

Figure S4. The velocity maps in Fig. 7 are shown in segmented form here. Red regions: velocity (nm/s) > 5.0; yellow regions: 1.0 < velocity (nm/s) < 5.0 and contacting a red region; white regions: 1.0 < velocity (nm/s) < 5.0 but not contacting a red region; black regions: velocity (nm/s) < 1.0. The contiguous red/yellow regions are considered *bona fide* protrusions.