



ActualTrack™ is a solution that automatically tracks, recognises and analyses the behaviors of experimental animal models from video. It is:

- Validated by behavioral neuroscientists
- Optimised for **Rodent**, **Fly** and **Fish**
- Designed to save you time and money

IMPORT VIDEO

- Accepts all common video file formats with an easy-import tool
- Supports unlimited trials in the same video - both consecutive and parallel

ANALYZE BEHAVIOR

- Designed for all common experimental paradigms
- Single and Multi-subject tracking
- Multi-point tracking
- Manual coding solution to easily score non-automated behaviors

OUTPUT ANALYSIS

- Results in CSV and Microsoft Excel™ format
- Locomotor and zonal statistics including: distances; times; zone entries and exits; velocities and latencies in SI units
- Easily change configurations and re-analyze data
- Statistical analysis of the data collected

WHY ARE WE DIFFERENT?

- Easy-to-use - requires very little configuration
- Reliable - identifying a wide range of behaviors
- Flexible - run the analysis from the lab, office or home
- Batched - queue all your trials, click to analyze and go

PUBLICATIONS

Iqbal, Z., Vandeweyer, G., van der Voet, M., Waryah, A. M., Besseling, J. A., et al. (2013). Homozygous and heterozygous disruptions of *ANK3*: at the crossroads of neurodevelopmental and psychiatric disorders. *Hum. Mol. Genet.*, 22(10), 1960-1970.

Koolen, D. A., Kramer, J. M., Neveling, K., Nillesen, W. M., Moore-Barton H. L., et al. (2012). Mutations in the chromatin modifier gene *KANSL1* cause the 17q21.31 microdeletion syndrome. *Nature Genetics*, 44, 639-641.

Vandewalle, J., Langen, M., Zschätzsch, M., Nijhof, B., Kramer, J.M., et al. (2013). Ubiquitin Ligase HUWE1 Regulates Axon Branching through the Wnt/ β -Catenin Pathway in a *Drosophila* Model for Intellectual Disability. *PLoS ONE*, 8(11), e81791.



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