

(A)

Strain	Haplotype	Strain		CL Brener															
		Class	ID	Esm-like		Esm-like		Non-Esm		Non-Esm		Esm-like		Non-Esm		Esm-like		Non-Esm	
				δ-amastin	δ-amastin	δ-amastin	δ-amastin	δ-amastin	δ-amastin	δ-Ama40	δ-Ama50	β1-amastin	β1-amastin	β2-amastin	β2-amastin				
Tc00.1047053507485.130	Tc00.1047053507485.150	Tc00.1047053507739.120	Tc00.1047053506437.10	Tc00.1047053506437.30	Tc00.1047053509289.10	Tc00.1047053511071.40	Tc00.1047053511903.50	Tc00.1047053509965.390	Tc00.1047053509051.20	Tc00.1047053509965.394	Tc00.1047053511497.19								
CL Brener	Esm-like	δ-amastin	Tc00.1047053507485.130																
CL Brener	Esm-like	δ-amastin	Tc00.1047053507485.150	100															
CL Brener	Esm-like	δ-amastin	Tc00.1047053507739.120	86	86														
CL Brener	Non-Esm	δ-amastin	Tc00.1047053506437.10	85	85	95													
CL Brener	Non-Esm	δ-amastin	Tc00.1047053506437.30	85	85	99	95												
CL Brener	Non-Esm	δ-amastin	Tc00.1047053509289.10	85	85	98	95	98											
CL Brener	Esm-like	δ-Ama40	Tc00.1047053511071.40	48	48	49	50	50	50	50									
CL Brener	Non-Esm	δ-Ama50	Tc00.1047053511903.50	50	50	51	51	51	51	51	87								
CL Brener	Esm-like	β1-amastin	Tc00.1047053509965.390	18	18	22	22	22	22	15	20								
CL Brener	Non-Esm	β1-amastin	Tc00.1047053509051.20	18	18	21	21	21	21	15	21	97							
CL Brener	Esm-like	β2-amastin	Tc00.1047053509965.394	35	35	31	32	32	32	27	28	25	25						
CL Brener	Non-Esm	β2-amastin	Tc00.1047053511497.19	32	32	31	32	32	32	21	20	17	18	93					

Strain	Haplotype	Strain		Sylvio				Esm		Esm		Esm		Esm	
		Class	ID	δ-amastin		β1-amastin		δ-amastin		δ-amastin		β1-amastin		β2-amastin	
				sylviocontig_7286	Sylvio-pDelta	sylviocontig_527	sylviocontig_527	scf7180000307809	scf7180000307960	scf7180000308152	scf7180000308152				
CL Brener	Esm-like	δ-amastin	Tc00.1047053507485.130	83	51	18	34	86	48	18	34				
CL Brener	Esm-like	δ-amastin	Tc00.1047053507485.150	83	51	18	34	86	48	18	34				
CL Brener	Esm-like	δ-amastin	Tc00.1047053507739.120	91	51	24	31	85	48	22	31				
CL Brener	Non-Esm	δ-amastin	Tc00.1047053506437.10	92	50	24	31	88	48	24	31				
CL Brener	Non-Esm	δ-amastin	Tc00.1047053506437.30	90	52	24	31	85	49	22	31				
CL Brener	Non-Esm	δ-amastin	Tc00.1047053509289.10	91	52	21	31	85	49	22	31				
CL Brener	Esm-like	δ-Ama40	Tc00.1047053511071.40	49	86	15	25	50	96	15	27				
CL Brener	Non-Esm	δ-Ama50	Tc00.1047053511903.50	50	90	21	25	50	87	20	27				
CL Brener	Esm-like	β1-amastin	Tc00.1047053509965.390	20	19	95	26	21	11	89	25				
CL Brener	Non-Esm	β1-amastin	Tc00.1047053509051.20	20	19	98	28	24	11	97	25				
CL Brener	Esm-like	β2-amastin	Tc00.1047053509965.394	31	22	25	89	31	28	26	99				
CL Brener	Non-Esm	β2-amastin	Tc00.1047053511497.19	30	19	18	94	31	22	18	94				

(B)



