

S3 Table. Chao1 and Shannon indices of capped datasets from *Chd1* mutant and wild-type samples. Datasets were artificially capped to 100 and 5000 reads, respectively.

		<i>Chao1</i> <i>100seq</i>	<i>Shannon</i> <i>100seq</i>	<i>Chao1</i> <i>5000seq</i>	<i>Shannon</i> <i>5000seq</i>
<i>Chd1</i> ^{WT/WT}	rep1	12.5	1.9	244.12	3.46
	rep2	9.5	1.81	272.38	3.07
	rep3	14.5	2.72	232.72	4.56
	<i>mean</i>	12.17	2.14	249.74	3.70
<i>Chd1</i> ^{-/-}	rep1	8.0	1.58	84.08	2.1
	rep2	7.5	1.05	44.75	1.35
	rep3	6.0	1.14	100.07	1.5
	<i>mean</i>	7.17	1.26	76.3	1.65
	<i>P-value</i>	0.0589	0.0719	0.0016**	0.0268*

*P-value < 0.05 is considered significant