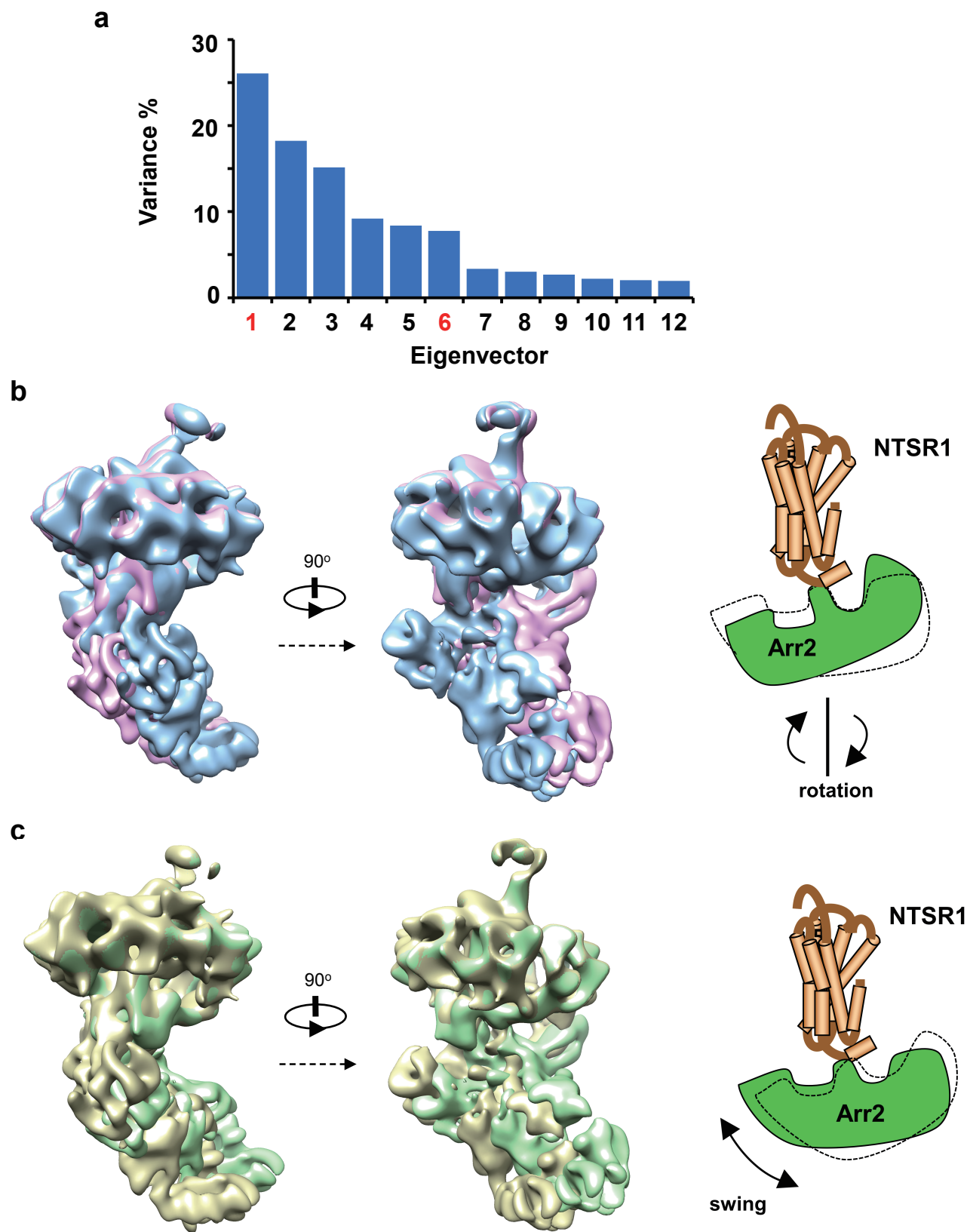


Supplementary information, Fig. S3



Supplementary information, Fig. S3| Conformational heterogeneity analysis by multi-body refinement.

a, The distributional variances of all 12 eigenvectors derived from the particles used for the final reconstruction. The first 6 eigenvectors explain 84.7% of the variance in the dataset. b, The two density maps (displayed at 6.5σ) from the 1st and the 10th component in the first eigenvector are aligned by receptor, showing rotational movement of Arr2 with respect to receptor as illustrated by the cartoon. c, The two density maps from the 1st and the 10th component in the sixth eigenvector are aligned by receptor, showing swing movement of Arr2 with respect to receptor as illustrated by the cartoon.