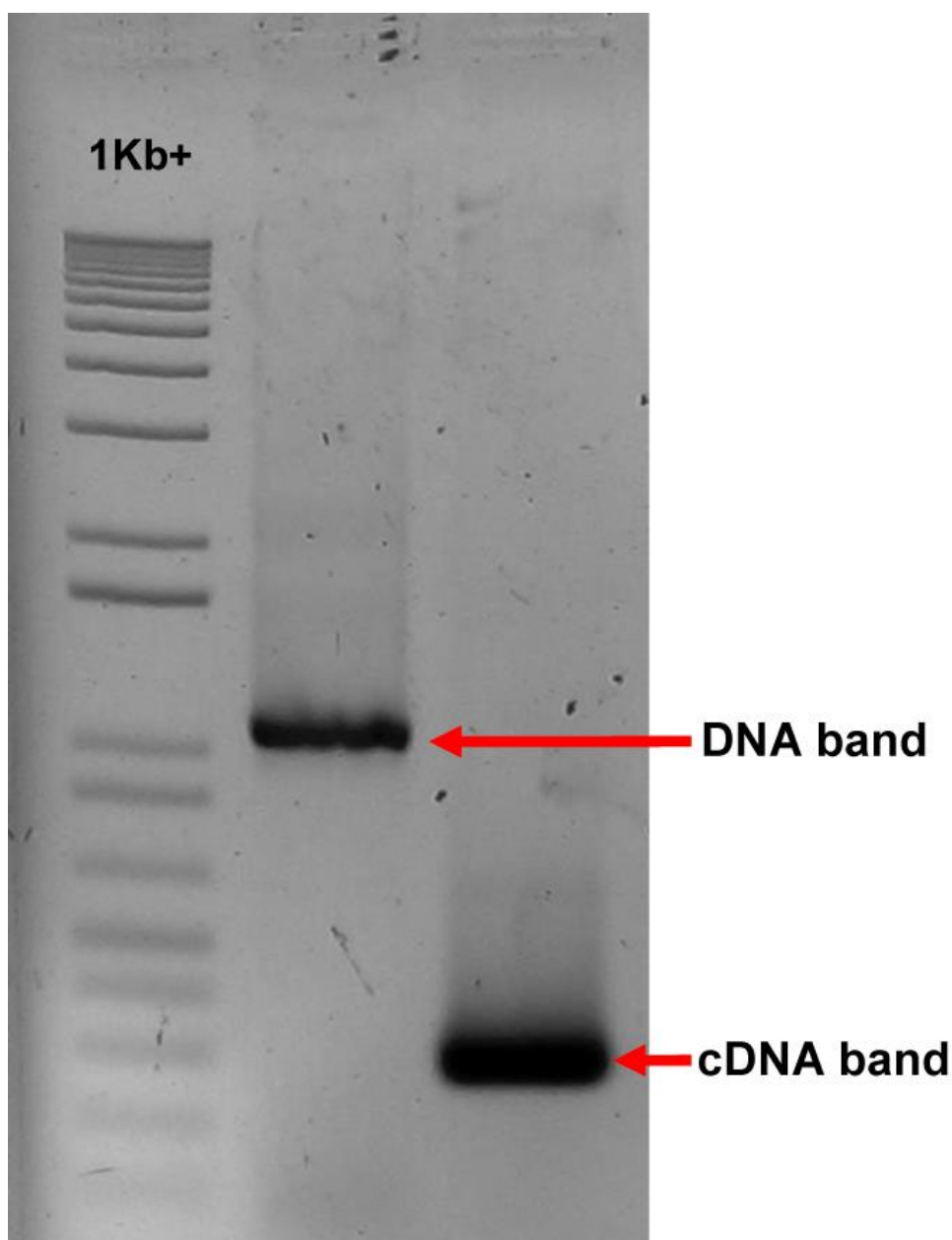


Supplementary data

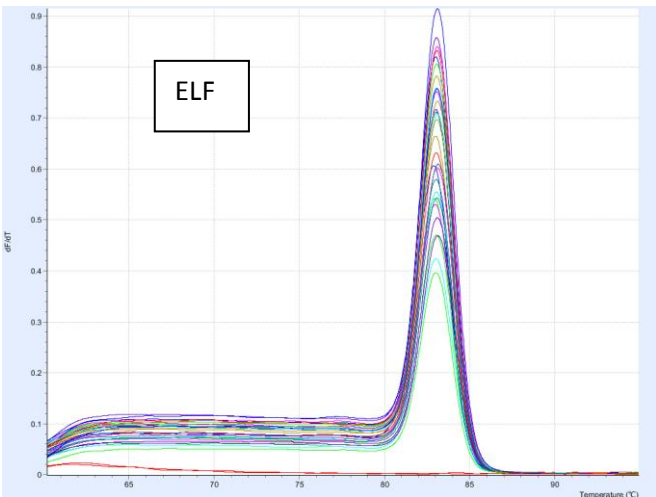
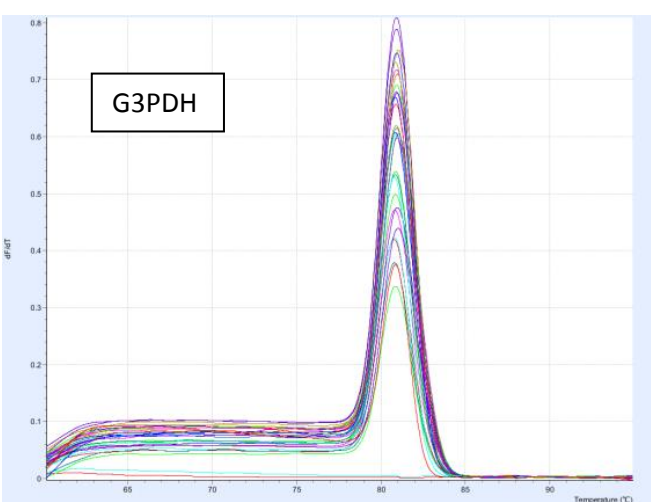
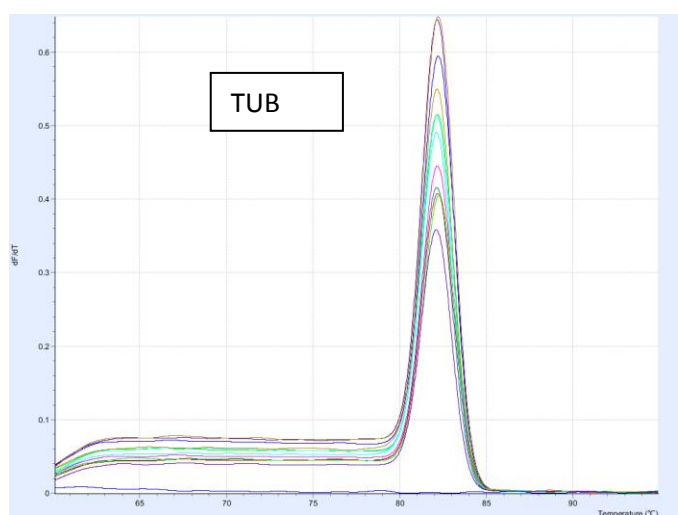
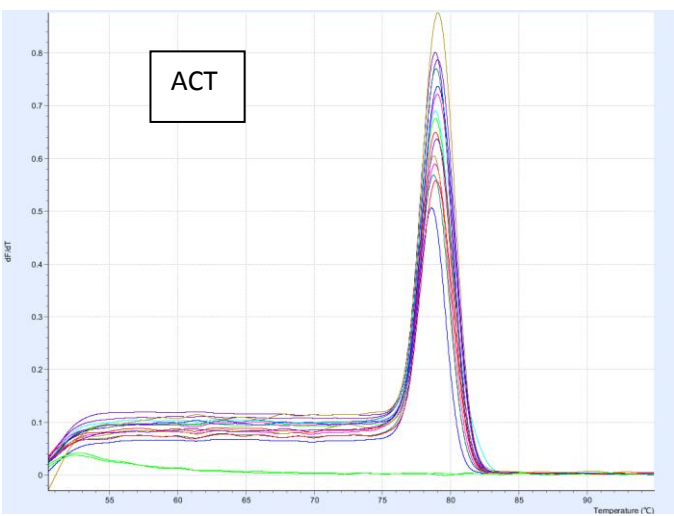
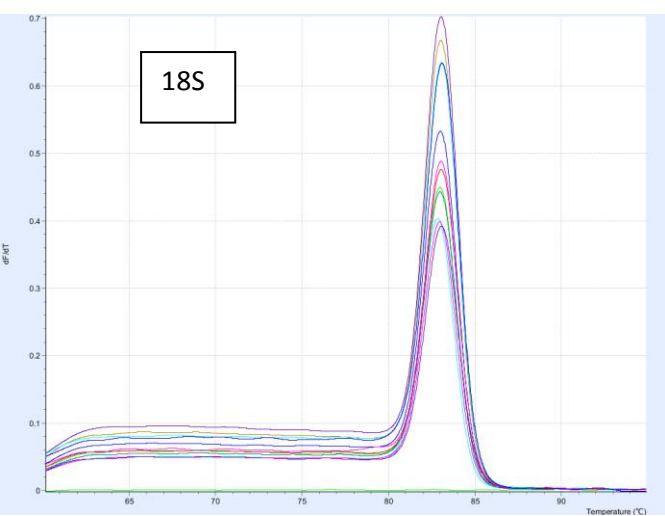
**Identification of stable reference genes for quantitative PCR in jute under different experimental conditions: an essential assessment for gene expression analysis**

