

Figure S1. The transfection efficacy of miRNA controls with a Dy547 label transfected into 143B and HOS cells. (A) The comparison of fluorescent 143B cells in the group transfected with Dy547-labelled miRNA (upper row) and the non-treated group (lower row). (B) Percentages of fluorescent 143B cells are $80.5 \pm 2.5\%$ in the transfected cells group and $7.3 \pm 0.8\%$ in the non-treated cell group ($P < 0.05$). (C) The comparison of fluorescent HOS cells in the group transfected with Dy547-labelled miRNAs (upper row) and the non-treated cell group (lower row). (D) Percentages of fluorescent HOS cells are $64.4 \pm 3.8\%$ in the transfected cells group and $0.2 \pm 0.2\%$ in the non-treated cell group ($P < 0.05$). miR, microRNA.

