

Cytokine gene expression assay as a diagnostic tool for detection of *Mycobacterium bovis* infection in warthogs (*Phacochoerus africanus*)

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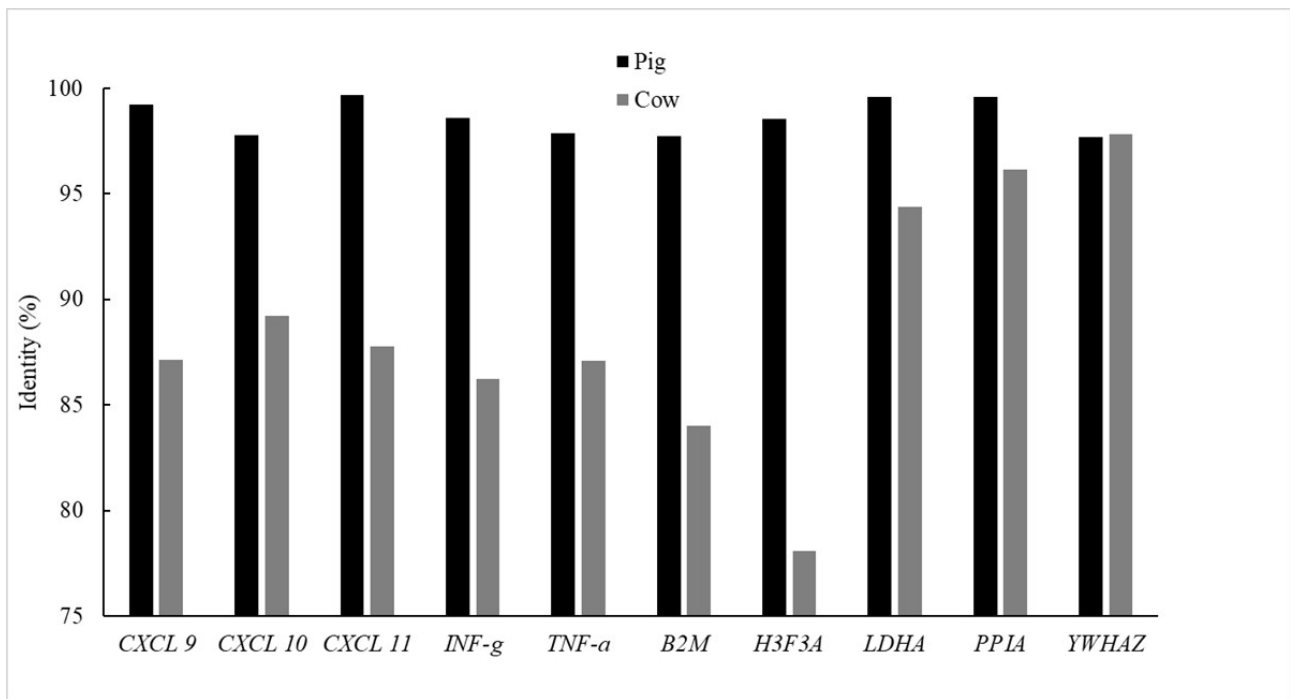


Figure S1 mRNA gene transcript identity of the warthog with that of the domestic pig and domestic cow. The warthog transcripts were most like that of the domestic pig, with all transcripts having an identity of more than 97%.

