## SUPPORTING MATERIAL

## Epinephrine Modulates BCAM/Lu and ICAM-4 Expression on the Sickle Cell Trait Red Blood Cell Membrane

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## **Supporting Figures**



**Figure S1.** Validation of the specificity of the BCAM/Lu-laminin interaction on wild-type RBCs. (A) Adhesion force histogram obtained from 6,144 force curves (n = 6 cells x 1024 force curves) measured between a LAMA5 tip and a wild-type RBC. The distribution of adhesion forces reveals a maximum value at 46 ± 6 pN, as determined by a Gaussian fit. (B) Adhesion force histogram (n = 6 cells x 1024 force curves) obtained after injection of free laminin (250 µg/mL) into solution. Force-distance curves were measured in a LAMA5 tip and a wild-type RBC. The dramatic reduction of adhesion frequency to 0.52% from 10.42% on the wild-type in (A) (p < 0.001) demonstrates the specificity of the BCAM/Lu-laminin interaction.