

(B) Succinct tree sequence

Nodes			Edges					Site	Mutations					
	Node ID	Age	Genome start	Genome end	Parent	Child	Site	D Positic	n Ancestra	Mutation ID	Site	Node	Derived	Age
	A	T ₀		2	X	A	0	G_0	G		2	A	A	T _{VI}
	В	T ₀	0	1	K	В	1	G_1		1	4	R	C	T_{VIII}
	C	T_0		1	K	C	2	G_2	G	2	6	P	A	T_{IV}
	D	T_0	0	2	X	R	3	G ₃	G	3	9	D	A	T_{II}
	K	T_{II}		1	R	D	4	G ₄		4	11	A	T	T _I
	P	T _{III}												
	R	T _V		3	R	В	6	G ₆	G					
	W	T_{VII}	1	3	R	P	7	G ₇	T					
	X	T_{IX}		3	P	C	8	G ₈	A					
				3										
			2	3	W	A	1(G ₁	o A					
			2	3	V	R	1 -	G ₁	1					

(C) Genotype matrix

Site ID O 1 2 3 4 5 6 7 8 9 10 11 A G T A G T C G T A T A T B G T G G C C G T A T A C C G T G G C C A T A A A C D G T G G C C A T A A A C