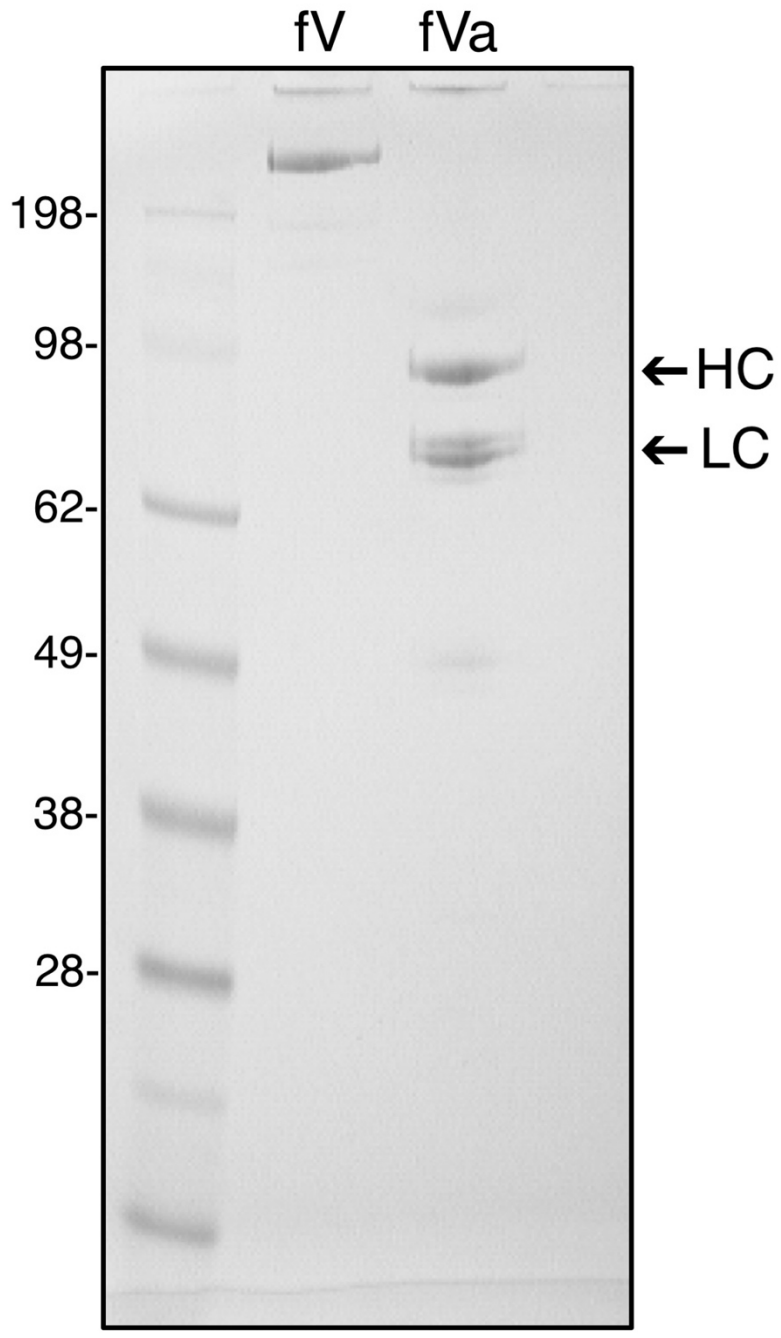
