

Supporting Information

Löving et al. 10.1073/pnas.1118125109

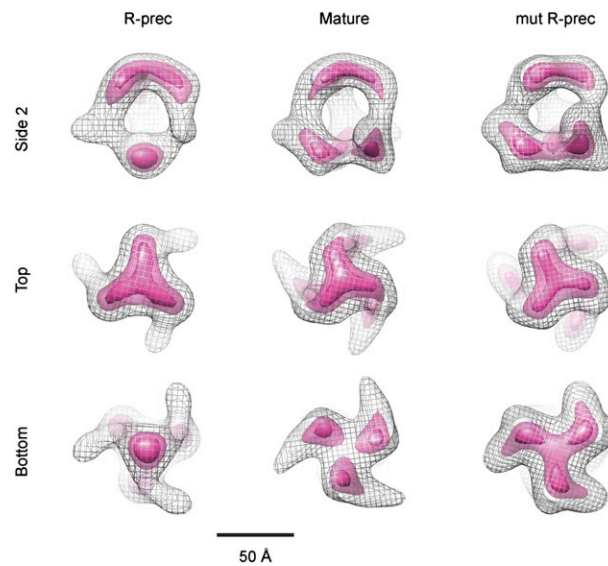


Fig. S1. Surface-rendered 3D reconstructions of the R-peptide (*Left*), the mature (*Center*), and the L651A mutant Env (*Right*) viruses at full volume (mesh) and at two thresholds of increased density (magenta). Top, side, and bottom views are shown. (Scale bar, 50 Å.)

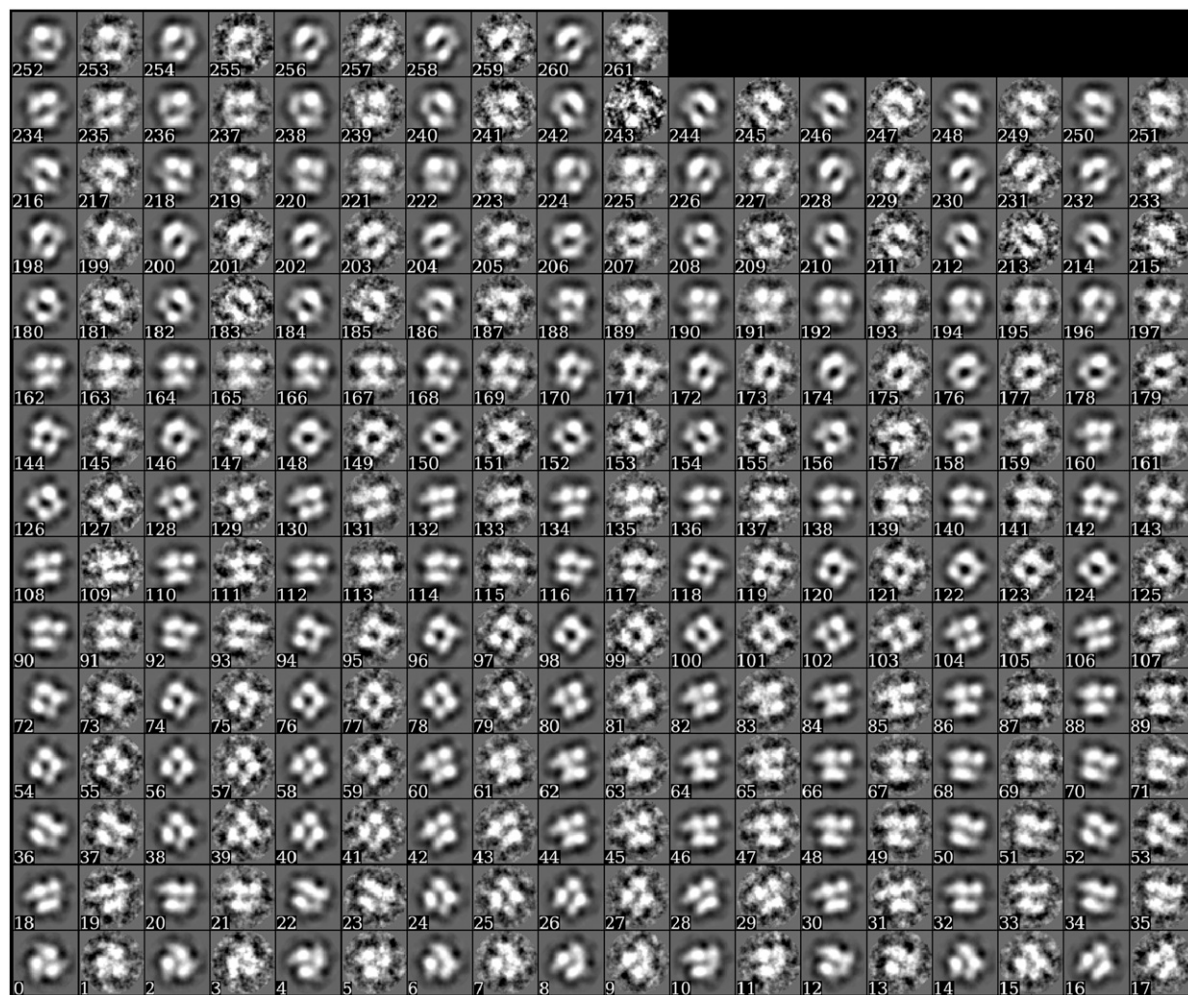


Fig. S2. Map projections and class averages of the 3D reconstruction of the native R-peptide Env. Map projections (even-numbered images) are shown with the corresponding class averages (odd-numbered images) (*Right*).

