**Analysis of Cx26 mice**

1. ***Endocochlear potential***

Wild type, n = 8, 104.6 ± 7.2 mV

Cx26, n = 4, 98.5 ± 4.5 mV

No significant difference

1. ***CM***

The CM is quite variable between experiments but data from HomoCx26, hetero, and wild type occupy similar ranges. Fig1A

1. ***DPOAEs***

DPOAEs generated over entire f2 frequency range by wild type mice, but (with the exception of 1 hetero mouse; sensitive to 35 kHz) only up to ~25 kHz by homo and hetero Cx26 mice. At 40/30 ratio only most sensitive wild types sensitive over entire frequency range. No significant difference in sensitivity between homo, hetero and 5 – 20 kHz, homo more sensitive below 5 kHz?

1. ***Caps***

Caps show similar ranges of sensitivity as DPOAEs. Enhanced for > 5 kHz for homo and heterozygotes? Decreased sensitivity for homo and heterozygotes above 15 – 25 kHz.