

(B) Succinct tree sequence

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Nodes				Sites			Mutations							
	Node ID	Age	Genome start	Genome end	Parent	Child	Site ID	Position	Ancestral	Mutation ID	Site	Node	Derived	Age
	A	T ₀		2	X	A	0	S ₀	G		2	A	A	T _{VI}
	В	T ₀	0	1	K	В	1	S ₁		1	4	R	C	T_{VIII}
	C	T ₀	0	1	K	C	2	S ₂	G	2	6	P	A	T_{IV}
		T ₀		2	X	R	3	S ₃	G	3	9	D	A	T _{II}
	K	T_{II}	0	1	R	D	4	S ₄		4	11	A	T	T _I
	P	T_{III}	0											
	R	T		3	R	В	6	S ₆	G					
			1											
	X	T_{IX}	1	3	P	C	8	S ₈	A					
				3										
			2	3	V	A	10	S ₁₀	A					
			2	3	V	R	11	S ₁₁						

(C) Genotype matrix

Site ID												
	0	1	2	3	4	5	6	7	8		10	11
	G			G		C	G	T	A	T	A	
3	G		G	G			G		A		A	
	G		G	G			A		A	T	A	C
	G	T	G	G		C	A		A		A	