Table S1. Typing results of the 59 *fljB*-positive *Salmonella* 1,4,[5],12:i:- isolates collected during the period 2008-2011 in Belgium.

Isolate	Year	Antigenic formula[1]	Origin	Summarized PCR profile	Detailed PCR profile[2]	MLVA profile (STTR9-STTR5-STTR6-STTR10-STTR3)[3]
VAR-2008/08216/1	2008	4:i:-	Pig	Amplification of both left and right transposon junctions	TLJ, TRJ	3-13-10-NA-0211
VAR-2008/08218/1						
VAR-2008/09601/1						
VAR-2008/10234/1						
VAR-2008/10564/1						
VAR-2008/11470/1						
VAR-2008/16823/1						
IPH-08-4717			Pork			
VAR-2009/02884/1	2009	4:i:-	Pig			
VAR-2009/10335/1						
VAR-2010/20086/1	2010	4:i:-	Pig			
VAR-2011/15490/1	2011	4:i:-	Pig			
VAR-2011/17532/1						
IPH-08-5428	2008	4,5:i:-	Pork			3-13-10-NA-0111
IPH-08-5430		4:i:-				
VAR-2009/01009/1	2009	4:i:-	Pig			
VAR-2009/01010/1						
VAR-2010/11060/1	2010	4:i:-	Pig			
IPH-08-1732	2008	4,5:i:-	Meat unspecified			3-13-9-NA-0211
IPH-10-5565	2010	4,5:i:-	Human			
VAR-2011/12484/1	2011	4:i:-	Pig			
IPH-08-5310	2008	4,5:i:-	Pork			3-14-7-NA-0211
IPH-08-5311						
IPH-08-5312						
VAR-2011/18250/1	2011	4:i:-	Pig			3-9-9-NA-0211
VAR-2010/11079/1	2010	4,5:i:-	Pig			3-11-9-NA-0211

Isolate	Year	Antigenic formula[1]	Origin	Summarized PCR profile	Detailed PCR profile[2]	MLVA profile (STTR9-STTR5-STTR6-STTR10-STTR3)[3]
VAR-2011/23127/1	2011	4:i:-	Poultry			3-11-10-NA-0211
VAR-2011/22741/1	2011	4:i:-	Pig			3-12-10-NA-0211
VAR-2011/17584/1	2011	4:i:-	Pig			3-14-9-NA-0211
IPH-08-5402	2008	4:i:-	Pork			3-15-10-NA-0211
VAR-2009/08643/1	2009	4,5:i:-	Pig			3-15-7-NA-0211
VAR-2008/08748/3	2008	4:i:-	Pig	Amplification of the left IS*26* element of the inserted transposon	TLJ, IS*26*RJ	3-13-10-NA-0211
IPH-08-5323			Pork			
VAR-2009/00720/1	2009	4:i:-	Pig			3-13-9-NA-0211
VAR-2011/13107/2	2011	4:i:-	Pig			3-14-10-NA-0211
VAR-2011/23960/1	2011	4:i:-	Pig		TLJ	3-12-11-NA-0211
VAR-2011/16678/1	2011	4:i:-	Pig			3-13-11-NA-0211
VAR-2010/16453/1	2010	4:i:-	Pig		TLJ, TRJ*	3-11-10-NA-0211
VAR-2009/08608/1	2009	4:i:-	Pig			3-11-11-NA-0211
IPH-1105-2010-00288	2010	4:i:-	Pork		IS*26*LJ, TRJ	3-13-10-NA-0211
VAR-2008/12224/1	2008	4:i:-	Pig			3-14-10-NA-0211
IPH-10-5225	2010	4,5:i:-	Pork		IS*26*LJ	3-14-9-NA-0211
VAR-2009/08645/1	2009	4,5:i:-	Pig		IS*26*LJ*, TRJ	3-14-7-NA-0211
IPH-08-2271	2008	4,5:i:-	Pork	Insertion of a single IS*26* copy with a deletion	IS*26***	3-14-10-NA-0211
IPH-11-2174	2011	4,5:i:-	Human			
VAR-2008/14672/1	2008	4,5:i:-	Pig		IS*26****	3-12-7-NA-0211
IPH-08-2445	2008	4,5:i:-	Pork	No part of Invertible H Segment amplified	IHS*, TRJ	3-13-9-NA-0211
IPH-08-2448						
IPH-10-5080	2010	4,5:i:-	Human		IHS*, IS*26*RJ	3-12-11-NA-0211
IPH-11-3804	2011	4,5:i:-	Human		IHS*	3-11-12-NA-0211
VAR-2011/21815/1	2011	4,5:i:-	Pig			3-12-9-NA-0211
VAR-2008/13601/1	2008	4:i:-	Pig		IHS*, TRJ**	3-12-10-NA-0211
VAR-2009/08832/1	2009	4,5:i:-	Pig	Partial Invertible H Segment containing *hixR* and a portion of *hin*	IHS**, TRJ	3-12-10-NA-0211