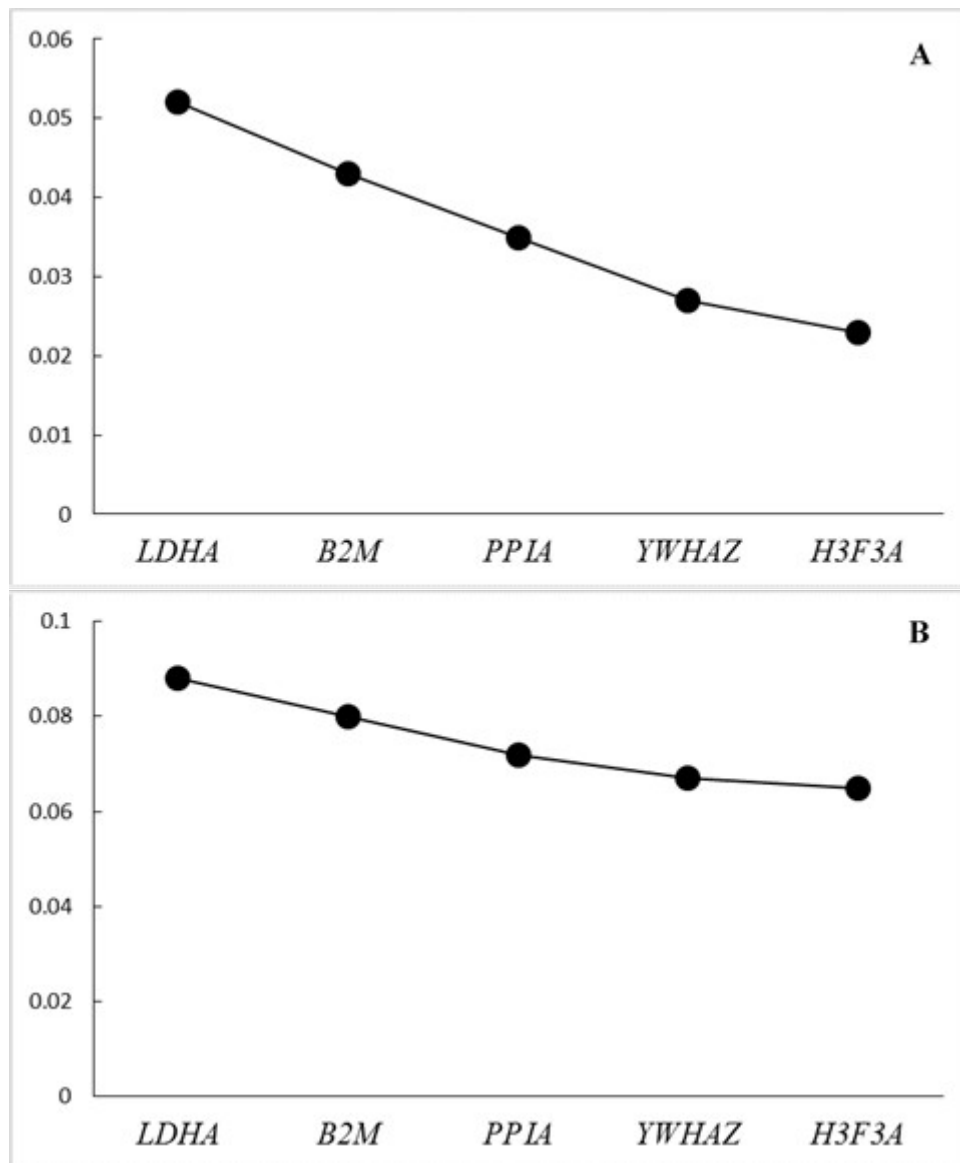


Figure S2 Gene expression stability of selected reference genes in whole blood, from four randomly selected warthogs, incubated in QuantiFeron TB Antigen and Nil tubes. Stability was calculated using (A) NormFinder Excel Add-In and (B) geNorm Excel applet.

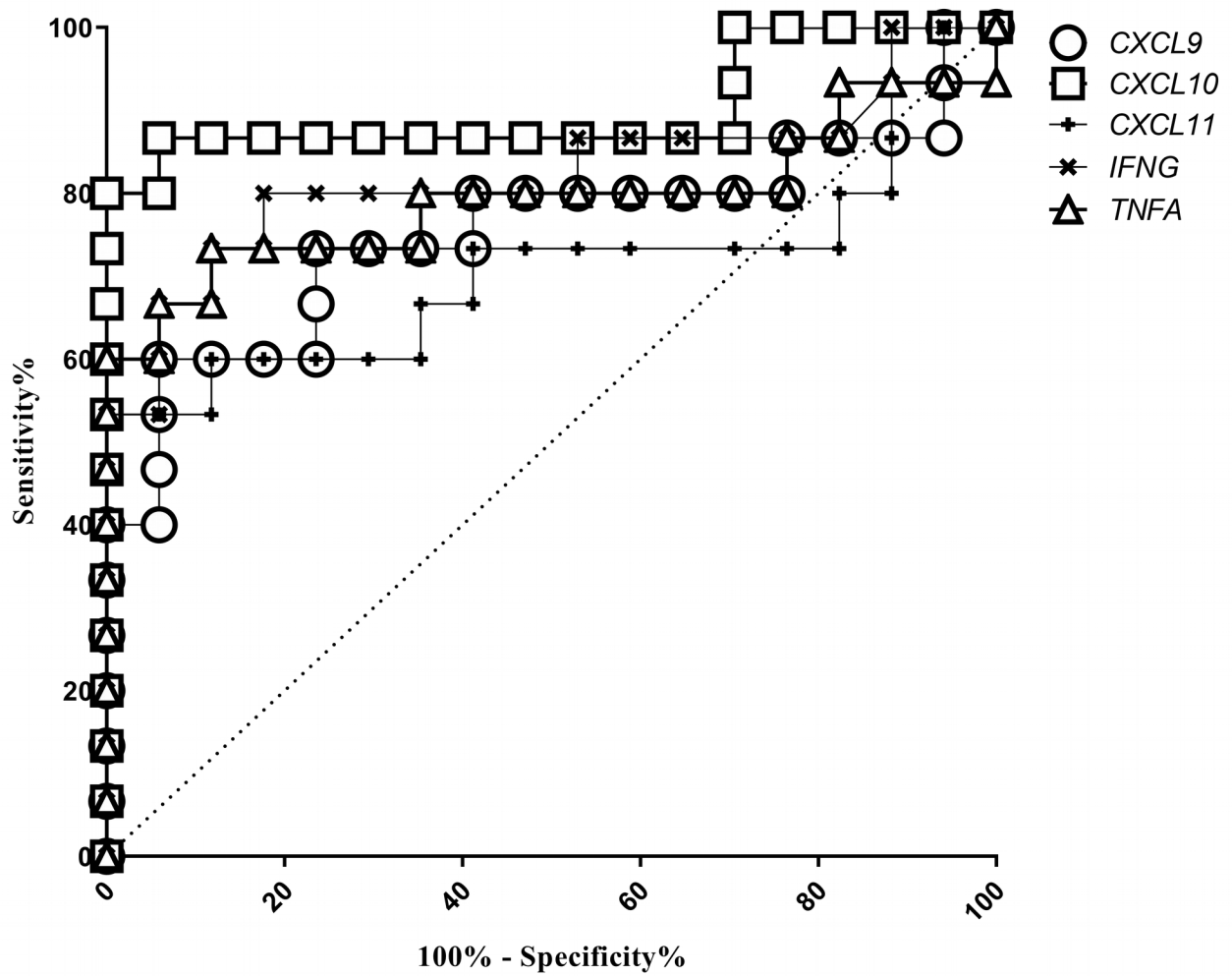


Figure S3 ROC curve analysis for each target gene based on *M. bovis* culture results. The dotted line represents the line of no-discrimination and AUC ranged from 0.71-0.90.