Rabbit delta 78 heterozygote019_SpQP_spq_210215_205359   1

C:\Users\Crispian Morris\Documents\MATLAB\MDM2 Rep 2\MDM2-Sperm\Rabbit\Rabbit delta 78 heterozygote019\Rabbit delta 78 heterozygote019_SpQP_spq_210215_205359\
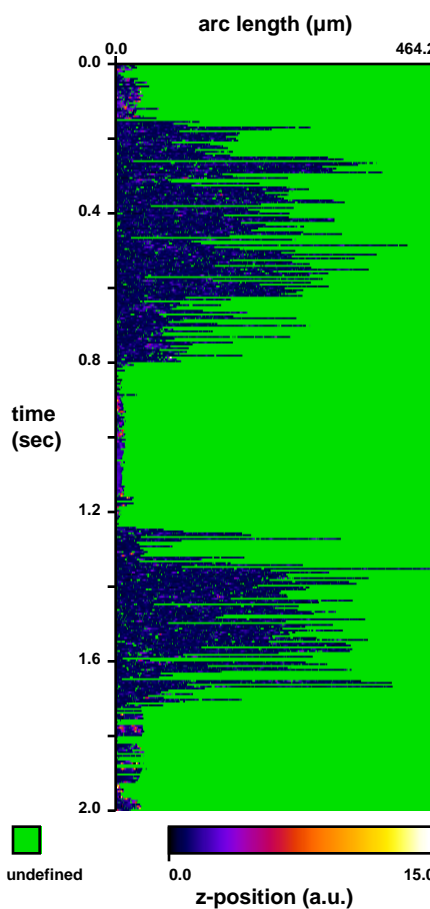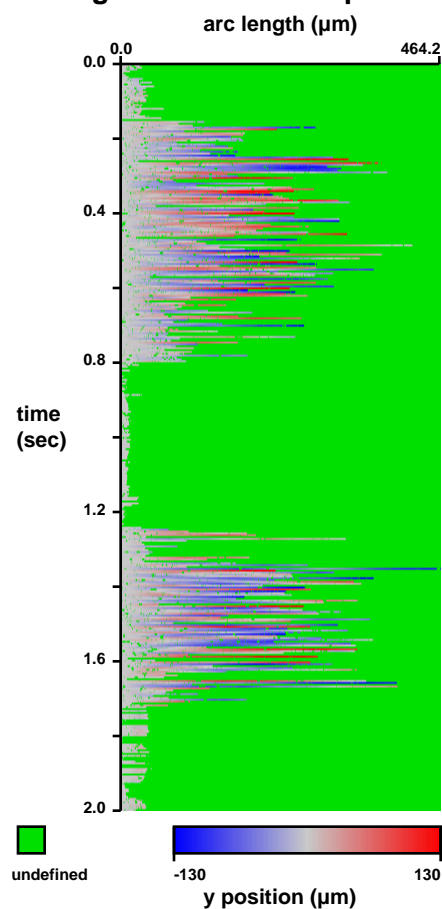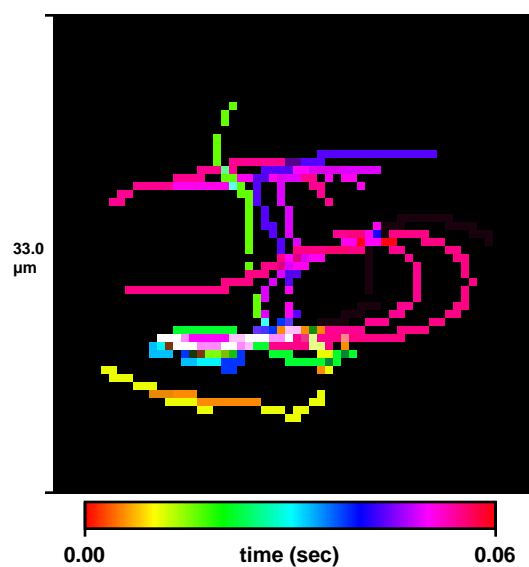
(A) Local bending

