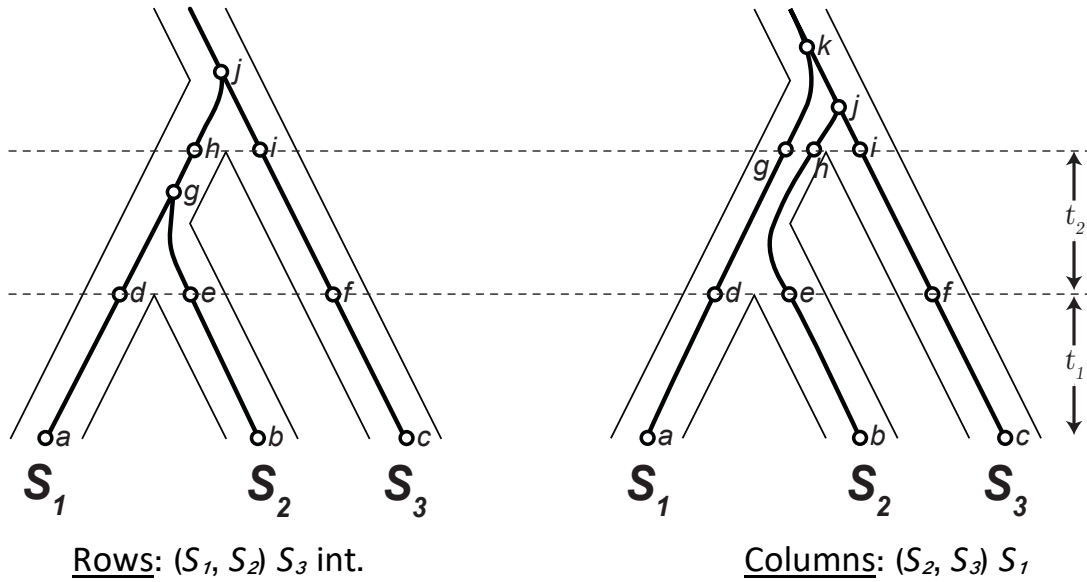
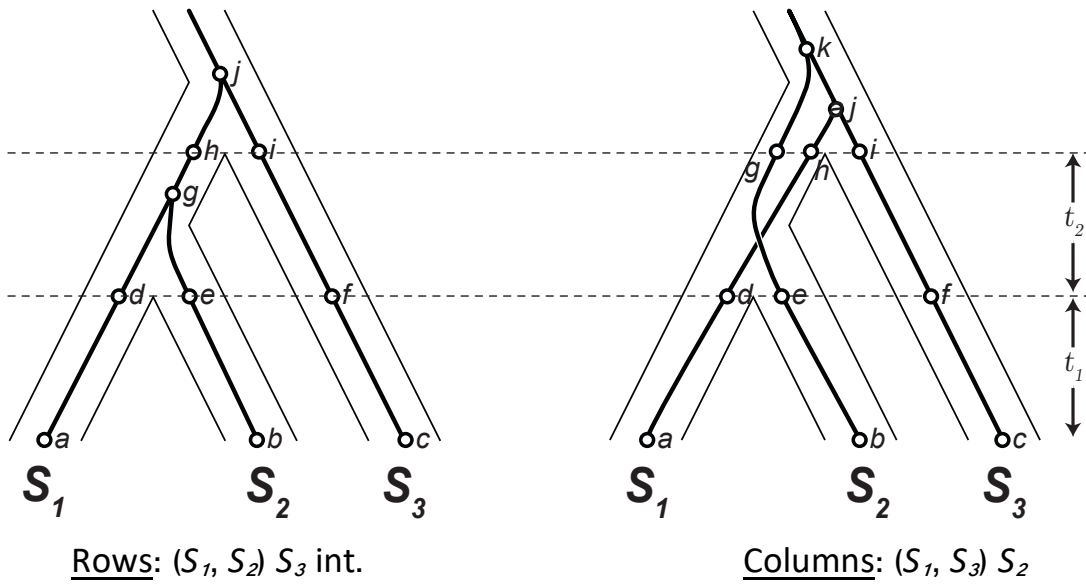


