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## **Supporting Information**

## Is surface patch binding between proteins symmetric about isoelectric pH?

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**Figure S1:** pH titration profile showing turbidity as a function of solution pH, (pH-pI) for BSA-GB solutions at various ionic strengths. Note the screening of the interactions manifested in the titration profile data.



**Figure S2:** pH titration profile showing turbidity as a function of solution pH for BSA-GB solutions at various mixing ratios.



**Figure S3:** A representative pH titration profile showing SPB binding (turbidity) was preferred in Region II (coacervation yield in the inset) as a function of solution deviation from the pI for BSA-GB solutions.