## Schmallenberg Virus Recurrence, Germany, 2014

## **Technical Appendix**

	1		200	4	00	600		830		1	250	500	750	1.	,000	1,250	1,500	1,750	2,000	2,250	2,500	2,750	3,000	3,250	3,500	3,750	4,000	4,212
BH80/11-4;	1		200	4	00	600		830	BH80/11-	1	250	500	75	1,	,000	1,250	1,500	1,750	2,000	2,250	2,500	2,750	3,000	3,250	3,500	3,750		4,212
BH619/12									BH619/12					1						1.1					1	-		
BH652/12									BH652/12					1														
D495/12-1							1		D495/12-		_			1		_			- 1				1					
BH119/14-1/2									BH119/14	1-1/2	1		- 1	1							- 1							
BH119/14-3/4									BH119/14	1-3/4	1			1	1 1							1						
BH132/14									BH132/14	• =	1			1								1			1			
1		250	500	750	1,000	1,250	1,500	1,750	2,000	2,250	2,500	2,750	3,000	3,250 3,250	3,500 3,500	3,750	4,000	4,250	4,500	4,750 4,750	5,000	5,250 5,250	5,500	5,750 5,750	6,000 6,000		6,500	6,870
BH80/11-4;		200	500	150	1,000	1,200	1,500	1,750	2,000	2,200	2,300	2,750	3,000	3,230	3,500	5,150	4,000	4,200	4,000	4,700	0,000	5,200	5,500	3,750	0,000	6,250	6,500	0,004
BH619/12										1	1	1												1				
BH652/12	-									1	1	I						1										
D495/12-1										1																		
BH119/14-1/2					1					<u> </u>					1													
BH119/14-3/4					1					<u> </u>																		
BH132/14					1					1 1									_									

**Technical Appendix Figure.** Comparison of the S- (upper left image), M- (top right), and L-segment sequences (bottom) of SBVs isolated in 2012 from the blood of viremic ruminants or detected in 2014 in acutely infected adult cattle with the first SBV isolate from 2011 (shaded in yellow) in Germany; nucleotide (upper gray bar alongside the name of each isolate) and amino acid (lower gray bar) substitutions are highlighted as vertical black lines. L, large; M, medium; S, small; SBV, Schmallenberg virus.