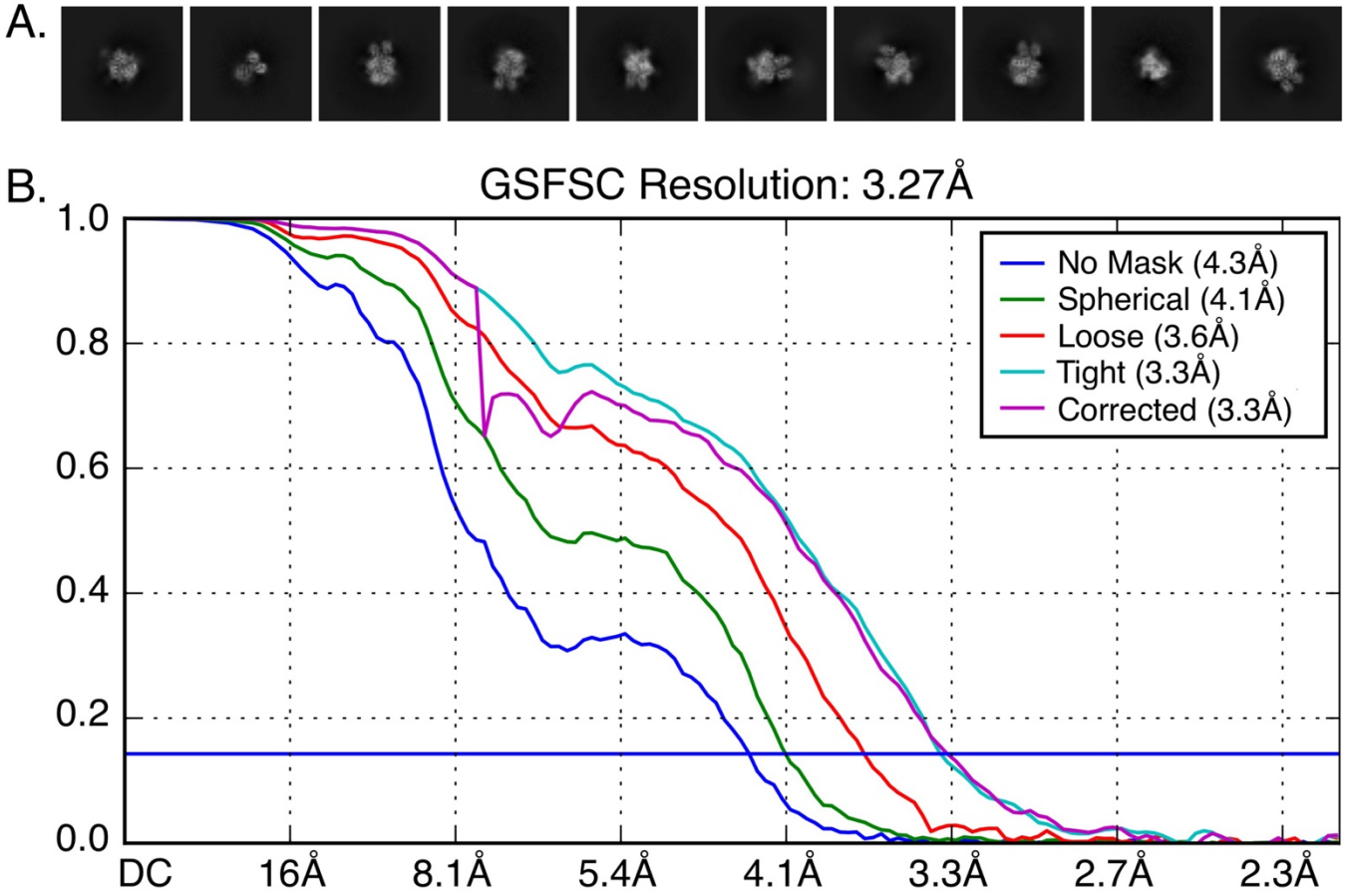
Supplementary Information