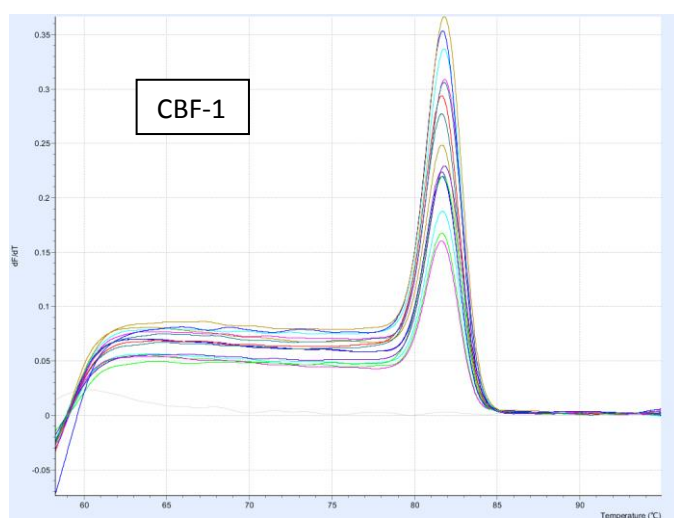
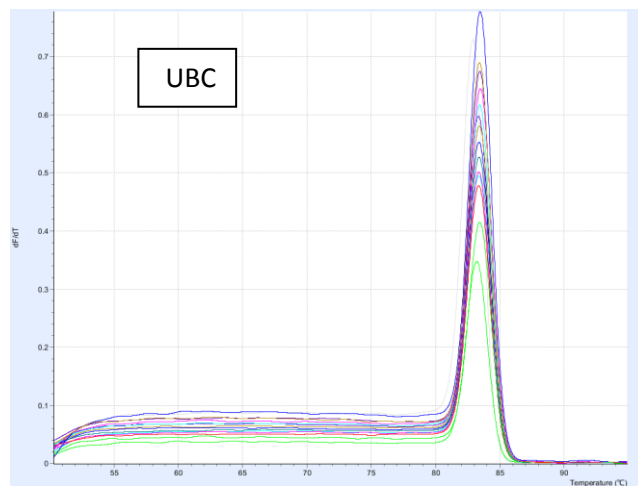
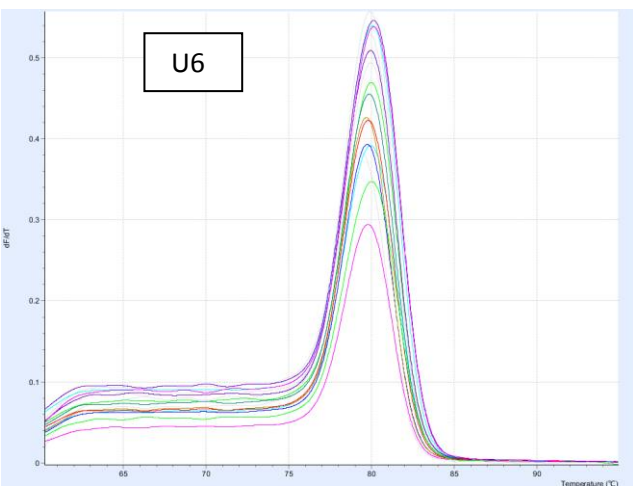
Ahlan Sabah Ferdous<sup>‡</sup>, Md. Tariqul Islam<sup>‡</sup>, Salma Sultana Alam, Haseena Khan



