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Assessment of Cpa, Scl1 and Scl2 in clinical group A streptococcus isolates and patients from north India: an evaluation of the host pathogen interaction

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1 **For publication**

2 **Assessment of Cpa, Scl1 and Scl2 in clinical group A streptococcus isolates**
3 **and patients from north India: an evaluation of the host pathogen**
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29 **Abstract**

30 Group A streptococcus (GAS) infection remains a major concern due to multiple
31 diseases including pharyngitis, impetigo, acute rheumatic fever (ARF) and rheumatic heart
32 disease (RHD). It uses different adhesins and virulence factors like Cpa (collagen binding

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