

<i>Age (months)</i>	<i>Injected cochlea</i>				<i>Non-injected cochlea</i>				Tab
	Average	SD	N_{animal}	n_{slices}	Average	SD	N_{animal}	n_{slices}	le S1:
1	58.9	26.8	4	12	3.48	5.26	4	12	Avera
3	32.5	36.2	3	9	2.01	3.72	3	9	ge
6	46.6	31.3	3	9	1.43	1.90	3	8	share
12	42.4	31.1	6	18	3.30	5.54	6	18	of
24	34.1	31.3	3	9	8.05	14.2	3	9	transd
									uced
									SGN

in percent across cryosections

The share of SGNs expressing f-Chrimson-eYFP expressed as percentage of all parvalbumin-positive SGNs for the injected and non-injected cochlear of the 5 age-groups investigated here. Same data of SGN cell counts as in Figure 1. In general, 3 slices per cochlea were counted (one exception due to technical reasons).

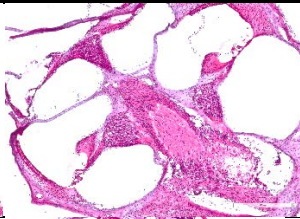
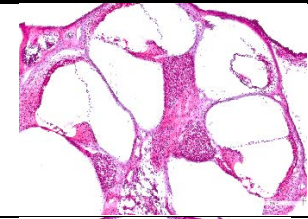
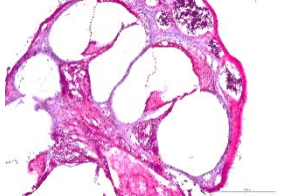
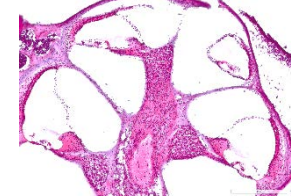
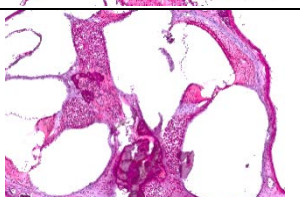
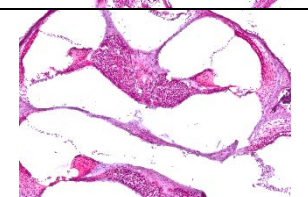
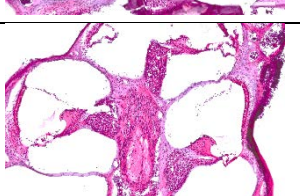
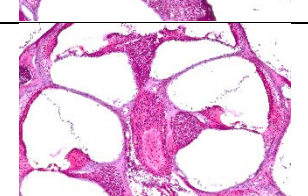
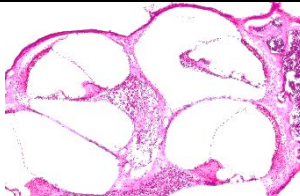
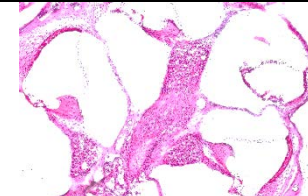
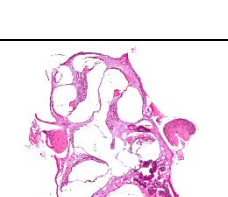
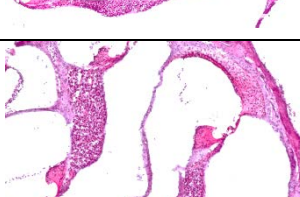
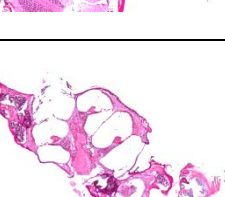
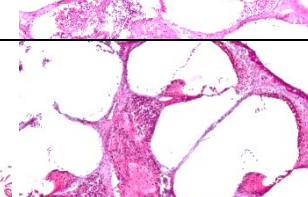
Score	Spiral ganglion (% tissue affected)
0	None
1	<25
2	26-50
3	51-75
4	76-100

