

The role of HIV-1 Env conformational variability in receptor binding and antibody resistance.

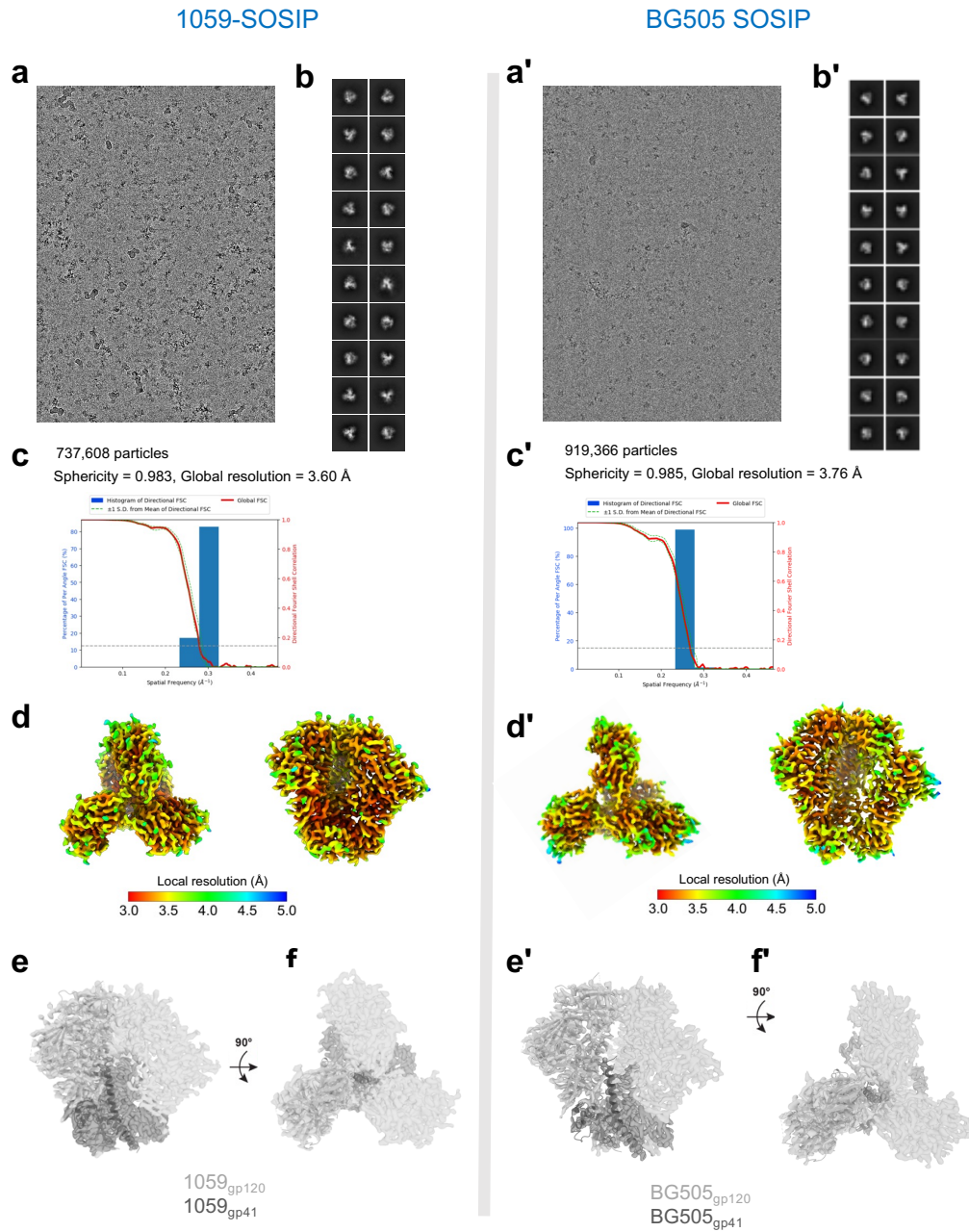


Figure 1: Summary of cryo-EM data processing and validation of 1059 (left) and control BG505 (right) SOSIPs. **a,a'**, Representative micrograph and **b,b'**, cryo-EM 2D class averages for 1059 or BG505 SOSIP cryo-EM data collection. **c,c'**, Gold-standard Fourier shell correlation (FSC) plot for the map. Estimate is reciprocal of spatial frequency at Fourier shell correlation value of 0.143 (horizontal dashed line). **d,d'**, Local resolution estimation of the 1059 / BG505 SOSIPs. **e-f,e'-f'**, Top and side views of rigid body fit for one protomer of an Env trimer from the BG505-IOMA-10-1074 model (PDB 5T3Z; IOMA and 10-1074 Fabs removed) shown in cartoon and SOSIP cryo-EM densities.