Supplementary Material

Hepatocyte growth factor (HGF) gene: molecular characterisation of complete coding sequence and expression profile in Tarim red deer (Cervus hanglu yarkandensis) antlers

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Figure S1. Agarose gel electrophoresis of total RNA extracted from different Tarim red deer antler tissues. Lane 1: velvet skin; Lane 2: mesenchyme; Lane 3: cartilage; Lane 4: bone.

Figure S2. (a) Agarose gel electrophoresis of HGF gene. M: Trans5K DNA Marker; Lane 1: amplified HGF gene. (b) Identification of recombinant plasmid by enzymatic digestion. M: Trans8K DNA Marker; Lane 1-4: recombinant pET28a(+)-HGF plasmid; Lane 5-8: recombinant pET28a(+)-HGF plasmid digested by NOTI and BamHI
Figure S3. SDS-PAGE analysis of E.coli proteins. (a) M: Marker 15kDa-150kDa; Lane 1: total protein of empty vector transformed bacteria; Lane 2: total protein of uninduced recombinant bacteria; Lane 3: total protein of induced recombinant bacteria; (b) M: Marker 15kDa-150kDa; Lane 1: total protein of induced recombinant bacteria; Lane 2: total protein of induced recombinant bacteria in supernatant; Lane 3: total protein of induced recombinant bacteria in precipitation; Arrows indicate size of recombinant protein.