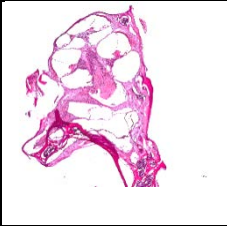
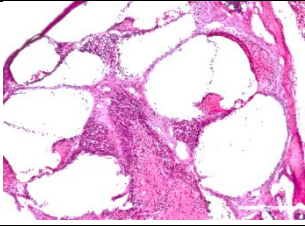
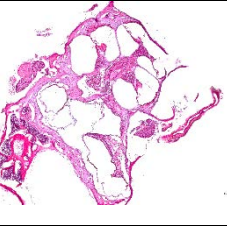
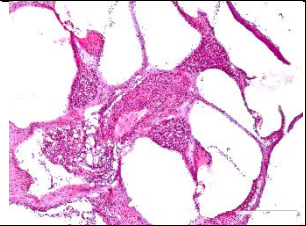
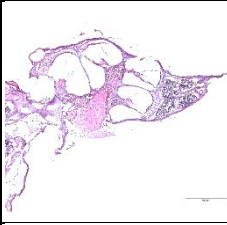
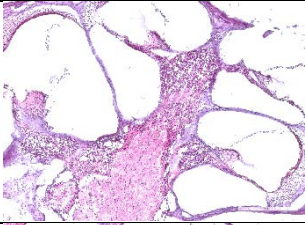
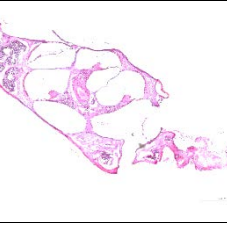
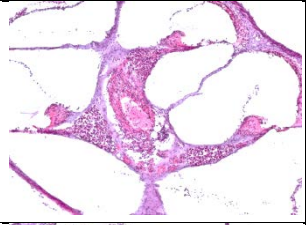
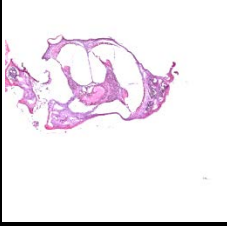
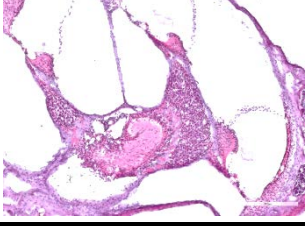
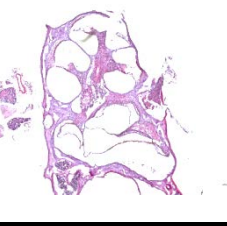
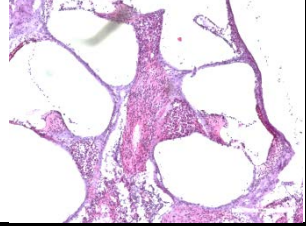
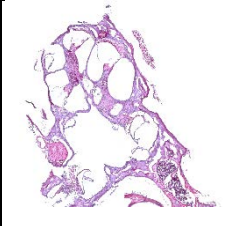
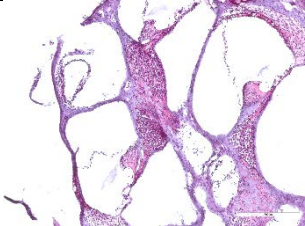
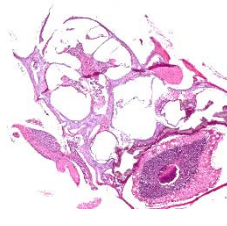
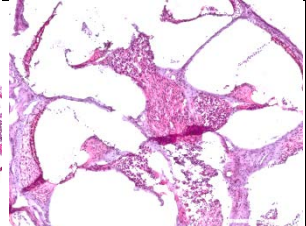
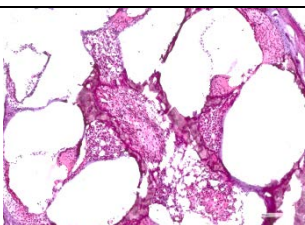
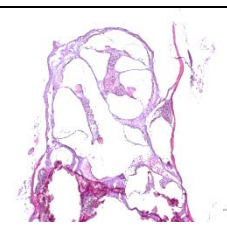
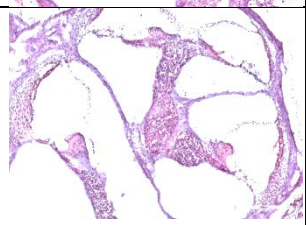
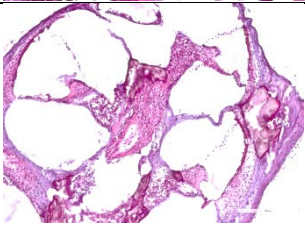
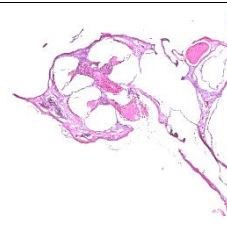
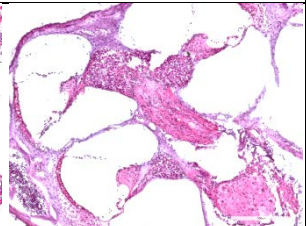
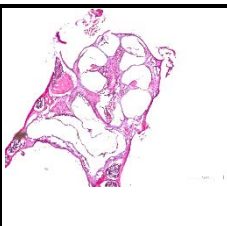
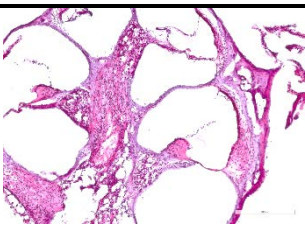
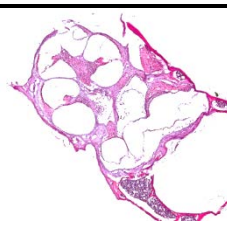
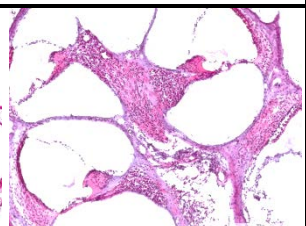
Table S2. Semiquantitative, ordinal scores based on the distribution of the spiral ganglion findings (according to Gibson-Corley et al., 2013)

