

## Prepulse Inhibition (PPI)

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At 11 weeks of age, the mice were assessed for prepulse inhibition of the startle reflex using the acoustic startle chamber apparatus (Med Associates). All pulses consisted of 10ms of white noise. Background noise = 60dB, P1 prepulse = 63dB, P2 prepulse = 66dB, P3 prepulse = 69dB, P4 prepulse = 72dB & startling pulse = 110dB. Prepulse-pulse interval = 50ms. %PPI =  $100 * (ST110 - PP\#) / ST110$ .

When data analysis showed the 4<sup>th</sup> prepulse level to induce startle like responses on its own, it was dropped and we continued testing with the other 3 prepulse levels only.

This assay was only performed on Pipeline 2 where the mice were fed the Mouse Breeder Diet (5021, Labdiet) from weaning.