

Table S4. Results of Templeton (T) and Kishino-Hasegawa (K-H) tests for conflict among phylogenetic topologies of the gene genealogies at each locus. Numbers listed are the T and K-H probabilities of rejecting the null hypothesis that there is no difference between the maximum parsimony tree topology of a given locus (columns) and its data constrained by the maximum parsimony topology of each of the other seven loci. *p* values ≤0.05 are in **bold**.

Locus	CAP59		GPD1		IGS1		LAC1		PLB1		SOD1		TEF1		URA5	
	T	K-H	T	K-H	T	K-H	T	K-H	T	K-H	T	K-H	T	K-H	T	K-H
A. Results when the calculations included data from both African (VNB+VNI-Botswana) and global (VNI+VNII) strains																
CAP59	-	-	0.007	0.02	0.0009	0.0007	0.007	0.01	0.04	0.06	0.0004	0.0003	0.005	0.03	<0.0001	<0.0001
GPD1	0.07	0.07	-	-	0.0009	0.0007	0.007	0.02	0.04	0.04	0.0004	0.001	0.01	0.04	<0.0001	<0.0001
IGS1	0.04	0.05	0.003	0.01	-	-	0.03	0.03	0.06	0.04	0.0004	0.0003	0.005	0.03	<0.0001	<0.0001
LAC1	0.04	0.07	0.003	0.01	0.002	0.002	-	-	0.04	0.04	0.0004	0.0003	0.005	0.02	<0.0001	<0.0001
PLB1	0.04	0.11	0.003	0.01	0.0009	0.002	0.007	0.01	-	-	0.02	0.02	0.005	0.03	<0.0001	<0.0001
SOD1	0.04	0.05	0.005	0.02	0.0009	0.005	0.007	0.01	0.1	0.12	-	-	0.01	0.08	<0.0001	<0.0001
TEF1	0.04	0.05	0.005	0.03	0.0009	0.002	0.007	0	0.04	0.06	0.0004	0.0003	-	-	<0.0001	<0.0001
URA5	0.04	0.06	0.01	0.04	0.0009	0.004	0.01	0.02	0.1	0.11	0.02	0.04	0.005	0.05	-	-
B. Results when the calculations included data only from global (VNI+VNII) strains																
CAP59	-	-	0.1	0.07	0.005	0.005	0.07	0.08	0.3	0.3	0.08	0.08	0.2	0.2	0.3	0.3
GPD1	0.3	0.3	-	-	0.005	0.002	0.07	0.07	0.2	0.2	1	1	0.2	0.2	0.3	0.3
IGS1	0.3	0.3	0.06	0.1	-	-	0.07	0.06	0.2	0.2	0.08	0.08	0.2	0.2	0.3	0.3
LAC1	0.3	0.3	0.06	0.1	0.004	0.002	-	-	0.2	0.2	0.08	0.08	0.2	0.2	0.3	0.3
PLB1	1	1	0.06	0.1	0.005	0.005	0.07	0.08	-	-	0.08	0.08	0.2	0.2	0.3	0.3
SOD1	0.3	0.3	0.1	0.1	0.005	0.01	0.07	0.07	0.2	0.2	-	-	0.2	0.2	0.3	0.3
TEF1	0.3	0.3	0.07	0.1	0.005	0.005	0.07	0.04	0.2	0.2	0.08	0.08	-	-	0.3	0.3
URA5	0.3	0.3	0.07	0.1	0.005	0.006	0.06	0.06	0.2	0.2	0.08	0.08	0.2	0.2	-	-