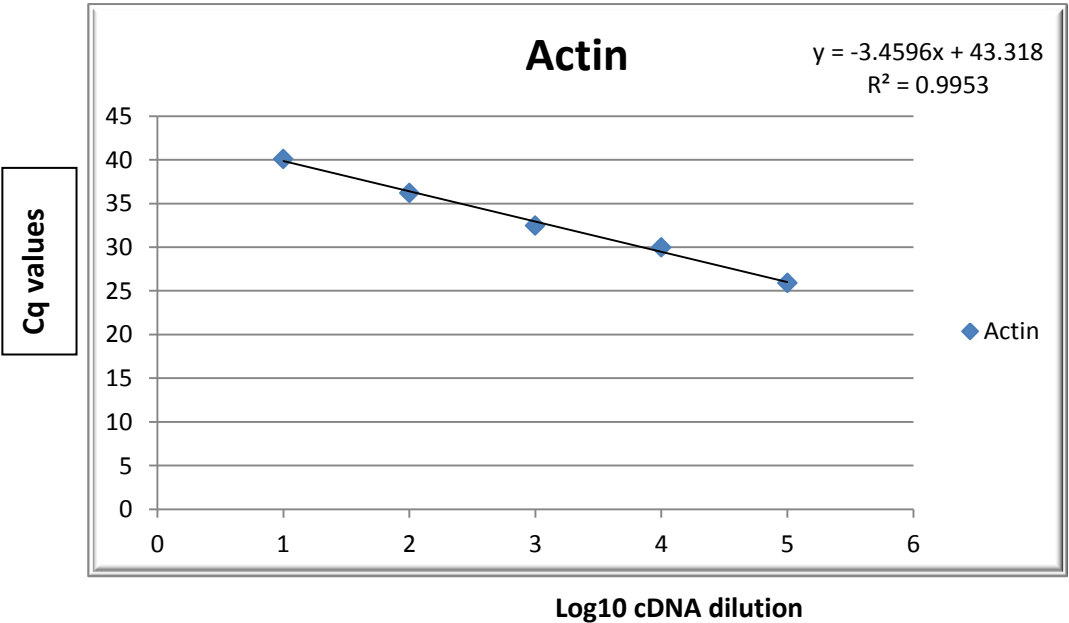
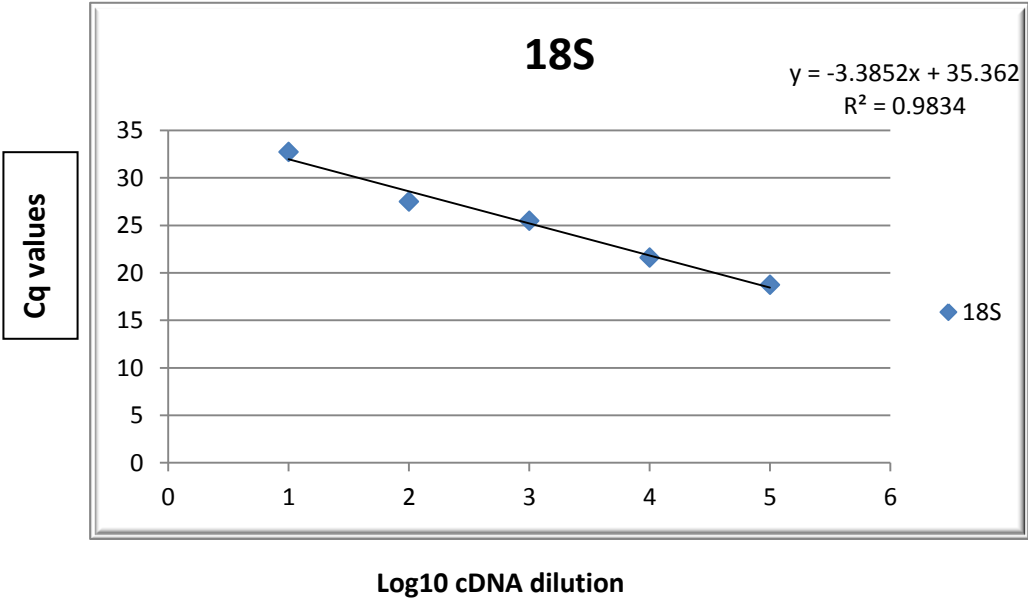
**S-1:** Checking for DNA contamination in cDNA samples: by designing primers to amplify specific portion that will have different amplicon from DNA and cDNA. A set of primers (Actin) was prepared by keeping an intron between the coding sequences so when amplified from DNA it will give larger amplicon than cDNA. The primer pair was used for checking DNA contaminations in all samples prior to use them for real time PCR. These primers are different from those used for quantitative assay for Actin (primer data not shown).

