

Figure S1

One example of a single motor's speed response to a short removal of illumination in a pR-expressing azide treated cell.

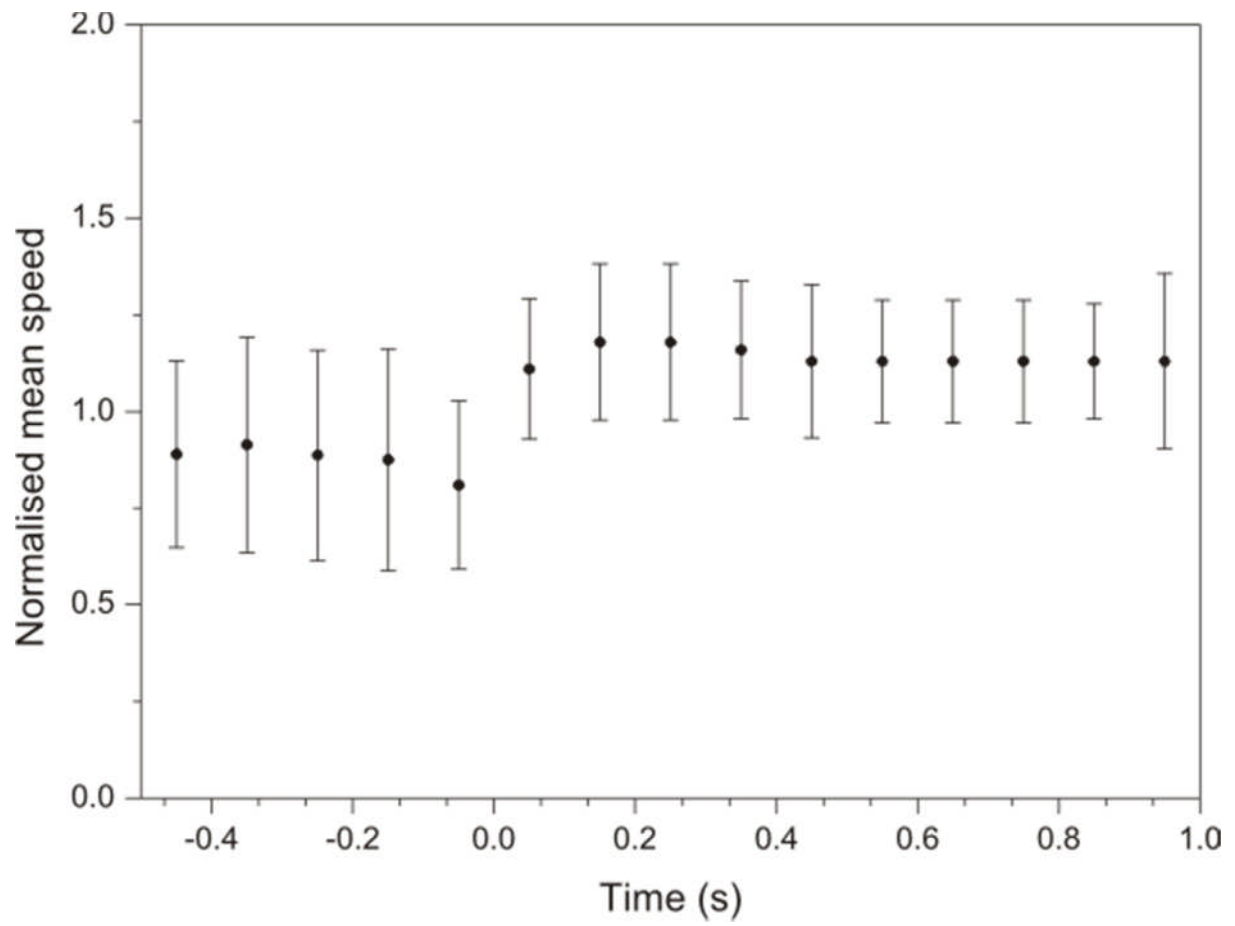


Figure S2

Normalised average motor speed following illumination in cells with intact respiratory apparatus.

The speed increase upon illumination is complete within 0.2 s.

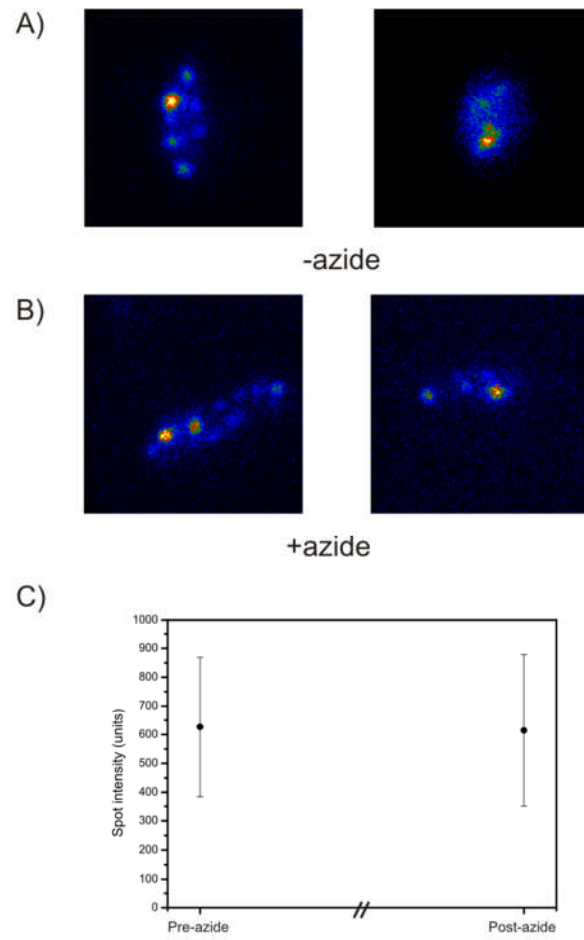


Figure S3

TIRF images of cells expressing YPet-FlIM, showing fluorescently labelled rotor proteins, before (A) or 10 minutes after (B) addition of sodium azide. PMF disruption does not dissipate the motor spot, showing that the presence of FlIM in the motor does not require PMF. Graph shows mean spot intensity from 5 cells.