

Rotarod

At 10 weeks of age, the mice were assessed for motor activity and coordination by rotarod (Bioseb). Three 5 minute trials on a rod constantly accelerating from 4-40rpm are performed with a 15 minute inter-trial interval, and the latency and reason for ending each trial was recorded. The trial was ended when the mouse either fell off the rod, jumped off the rod, performed a passive rotation (the mouse grasped the surface of the rod and rode around the rod instead of walking on it) or when the 5 minutes had elapsed.

This assay was only performed on Pipeline 2 where the mice were fed the Mouse Breeder Diet (5021, Labdiet) from weaning. The rod was covered with Armacell Tubolit ODP Zero 28/9 foam to make it wider and provide more grip for the mice.