**ParaC genome SNPs 1.** Numbers of mutational and recombinational SNPs per clade within the ParaC Lineage plus Birkenhead

Clade	No. Core SNPs <sup>1</sup>		
	Mutation	Recombination	Total
PC-1	4,001	57	4,058
PC-2	1,651	72	1,723
Modern Paratyphi C	5,652	129	5,781
(w/o Ragna)			
Paratyphi C	6,327	132	6,459
(including Ragna)			
Ragna	263	5	268
Paratyphi C & Typhisuis	11,891	219	12,110
Choleraesuis var.	2,799	934	3,733
Kunzendorf			
Choleraesuis sensu	1,207	90	1,297
stricto			
Choleraesuis	7,246	1,373	8,619
Paratyphi C, Typhisuis	20,247	1,602	21,849
& Choleraesuis			
Para C Lineage	-	-	37,971
Para C Lineage plus	-	-	62,868
Birkenhead			
S. enterica subsp. I	-	-	711,009

<sup>&</sup>lt;sup>1</sup>SNPs (ParaC genome SNPs 2) were extracted from core genomic regions in the Para C Lineage except for *S. enterica* subsp. I, where they correspond to all SNPs within the concatenated core genes. SNPs that were brought in by recombination after the MRCA of Paratyphi C, Typhisuis & Choleraesuis were identified by RECHMM and excluded for downstream analyses.

Note that this table counts the total number of events, and thus homoplastic SNPs were counted multiple times. Number of events per SNP sites that are leading to Paratyphi C, Choleraesuis and Typhsuis are summarized in "Para C genome SNPs 1".