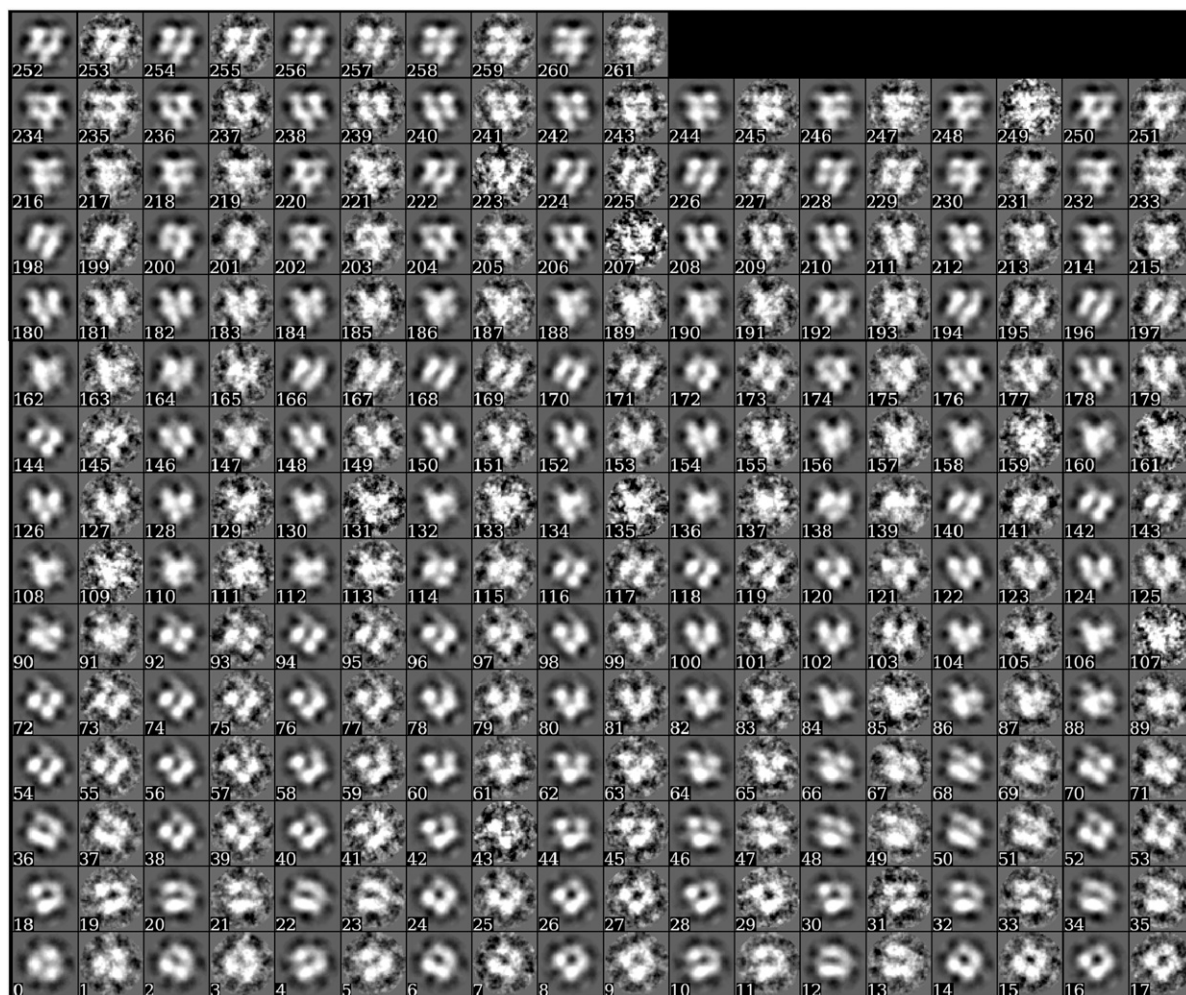


Fig. S3. Map projections and class averages of the 3D reconstruction of the activated intermediate (isomerization-arrested stage; IAS) form of the R-peptide Env. Map projections (even-numbered images) are shown with the corresponding class averages (odd-numbered images) (Right).