Isolate	Year	Antigenic formula[1]	Origin	Summarized PCR profile	Detailed PCR profile[2]	MLVA profile (STTR9-STTR5-STTR6-STTR10-STTR3)[3]
VAR-2011/13107/1	2011	4,5:i:-	Pig	Partial Invertible H Segment containing *hixL*, the promoter of *fljB* and a portion of *hin*	IHS***, TLJ*, IS*26*RJ	3-11-9-NA-0211
VAR-2009/09955/2	2009	4:i:-	Pig		IHS***, TRJ	3-13-9-NA-0211
IPH-11-0277	2011	4,5:i:-	Pork	Entire Invertible H Segment	IHS	3-14-10-NA-0311
IPH-11-0690			Human			
VAR-2009/09272/1	2009	4,5:i:-	Poultry			3-16-12-NA-0311
VAR-2010/17042/1	2010	4,5:i:-	Pig			3-17-11-NA-0211

[1] O antigens 1 and 12 not assayed in this work. [2] List of the PCR products amplified with the assays described in M&M for each of the 59 STMV *fljB*$^{+}$ strain tested. IHS, entire Invertible H Segment; IHS*, no part of Invertible H Segment amplified; IHS**, partial Invertible H Segment containing just *hixR* and a portion of *hin* ;IHS***, partial Invertible H Segment containing just *hixL*, the promoter of *fljB* and a portion of *hin*; TLJ, 1-kb Transposon Left Junction; TLJ*, atypical 0.9kb PCR product; TRJ, 1.2-kb Transposon Right Junction; TRJ*, atypical 1.3-kb PCR product including a duplicated intergenic *hin-iroB* portion; TRJ**, atypical 1.0 kb PCR product; IS*26*LJ, 0.6-kb IS*26* Left Junction; ; IS*26*RJ, 0.5-kb IS*26* Right Junction; IS*26*LJ*, atypical 1-kb PCR product including partial IS*26* duplication as determined by sequencing (KJ999733); IS*26***, 0.9-kb PCR product corresponding to a single IS*26* insertion together with a 536-bp deletion of the *fljB* promoter region as determined by sequencing (KJ999729 and KJ999730); IS*26****, 1-kb PCR product corresponding to a single IS*26* insertion together with a 482-bp deletion of the *fljB* promoter region as determined by sequencing (KJ999731). [3] According to Larsson et al. (Larsson, J. T. et al. 2009. Euro Surveill 14:19174).

Table S2. Primers used to join contigs by PCR reactions and assemble the 83,173-bp chromosome region of *Salmonella* strain VAR-2009/08643/1 covering the *fljBA* operon and the 26-kb transposon.

Primer pairs	**Amplicon size**
BG1239 (5'-CGTATTACCGGCGAGTCGGGTCT-3') BG1234 (5'-TATCACCGTCGGTACTGATCCCGTCA-3')	1.0kb
BG1233 (5'-TGATGTGTTCCCAGGGGATAGGAGA-3') BG1217 (5'-TGCACAGATGGCGGACGCAT-3')	1.0kb
BG1216 (5'-GCAATCTGTGCGGCCAGT-3') BG1215 (5'-ATACAGGCGTGTGGCATAAATAAACCGA-3')	1.0kb
BG1259 (5'-CGTGAAATCCCTATAAGGTGCACGGT-3') BG1260 (5'-AGTTCAATATCAAAGCCATGTGCCGTGT-3')	0.9kb
BG1240 (5'-CGCCGAACATAATCACTGCGGCAT-3') BG1220 (5'-ATTGCCGTGAACGCCCCTGACA-3')	0.9kb
BG1235 (5'-GCAATGCGTGTCATCAGTCCCATGA-3') BG1236 (5'-ACCTGACGGTGCTGGAACCCTA-3')	0.6kb
BG1261 (5'-TTCCTGCCCGTTGATCGCGTCACT-3') BG1262 (5'-TCAATTTGCTGACAATGGCGTTTACCT-3')	1.1kb
BG1263 (5'-ACGCGTGCGGCTGAAGTTTTACAT-3') BG1264 (5'-AACCTTTGCCAATCAAGCCTCCT-3')	1.5kb
BG1232 (5'-TGGCGGGAAATGCGTGTTTACA-3') BG1218 (5'-CAAGGTAACGGGAAACGTAGGGAGT-3')	1.2kb