

Optokinetic Drum

Occasionally mice were assessed for a rudimentary ability to see, using the Optokinetic Drum. The mice were examined on a custom-made optokinetic drum at ~200 lux. There were 3 trials of both clockwise and counter clockwise sessions (30 seconds each) followed by inter-trial intervals (15 seconds). During each trial they were observed for head tracking, or 'reverse' head tracking in albino mice.

This assay was not part of any main pipeline and was only ever performed *ad hoc* when a vision phenotype was suspected. As such, few mice were tested. The diet the mice were fed was pipeline dependent. Age was dependent on the parameters of the secondary testing but it was commonly performed at 15 weeks of age after the eye morphology assay had already been performed.