(B) Relative z-position

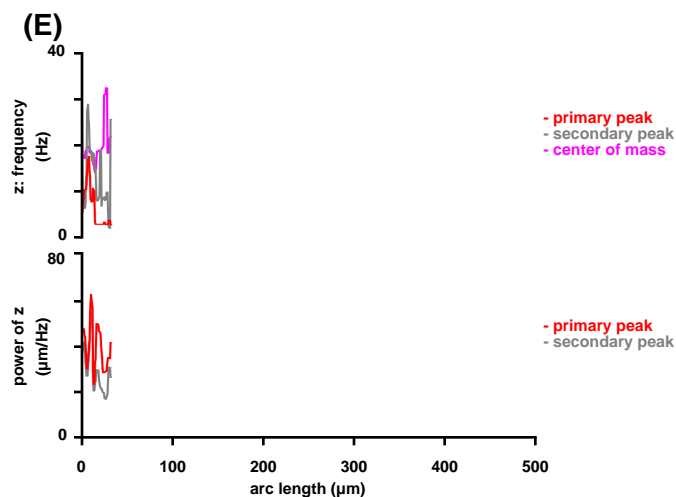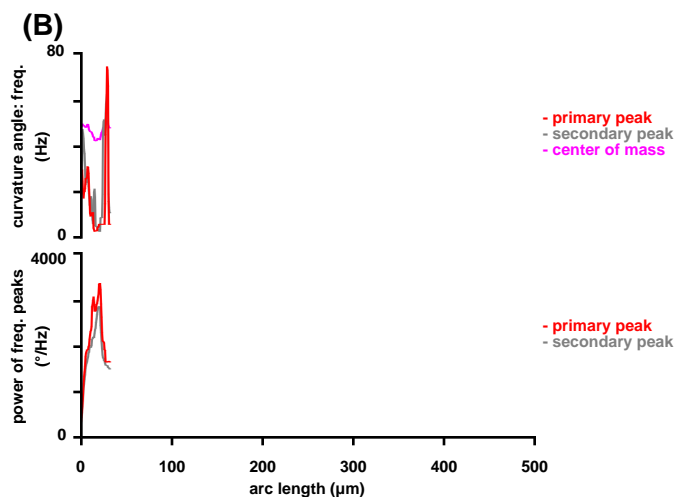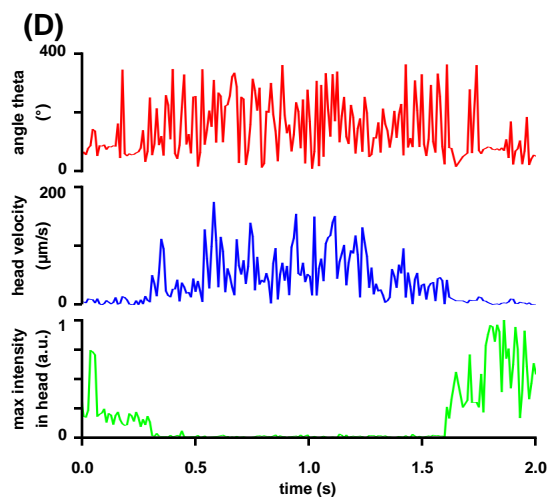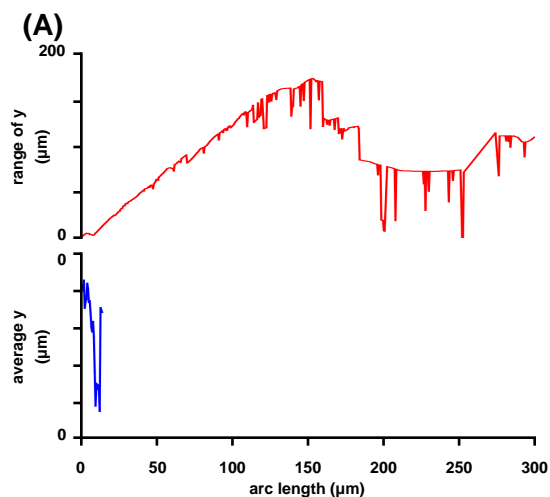**(C) Flagellar position orthogonal to head-midpiece axis**

(D) Overlay of one beat cycle

(E) Head position in space
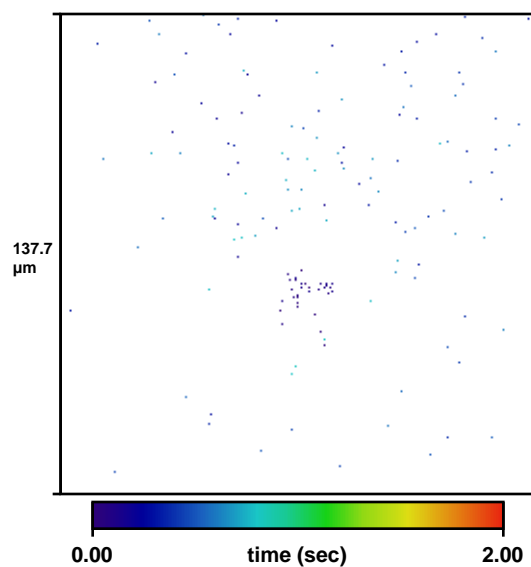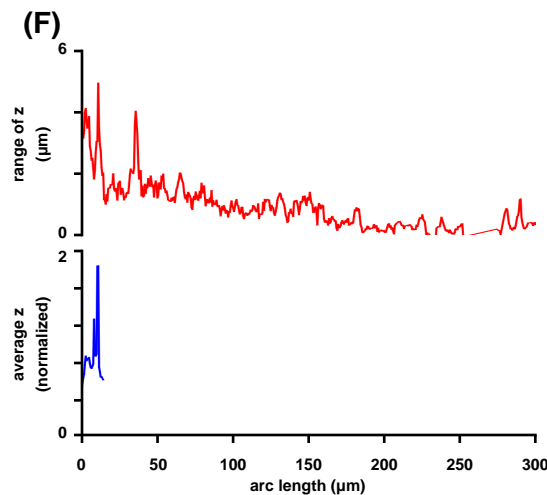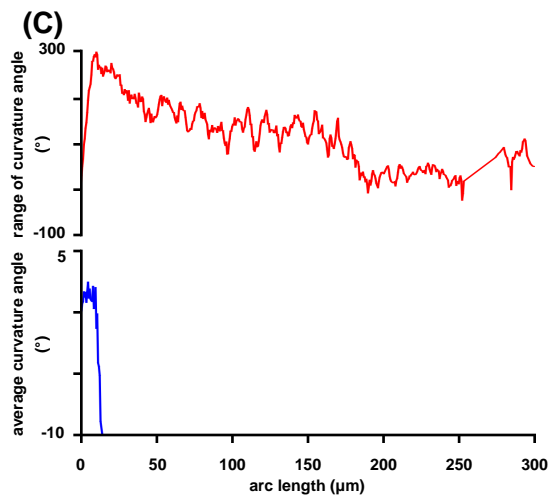
(A) upper panel: beat amplitude compared to head-midpiece axis, bottom panel: asymmetry compared to head-midpiece axis

(B) local beat frequency

(C) upper panel: local bending amplitude, bottom panel: local bending asymmetry

(D) upper panel: orientation of head-midpiece axis in space, middle panel: velocity of head in space, bottom panel: rolling

(E) local beat frequency in z

(F) upper panel: beat amplitude in z, bottom panel: asymmetry in z