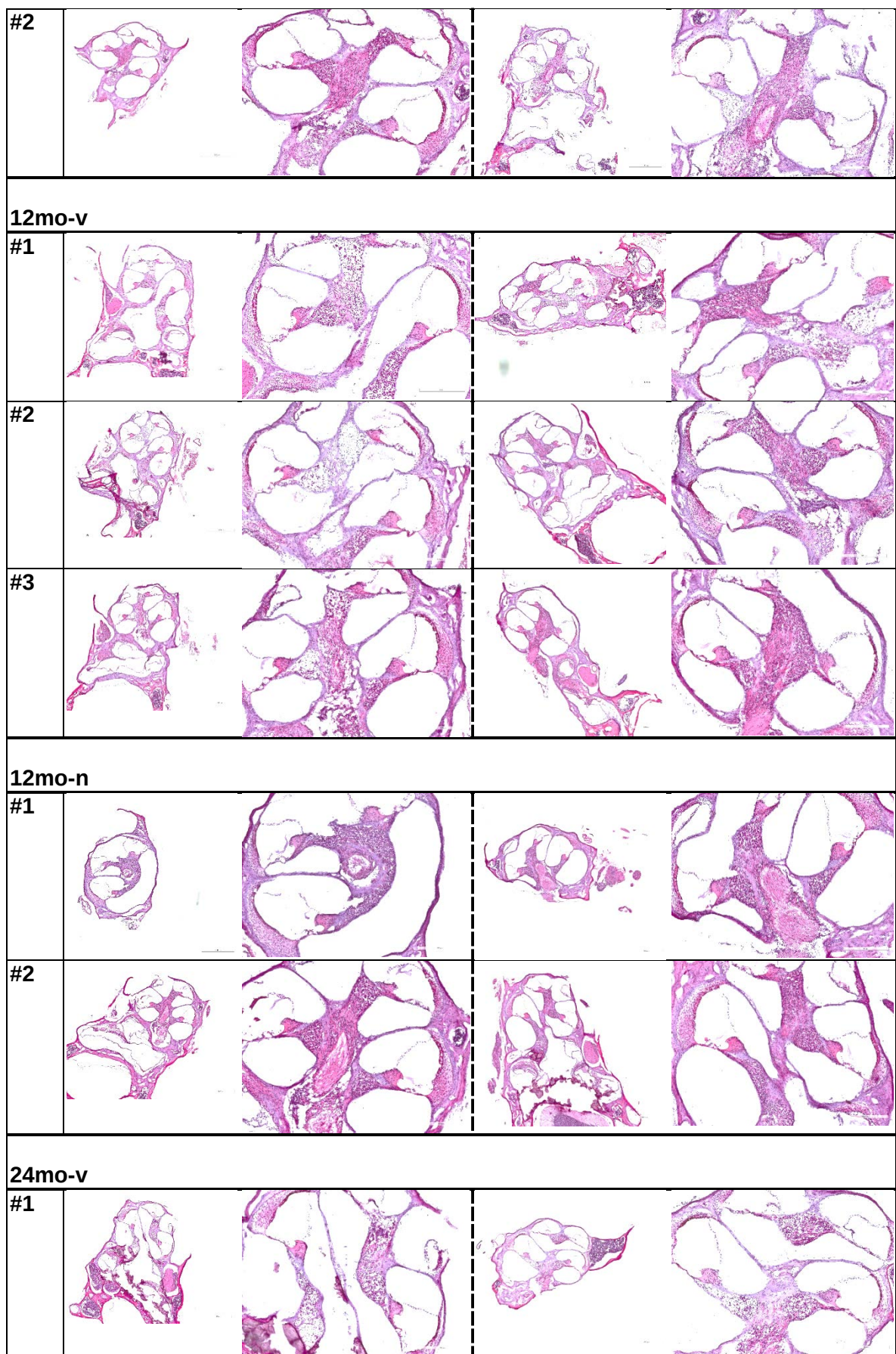
Mouse IDs per group

	1mo-v	3mo-v	3mo-pbs	6mo-v	6mo-n	12mo-v	12mo-n	24mo-v
#1	02330-16	1652079	654877	654918	652865	652278	652987	647605
#2	02331-17	1652080	654878	654919	652866	652279	652991	647606
#3	02332-18	1652081		654920		652280		647607
#4	02333-19							

Cochlea Histology

