**Figure. Supplemental digital content 1.** Flowchart of children enrolled and included in the analysis

449 (71.5%)

TB ruled out

199 (69%) controls matched to cases by age and sample collection date

628 children enrolled in diagnostic study

103 (16%)

Clinically-diagnosed, unconfirmed TB

65 (23%) Clinically-diagnosed, unconfirmed TB

43 (6.8%) children could not be evaluated for TB

250 (43%)

Not included for analyses

33 (5.2%)

Confirmed TB

24 (8%) Confirmed TB

47 (8%) no buccal swab availablea

136 (21.7%)

TB diagnosed

a Buccal swab samples from some TB cases were used in pilot experiments and therefore were not available for these analyses