

Supplementary Table S3. Alpha-diversity indexes of fecal samples from NoTg and 3xTg mice.

F0 at GD18-19			
Index	NoTg-Ctrl	NoTg-Abx	p- value
^a Chao1 index	103.40 ± 49.81	15.50 ± 6.61	0.014
^b Shannon index	0.36 ± 0.36	0.91 ± 0.16	0.014
^b Simpson index	0.92 ± 0.03	0.39 ± 0.08	0.016
	3xTg-Ctrl	3xTg-Abx	
^a Chao1 index	125.63 ± 68.41	12.63 ± 8.14	< 0.001
^b Shannon index	3.85 ± 0.26	0.89 ± 0.40	< 0.001
^b Simpson index	0.96 ± 0.01	0.40 ± 0.15	< 0.001
F1 at PD 30			
	NoTg Ctrl	NoTg Abx	
^a Chao1 index	1055.31 ± 219.18	12.5 ± 2.37	< 0.001
^b Shannon index	4.30 ± 0.22	1.06 ± 0.17	< 0.001
^b Simpson index	0.96 ± 0.01	0.46 ± 0.08	< 0.001
	3xTg Ctrl	3xTg Abx	
^a Chao1 index	98.90 ± 46.29	13.63 ± 1.65	< 0.001
^b Shannon index	3.51 ± 0.69	0.95 ± 0.13	< 0.001
^b Simpson index	0.92 ± 0.09	0.40 ± 0.06	< 0.001
F1 at PD 150			
	NoTg Ctrl	NoTg Abx	
^a Chao1 index	1055 ± 219.18	1018.65 ± 344.21	< 0.001
^b Shannon index	4.30 ± 0.22	3.98 ± 0.54	< 0.001
^b Simpson index	0.96 ± 0.01	0.94 ± 0.05	< 0.001
	3xTg Ctrl	3xTg Abx	
^a Chao1 index	100.22 ± 53.05	31.14 ± 32.86	< 0.001
^b Shannon index	3.47 ± 0.52	1.75 ± 1.24	0.042
^b Simpson index	0.93 ± 0.04	0.59 ± 0.25	0.012

Data shows the Mean ± standard deviation as indicated (see Figs. x and x). The *p*-values were calculated using Mann-Whitney U test comparing data of Ctrl vs. Abx in NoTg and 3xTg mouse in mothers (F0) and offspring (F1). *p* < 0.05 are considered statistically significant.