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The study of miRNA-211 affects melanogenesis progress in Cashmere goats via suppressing *AP1S2*

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Figure. S1. AP1S2 protein strips. (a) Product AP1S2 (GeneTex) with strips located between 17kDa and 26kDa. (b) The original bands of AP1S2 in vitro transfection of miRNA-211 inhibitors/nc/mimics (three bands on the left) and in black and white Cashmere goats' skin (two bands on the right). (c) The supplementary bands of AP1S2 in vitro transfection of miRNA-211 inhibitors/nc/mimics (d) The supplementary bands of AP1S2 in the skin of black and white Cashmere goats. (e, f) The original bands of AP1S2 were observed in the skin injected anatagomiR-211 and PBS.

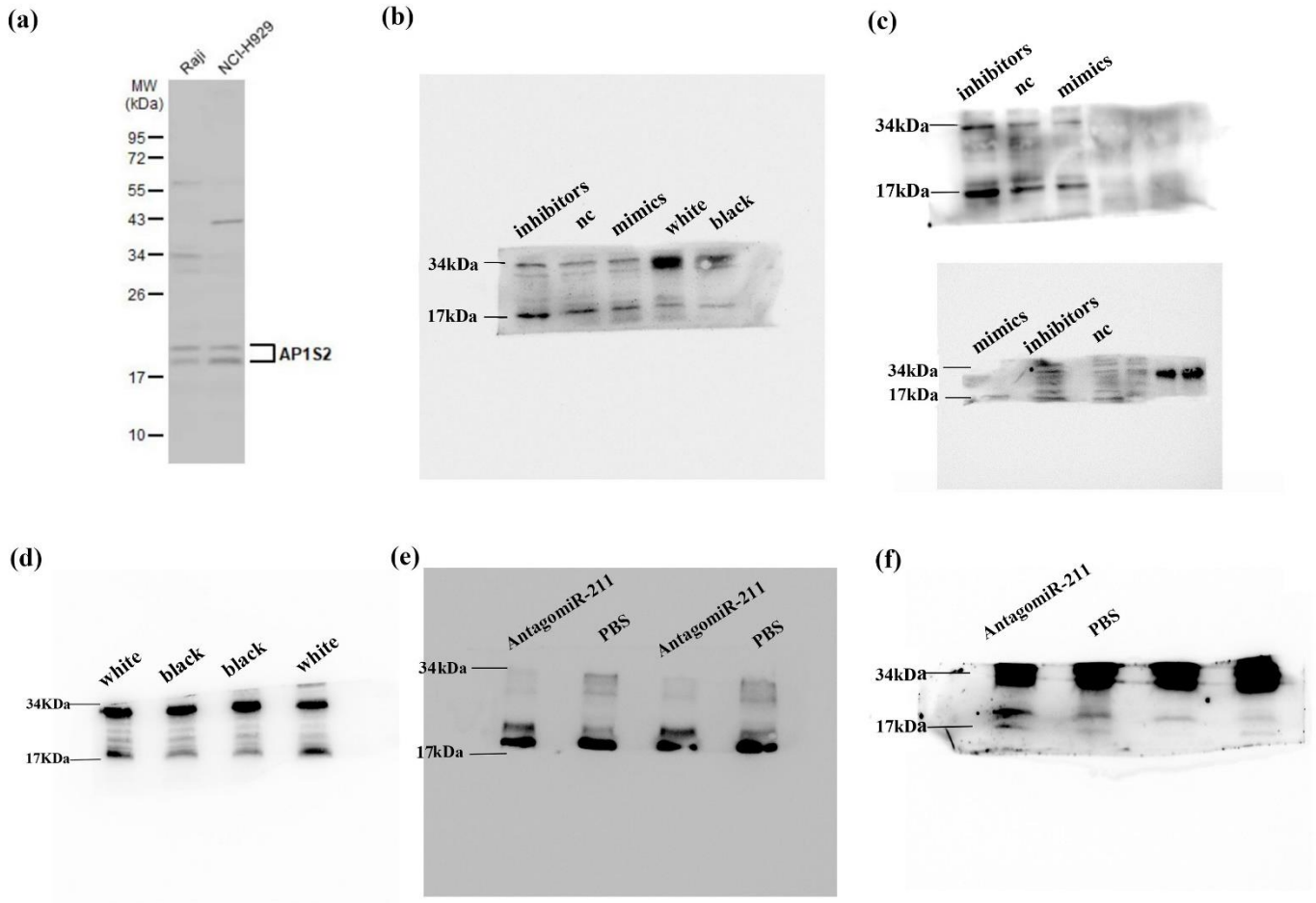

Figure. S2. β-Actin protein strips. (a) Product β-Actin (Proteintech) with strips located about 45kDa. (b) The original bands of β-Actin in miRNA-211 inhibitors/nc/mimics groups (left) and in black and white Cashmere goats' skin (right). (c) The supplementary bands of β-Actin in miRNA-211 inhibitors/nc/mimics groups. (d) The supplementary bands of β-Actin in the skin of black and white Cashmere goats. (e, f) The bands of β-Actin in the AnatagomiR-211 and PBS groups.