S-2: Melting curves of different primer pairs

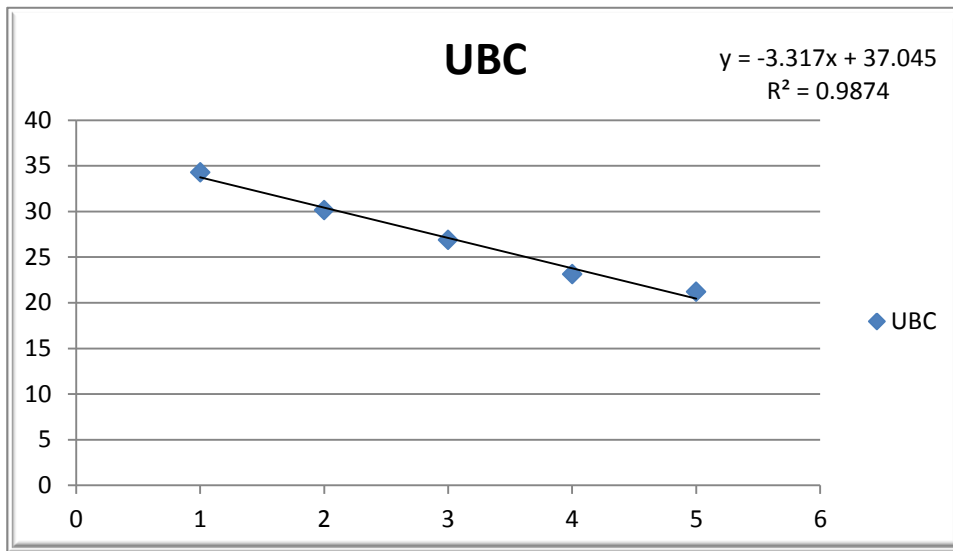




S-3: Primer efficiency calculation: (Linear regression)

