

Supplemental Material for:

Streptococcal Inhibitor of Complement (SIC) Promotes Innate Immune Resistance Phenotypes of Invasive M1T1 Group A *Streptococcus*

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Figure S1. Sequence comparison of the Serum Inhibitor of Complement (SIC) proteins encoded by the group A Streptococcal *sic1.01* and *sic1.84* alleles.

89.6% identity in 326 residues overlap; Score: 1584.0; Gap frequency: 4.0%

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sic1.01      1 MNIRNKIENSKTLLFTSLVAVALLGATQPVSAETYTSRNFWDWGGDDWGGDDWPEDDWGGD
sic1.84      1 MNIRNKIENSKTLLFTSLVAVALLGATQPVSAETYTSRNFWDWGGDDWGGDDWPEDDWGGD
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sic1.01     61 GLSKYDRSGVGLSQYGWSKYGWSSDKEEWPEDWPEDDWSS-----DKKDE-----TE
sic1.84     61 GLSKYDRSGVGLSQYGWSKYGWSSDKKDEDEDKTRPPYGEALGTGYEKRDDWGGPGTVAT
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sic1.01    108 DKTRPPYGEALGTGYEKRDDWGGPGTVATDPYTTPPYGGALGTGYEKRDDWGGPGTVATDP
sic1.84    121 DPYTTPPYGGALGTGYEKRDDWGGPGTVATDPYTTPPYGGALGTGYEKRDDWGGPGTVATDP
*      **** *****

sic1.01    168 YTPPYGGALGTGYEKRDDWRGPGHIPKPENEQSPNPSHIPEPPQIEWPQWNGFDGFDGLS
sic1.84    181 YTPPYGGALGTGYEKRDDWRGPGHIPKPENEQSPNPSHIPEPPQIEWPQWNGFDGFDGLS
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sic1.01    228 SGPSDWGQSEDTPRFPSEPRVTEKQPQHTPQKNPQESDFDRGFSAGLKAKNSGRGIDFEGF
sic1.84    241 SGPSDWGQSEDTPRFPSEPRVTEKQPQHTPQKNPQESDFDRGFSAGLKAKNSGRGIDFEGF
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sic1.01    288 QYGGWSDEYKKGYMQAFGTPYTPSAT
sic1.84    301 QYGGWSDEYKKGYMQAFGTPYTPSAT
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