

1 **S1 Table. CspA<sub>B31</sub> and CspA<sub>B31</sub>L246D display indistinguishable affinity in binding to C7, C9**  
 2 **and plasminogen.**

<b>Ligand</b>	<b>CspA<sub>B31</sub> protein</b>	<b>----- Surface Plasmon Resonance -----</b>			<b>p<sup>a</sup></b>
		<b>K<sub>D</sub> (μM)</b>	<b>k<sub>on</sub> (10<sup>5</sup>s<sup>-1</sup>M<sup>-1</sup>)</b>	<b>k<sub>off</sub> (s<sup>-1</sup>)</b>	
<b>C7</b>	<b>CspA<sub>B31</sub></b>	<b>5.26±1.57</b>	0.94±0.01	0.45±0.04	0.45
	<b>CspA<sub>B31</sub>L246D</b>	<b>3.50±1.40</b>	1.43±0.04	0.38±0.02	
<b>C9</b>	<b>CspA<sub>B31</sub></b>	<b>5.47±0.66</b>	0.60±0.05	0.32±0.01	0.94
	<b>CspA<sub>B31</sub>L246D</b>	<b>5.40±0.63</b>	0.70±0.01	0.36±0.01	
<b>Plasminogen</b>	<b>CspA<sub>B31</sub></b>	<b>6.35±1.02</b>	0.43±0.06	0.26±0.01	0.94
	<b>CspA<sub>B31</sub>L246D</b>	<b>6.48±1.51</b>	0.49±0.01	0.29±0.03	

3 All values represent the mean ± SEM of three experiments.

4 <sup>a</sup>The statistical significance for the binding of a particular ligand to CspA<sub>B31</sub> or CspA<sub>B31</sub>L246D  
 5 was determined using T-test.

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