

Table S1: Antigenic formulas, STs and frequencies of serovars.

Serovar	O antigen*	H antigen		ST (number of isolates)	eBG (number of isolates)	Frequency** (1996-2006)
		Phase 1	Phase 2			
Abortusequi	4,12	-	e,n,x	251 (7)	18 (7)	1
Arechavaleta	4,[5],12	a	1,7	238 (1), 419 (3), 420 (1), 421 (1), 1063 (1)	51 (4), 21 (1)	171
Bispebjerg	<u>1</u> ,4,[5],12	a	e,n,x	422 (7), 257 (1)	18 (8)	7
Fulica	4,[5],12	a	[1,5]	256 (1)	74 (1)	2
Hessarek	4,12,[27]	a	1,5	255 (1), 418 (1)	74 (1)	54
Kisangani	<u>1</u> ,4,[5],12	a	1,2	254 (1)	-	29
4,12:a:- isolates	4,12	a	-	416 (20),417 (1)	18 (21)	0
Tinda	<u>1</u> ,4,12,27	a	e,n,z ₁₅	258 (1)	-	0

*Square parentheses indicate variable epitopes which can but do not have to be present in each strain of the serovar. Underlined O factors are determined by phage conversion and are present only if the culture is lysogenized by the corresponding converting phage.

**Frequency of serovars among 434,344 isolates from infections in the U.S.A. and 36,466 isolates from France. Data obtained from <http://www.cdc.gov/ncidod/dbmd/phlisdata/salmonella.htm> and internal records at the French National Reference Center for Salmonella, Institut Pasteur.