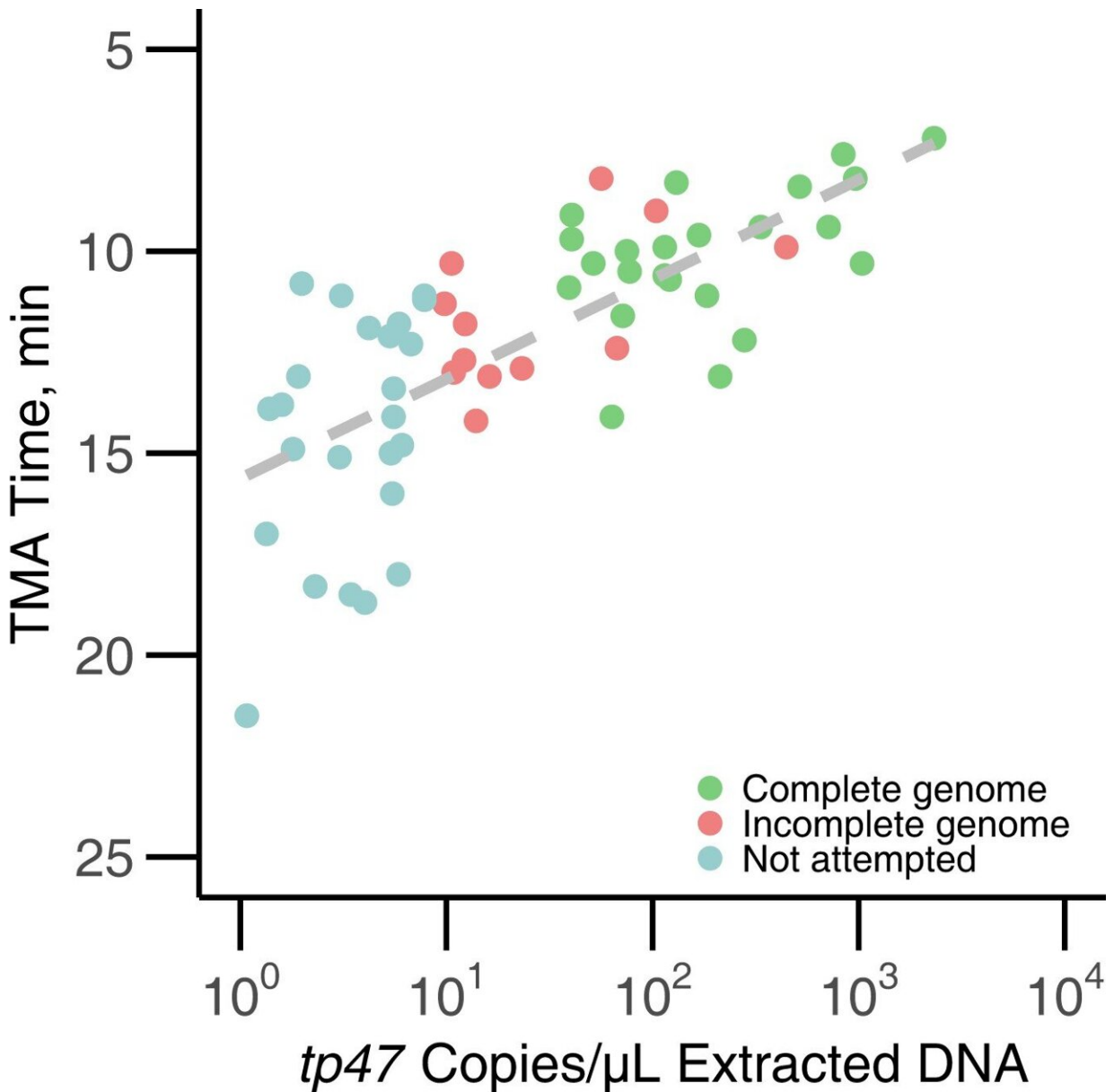


# Genomic sequencing method may help curtail syphilis spread

September 28 2023



Relationship between *Treponema pallidum* genome copies in extracted DNA, rTMA time on Aptima assay, and ability to recover complete genome. *T. pallidum* genome copies, as determined by tp47 quantitative polymerase chain reaction, were highly correlated with rTMA time taken directly from the Hologic Aptima assay ( $r = -0.78$ ). Complete genomes were defined as having 5.3% missing data (red). We did not attempt capture on specimens that had

Citation: Genomic sequencing method may help curtail syphilis spread (2023, September 28) retrieved 29 April 2024 from <https://medicalxpress.com/news/2023-09-genomic-sequencing-method-curtail-syphilis.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.