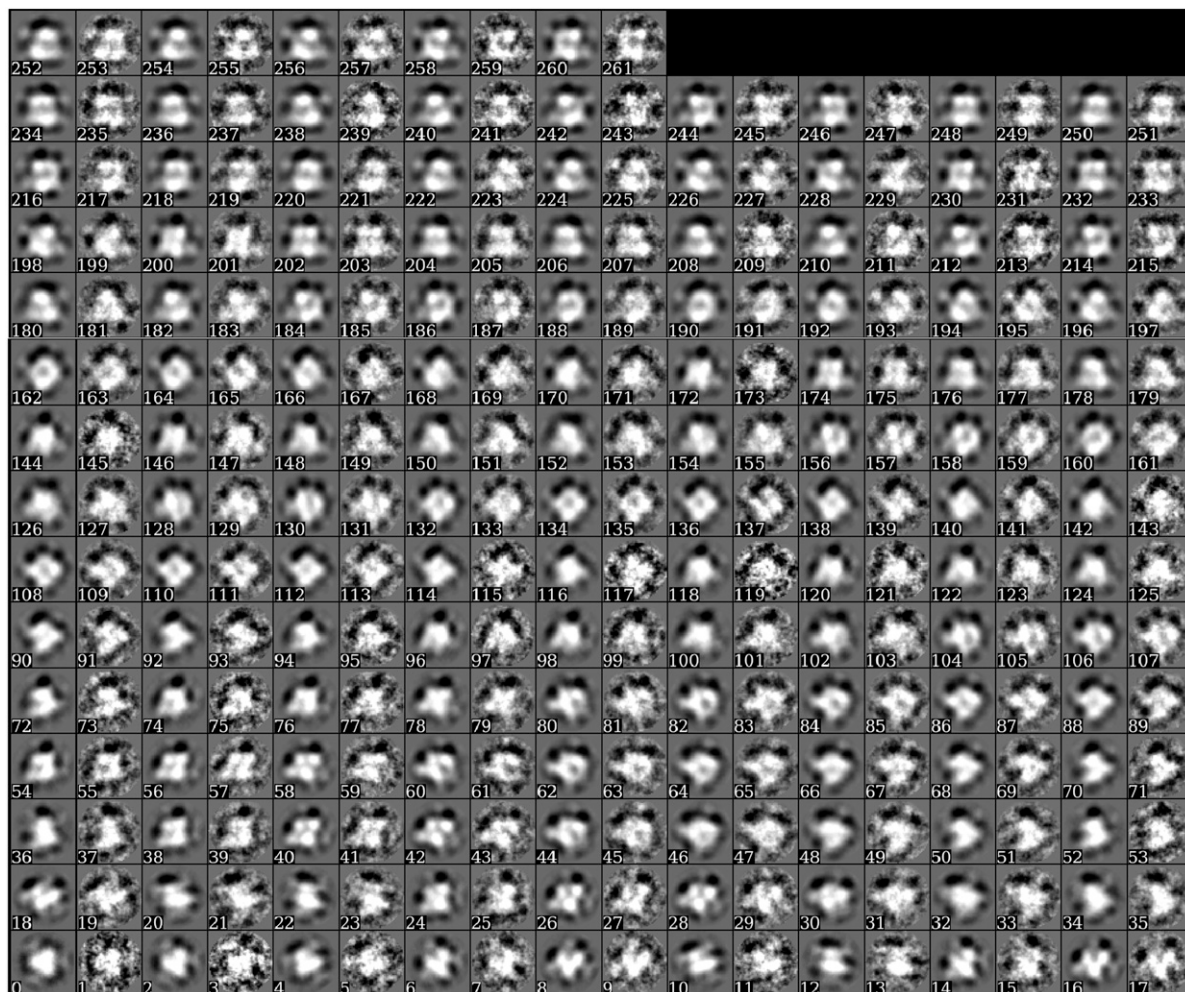


Fig. 54. Map projections and class averages of the 3D reconstruction of the R-peptide Env mutant L651A. Map projections (even-numbered images) are shown with the corresponding class averages (odd-numbered images) (*Right*).

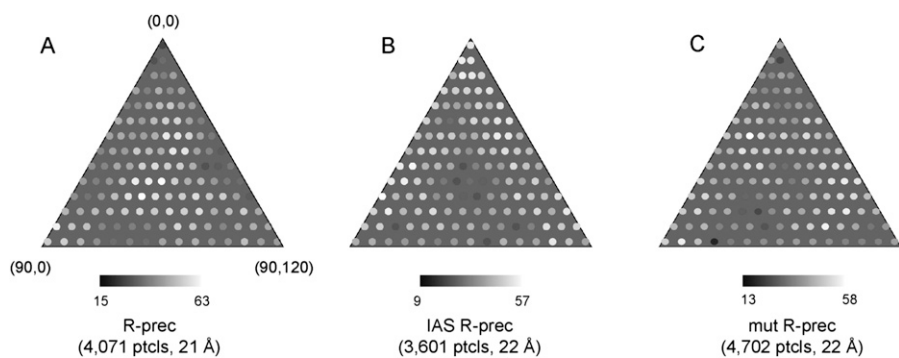


Fig. 55. Asymmetric triangles showing the distribution of images in the classes in the Env reconstructions of the R-peptide Env (*A*), the IAS form of the R-peptide Env (*B*), and the R-peptide L651A Env mutant (*C*), as displayed by EMAN (<http://blake.bcm.edu/emanwiki/EMAN/>). The grayscale shows the number of images per class. The number of particles included in the datasets and the resolution achieved (Å) are shown below each triangle.