	injected		not injected	
1mo-v				
#1				
#2				
#3				
#4				
3mo-v				
#1				
#2				

#3				
3mo-PBS				
#1				
#2				
6mo-v				
#1				
#2				
#3				
6mo-n				
#1				



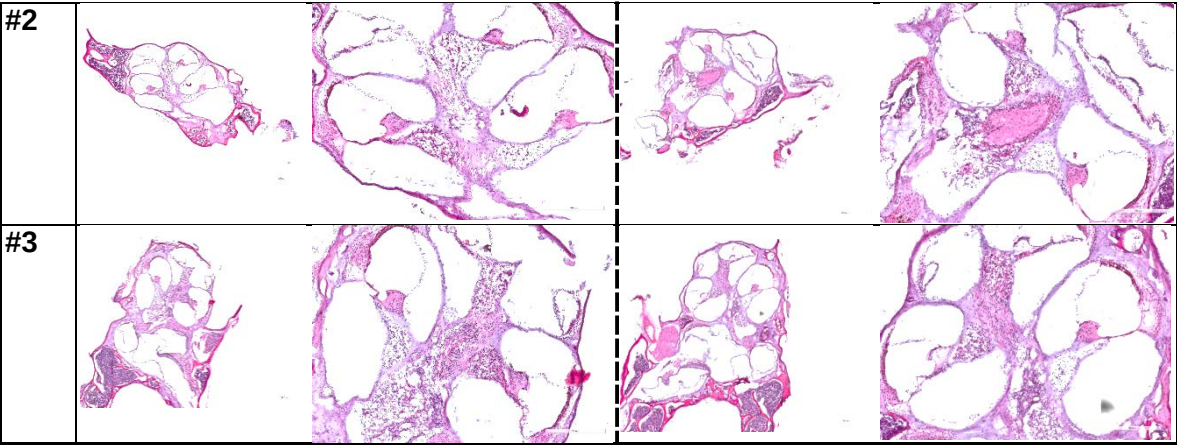


Table S3. Micrographs of HE stained cochleae (injected vs. non-injected side) from all mice analyzed