Cryo-EM structures of human coagulation factors V and Va

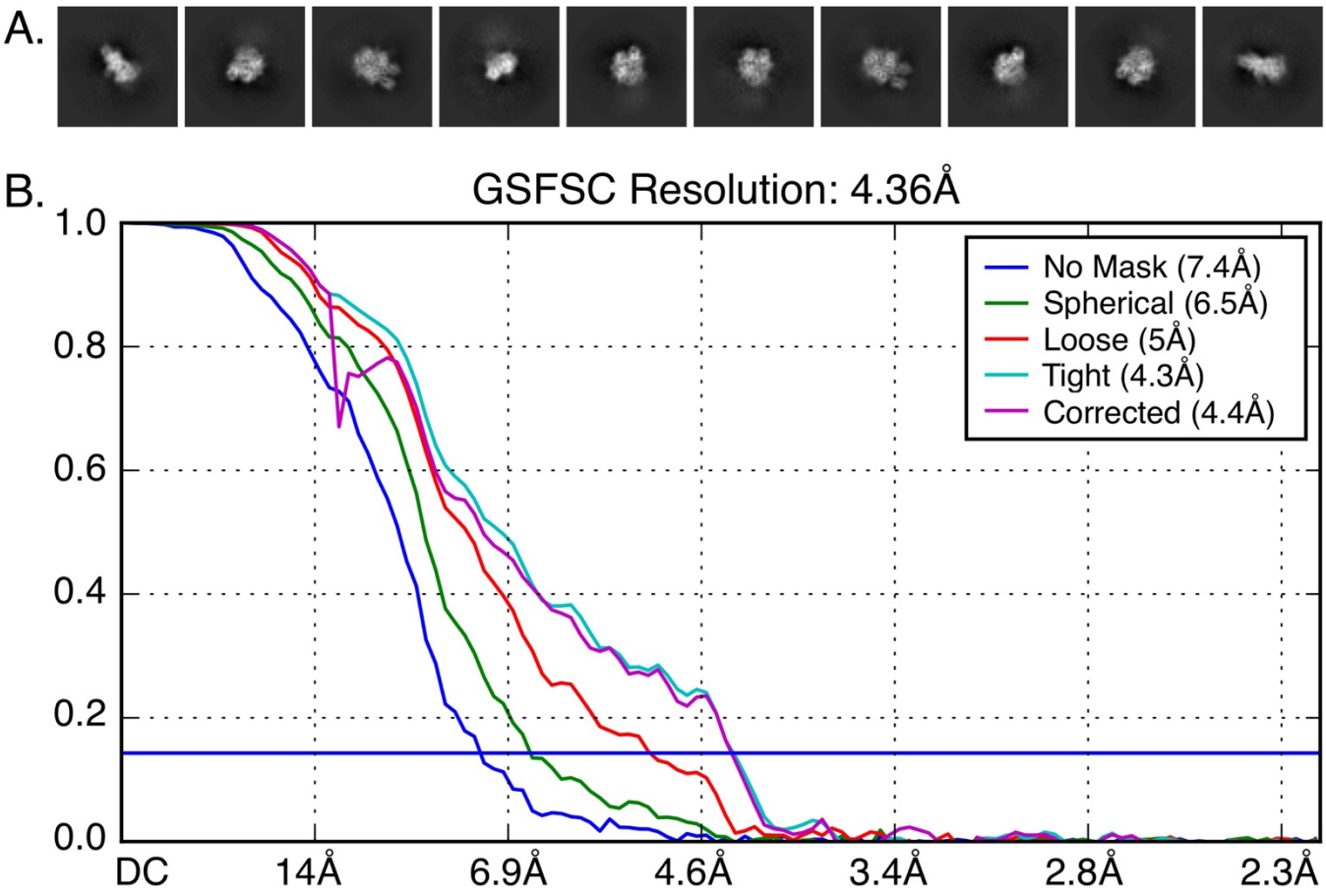
Eliza A. Ruben[1], Michael J. Rau[2], James A. J. Fitzpatrick[2,3,4,5] and Enrico Di Cera[1]
[1]Edward A. Doisy Department of Biochemistry and Molecular Biology, Saint Louis University School of Medicine, St. Louis, MO 63104 USA
[2]Washington University Center for Cellular Imaging, Washington University School of Medicine, Saint Louis, MO 63110 USA
[3]Department of Cell Biology and Physiology, Washington University School of Medicine, Saint Louis, MO 63110 USA
[4]Department of Neuroscience, Washington University School of Medicine, Saint Louis, MO 63110 USA
[5]Department of Biomedical Engineering, Washington University in Saint Louis, Saint Louis, MO 63130 USA



Supplementary Figure 1. Final samples of fV and fVa used for vitrification. HC: heavy chain; LC: light chain.



Supplementary Figure 2A-B. Data quality of the cryo-EM structure of fV shown as (A) representative 2D class averages and (B) gold standard Fourier shell correlation (GSFSC) of masked refinement of the fV map at 3.27 Å resolution (emd id: 23048).



Supplementary Figure 3A-B. Data quality of the cryo-EM structure of fVa shown as (A) representative 2D class averages and (B) Gold standard Fourier Shell Correlation (GSFSC) of masked refinement of Factor Va map at 4.36 Å resolution (emd id: 23067).