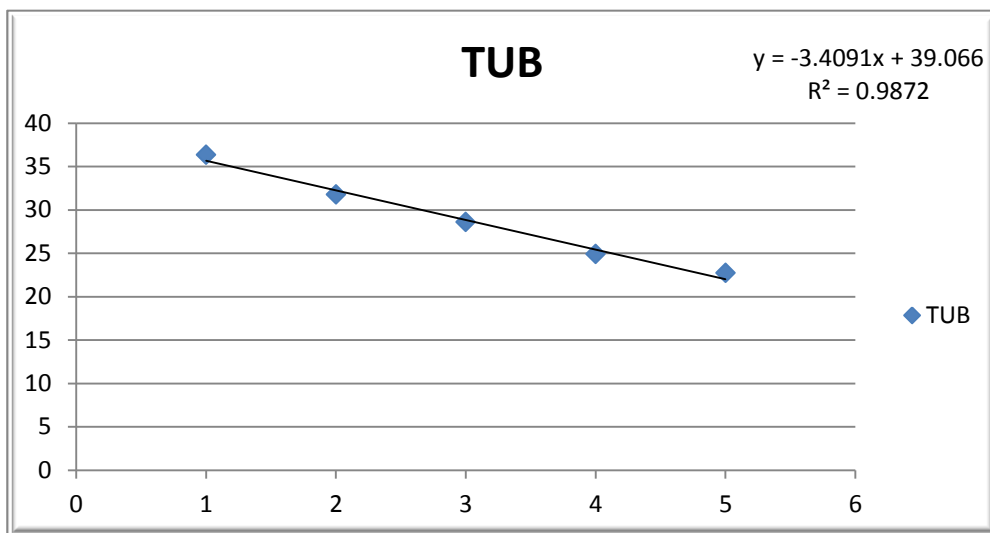


Cq values



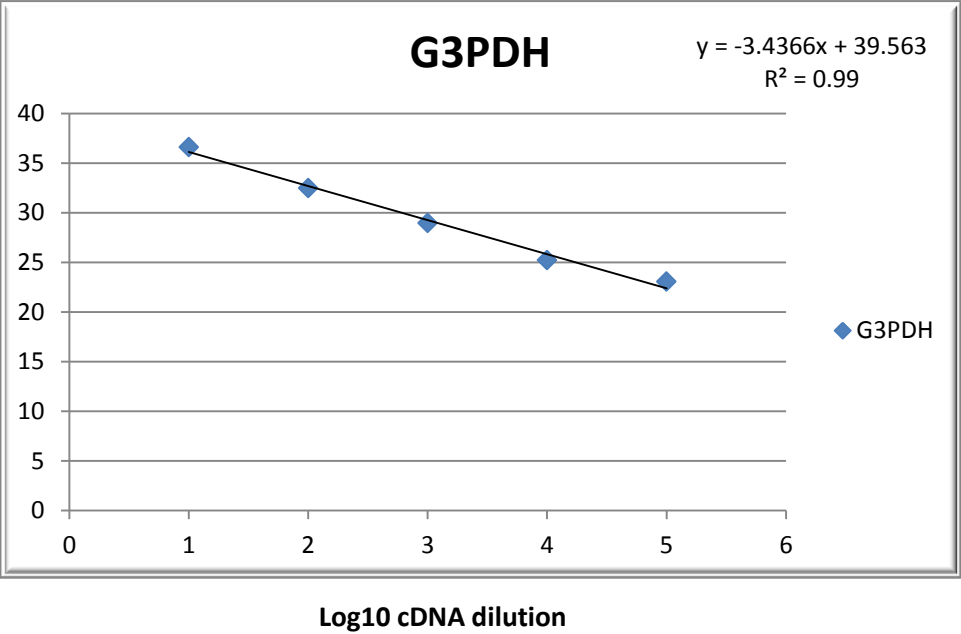
Log10 cDNA dilution

Cq values

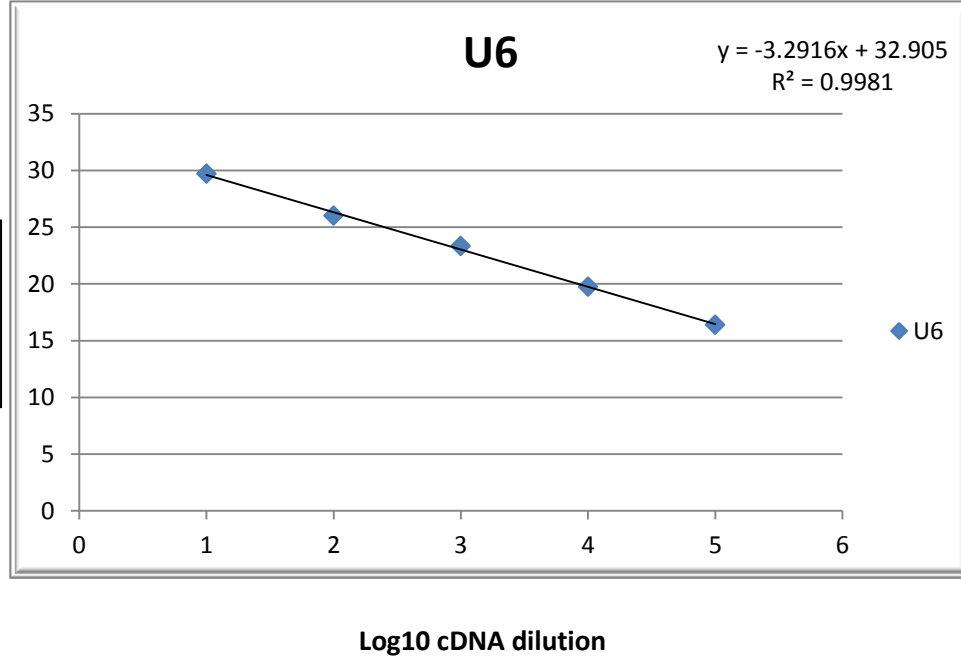


Log10 cDNA dilution

