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The MiiA motif is a common marker present in polytopic surface proteins of oral and urinary tract invasive bacteria

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The MiiA motif is a common marker present in polytopic surface proteins of oral and urinary tract invasive bacteria

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Running title: MiiA-containing surface proteins

Highlights:

- MiiA is a 27mer motif found in surface proteins of Gram-positive bacteria
- MiiA repeats are part of disparate protein architectures
- MiiA-carrying species are associated to opportunistic endocarditis and sepsis
- The MiiA motif also occurs in commensals from which gene transfer may occur
- MiiA repeats may be involved in recognition of sugars in host receptors

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