Table S4. Pathogenicity Islands in Shigella flexneri genomes.

Pathogenicity	· · · · ·											
Island		1c	5b	2a				1 a	4c	Y	Yv	Xv
		Position in Y394	8401	NCTC1	301	2457T	981	228	1205	2003036	Shi06HN006	2002017
SHI-O	Serotype Conversion											
a. <i>gtr</i> gene cluster-1 (<i>gtrI</i>)	Glucosylation	312,950-326,984	Present	Present	Present	Present	Present	Present	Present	Absent	Absent	Present
b. <i>oacB</i> gene	O-acetylation	325,007-326,179	Present	Present	Present	Present	Present	Present	Present	Absent	Present	Present
c. <i>gtr</i> gene cluster-2 (<i>gtrIC</i>)	Glucosylation	2,312,600-2,332,534	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
SHI-1 (shePAI)	Virulence (Fluid accumulation)	Absent	Absent	Absent	Present	Present	Present	Present	Present	Present	Present	Present
SHI-2	Iron acquisition	3,780,936-3,804,736	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
<i>ipaH</i> Island 1	Virulence	765,178-789,980	Present	Absent	Present	Present	Present	Present	Present	Present	Present	Present