The following videos record representative examples of the ‘shaking’ phenotype observed in the *Hr5/ie1*>*AaHIT* and *Op/ie2*>*AaHIT* adults off-tet as well as individuals of the same genotype but reared on-tet to act as negative controls (not shaking). As no differences were apparent between the appearance of the shaking phenotype observed in *Hr5/ie1*>*AaHIT* and *Op/ie2*>*AaHIT* adults, these videos are exclusively of *Op/ie2*>*AaHIT* individuals. Unless specified, videos are of orthogonal individuals.

Video 1: ‘NMT-IMG\_3803.MOV’: On-tet male 1 negative control. Dorsal view.

Video 2: ‘NMB-IMG\_3804.MOV’: On-tet male 1 negative control. Ventral view.

Video 3: ‘NFT-IMG\_3802.MOV’: On-tet female 1 negative control. Dorsal view.

Video 4: ‘NFB-IMG\_3801.MOV’: On-tet female 1 negative control. Ventral view.

Video 5: ‘SMTA-IMG\_3780.MOV’: Off-tet male 1 showing shaking phenotype. Dorsal view.

Video 6: ‘SMBA-IMG\_3779.MOV’: Off-tet male 1 showing shaking phenotype. Ventral view

Video 7: ‘SMTB-IMG\_3785.MOV’: Off-tet male 2 showing shaking phenotype. Dorsal view.

Video 8: ‘SMBB-IMG\_3784.MOV’: Off-tet male 2 showing shaking phenotype. Ventral view.

Video 9: ‘SFx2-IMG\_3797.MOV’: Two shaking off-tet females. Dorsal view.

Video 10: ‘SFB-IMG\_3795.MOV’: Off-tet female showing shaking phenotype. Ventral view.

Video 11:  ‘SMFT-IMG\_3805.MOV’: Off-tet male and female showing shaking behaviour. Dorsal view.

Video 12:  ‘CollM-IMG\_3799.MOV’: Collection of off-tet males and females showing shaking behaviour.