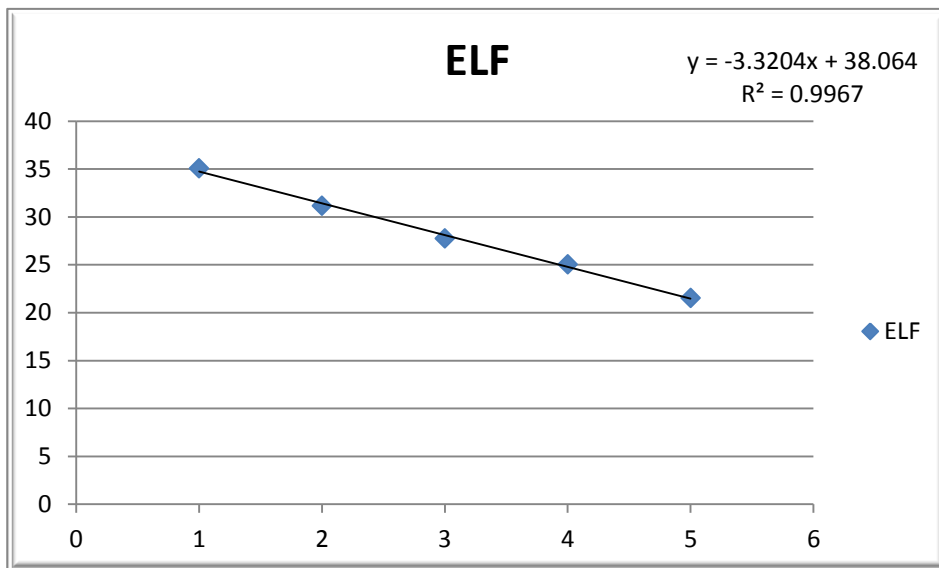
Cq values



Cq values

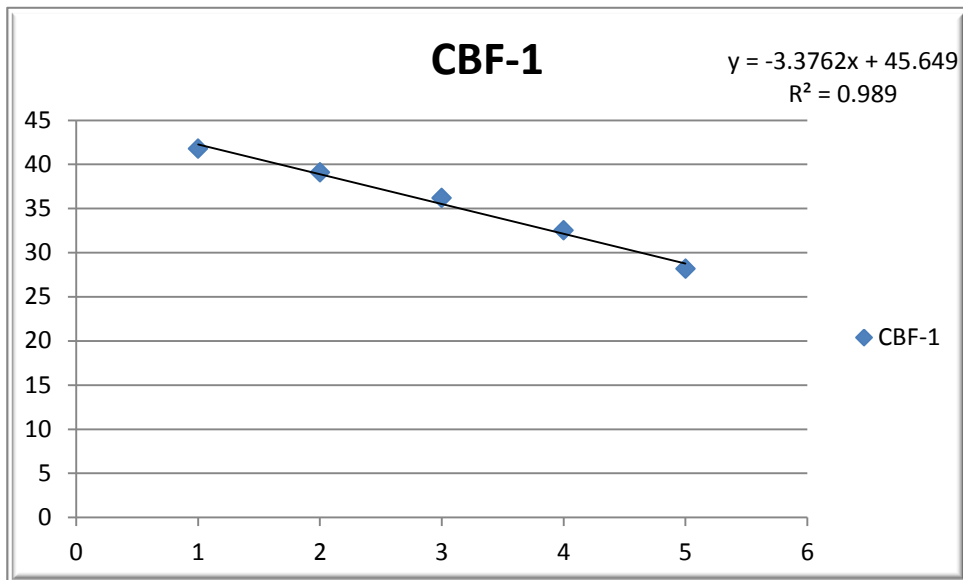


Cq values



Log10 cDNA dilution

Cq values



Log10 cDNA dilution