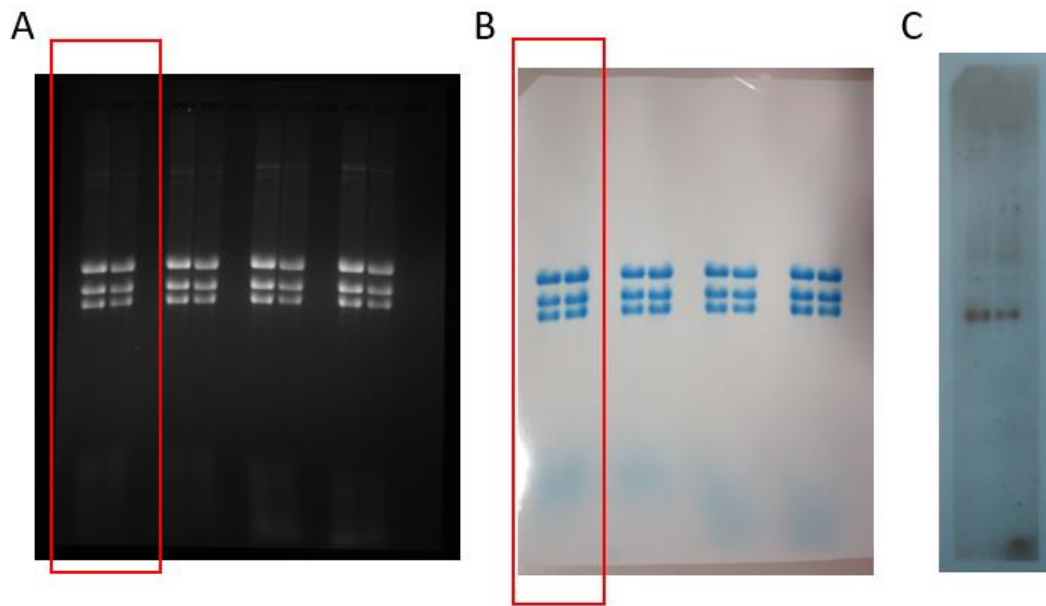


## SUPPLEMENTARY INFORMATION

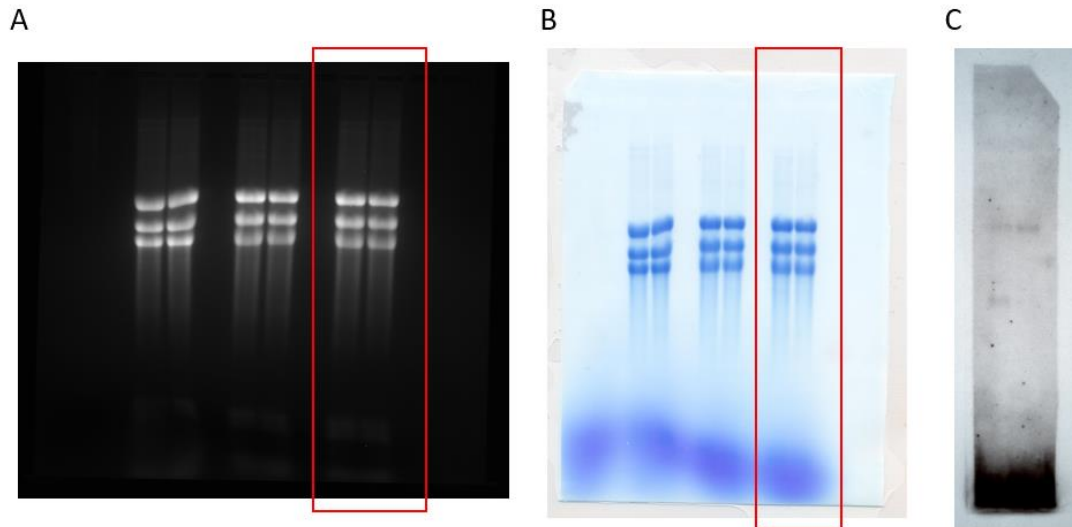
### **Analysis by RNA-seq of transcriptomic changes elicited by heat shock in *Leishmania major***

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**Supplementary Figure 1.**

Four pairs of RNA samples (26° and 37°C treatments) were size-separated on 1% (w/v) agarose-formaldehyde gel. Panel A, Ethidium bromide stained gel. Afterwards, the RNAs were electrophoresed onto a nylon membrane, and the membrane was soaked for 5 min at room temperature in a solution containing 0.5M sodium acetate pH 5.2 and 0.04% methylene blue (MeBl); the result is shown in panel B. The membrane was split into four equivalent pieces. The part of the membrane indicated by the red rectangle was used for detecting the transcripts derived from gene *LmjF.28.3032*. Panel C shows the autoradiograph obtained after hybridization and detection steps. Panel B of figure 5 was made from the autoradiograph (panel C) and the corresponding part of the membrane (stained with MeBl) shown in panel B.



### Supplementary Figure 2.

Three pairs of RNA samples (26° and 37°C treatments) were size-separated on 1% (w/v) agarose-formaldehyde gel. Panel A, Ethidium bromide stained gel. Afterwards, the RNAs were electrophoresed onto a nylon membrane, and the membrane was soaked for 5 min at room temperature in a solution containing 0.5M sodium acetate pH 5.2 and 0.04% methylene blue (MeBl); the result is shown in panel B. The membrane was split into three equivalent pieces. The part of the membrane indicated by the red rectangle was used for detecting the transcripts derived from gene LmjF.34.1100. Panel C shows the autoradiograph obtained after hybridization and detection steps. Panel C of figure 7 was made from the autoradiograph (panel C) and the corresponding part of the membrane (stained with MeBl) shown in panel B.