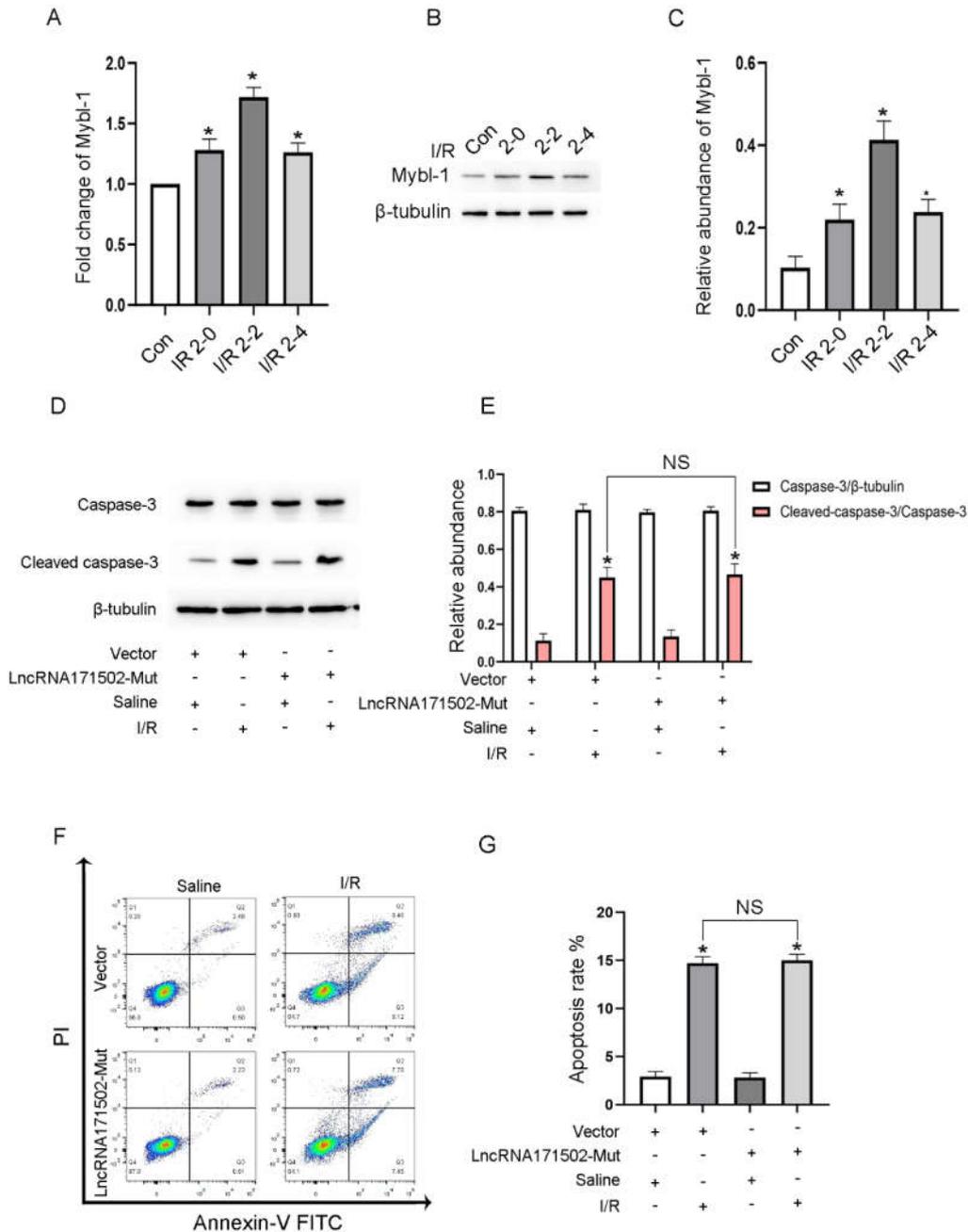


LncRNA ENSMUST00000171502 induced by HIF-1 α ameliorates ischemic acute kidney injury via targeting the miR-130b-3p/Mybl-1 axis

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Supplementary Figure S1. The effect of I/R on the expression of Mybl-1 and LncRNA171502 mutation has no effect on ischemia induced BT cells apoptosis. (A) BUMPT cells were subjected to 10 μ M antimycin A and 1.5 μ M calcium (I, 2 h)/ (R, 0, 2, and 4 h). RT-qPCR was applied for the observation of Mybl-1 expression. (B) Immunoblot for Mybl-1 and β -tubulin. (C) The densitometry analyzes of Mybl-1 and β -

tubulin were presented. (D) BUMPT cells were transfected with LncRNA171502-MUT or vector prior to I (2 h)/R (2 h) injury or not. The expressions of apoptosis-related proteins were measured by Immunoblot. (E) The densitometry analyzes of cleaved-Caspase3, Caspase3, and β -tubulin were presented. (F) apoptosis in BUMPT cells was inspected by FCM, (G)and representative of apoptosis rate (%) was calculated. Data are exhibited as mean \pm SD (n = 6). * $p < 0.05$, I/R group versus control or vector group; NS: no significance.