

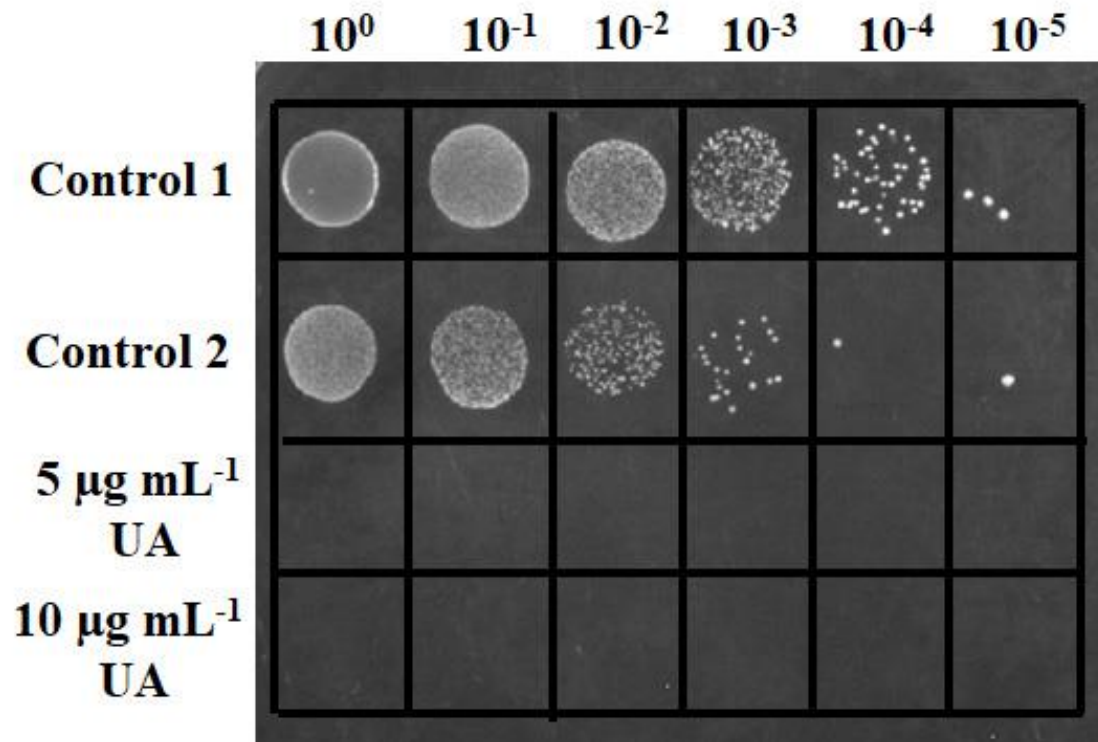
Usnic acid deteriorates acidogenicity, acidurance and glucose metabolism of *Streptococcus mutans* through downregulation of Two-component signal transduction systems

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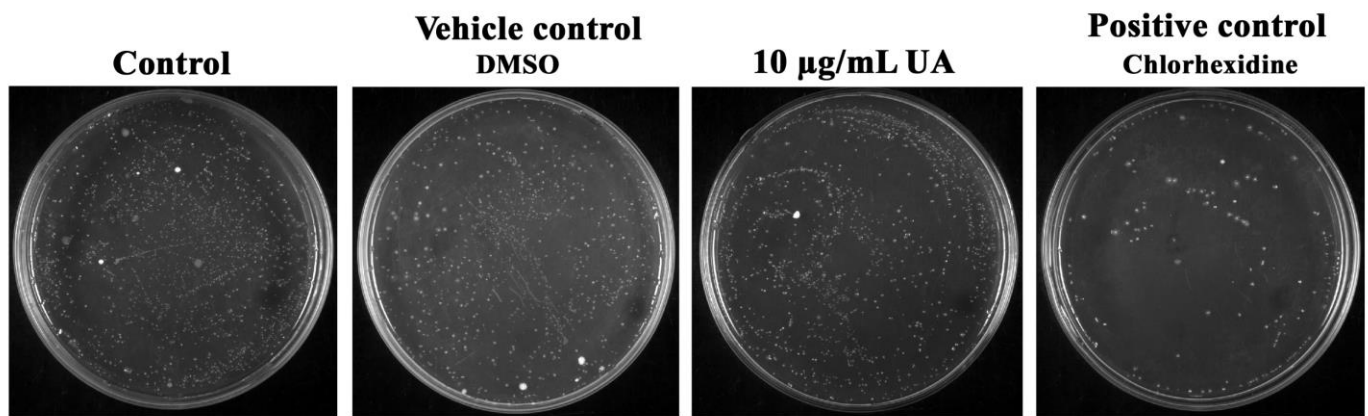
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Supplementary Figure S1: Spot assay confirming the increased sensitivity of *S. mutans* cells treated with UA to H_2O_2 treatment. Control – 1 *S. mutans* cells unexposed to H_2O_2 treatment; Control – 2 *S. mutans* cells exposed to 50 mM H_2O_2 . Complete killing of *S. mutans* cells were observed with the simultaneous exposure of H_2O_2 and UA.



Supplementary Figure S2: Effect of UA on oral commensals. Short term exposure of UA to salivary bacteria did not show a significant change in the oral commensals substantiating the therapeutic potential of UA in oral care products.