Table S2.
Parameters for automated detection and tracking of EB1 comets using *plusTipTracker* (*25*).

Image sequence calibrations		Tracking parameters	
Pixel size	0.3284 μm	Maximum gap length	2 frames
Frame rate	1.5 s	Minimum sub-track length	3 frames
		Minimum search radius	1 pixel
Detection parameters		Maximum search radius	3 pixels
Method	Watershed-based	Maximum forward angle	30°
Sigma 1	1	Minimum forward angle	10°
Sigma 2	7	Fluctuation radius	1 pixel
K	1-2.5	Maximum shrinkage factor	1