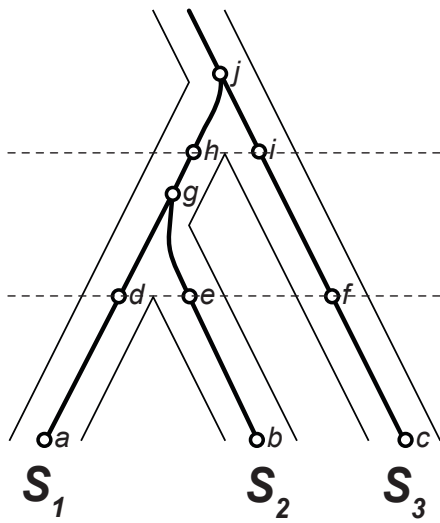
## Appendix 2. Incompatibility Matrices with incompatibilities allowed to arise in the same population



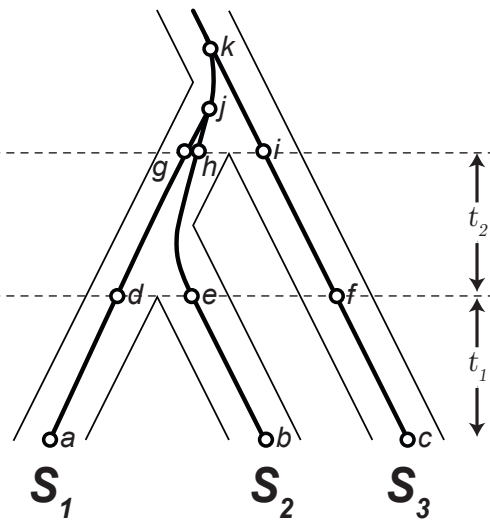
		S <sub>1</sub> derived			S <sub>2</sub> derived			S <sub>3</sub> derived			S <sub>2, S<sub>3</sub></sub> derived
		ad	dg	gk	be	eh	hj	cf	fi	ij	jk
S <sub>1</sub> derived	ad	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>
	dg	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>
S <sub>2</sub> derived	be	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
	eg	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
S <sub>3</sub> derived	cf	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>
	fi	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>
	ij	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> <b>A<sub>1</sub> order</b>
S <sub>1, S<sub>2</sub></sub> derived	gh	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> <b>A<sub>2</sub> order</b>	-	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>2</sub> order</b>	-	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	-
	hj	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> <b>A<sub>3</sub> order</b>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>4</sub> order</b>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	-



		S <sub>1</sub> derived			S <sub>2</sub> derived			S <sub>3</sub> derived			S <sub>1, S<sub>3</sub></sub> derived
		ad	dh	hj	be	eg	gk	cf	fi	ij	jk
S <sub>1</sub> derived	ad	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
	dg	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
S <sub>2</sub> derived	be	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>
	eg	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>
S <sub>3</sub> derived	cf	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
	fi	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
	ij	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>1</sub> order</b>
S <sub>1, S<sub>2</sub></sub> derived	gh	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> <b>A<sub>2</sub> order</b>	-	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>2</sub> order</b>	-	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	-
	hj	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> <sup>d</sup> <b>A<sub>4</sub> order</b>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>3</sub> order</b>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	-

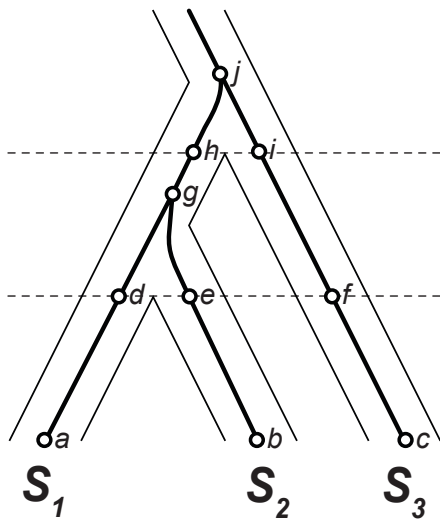


Rows:  $(S_1, S_2) S_3$  int.

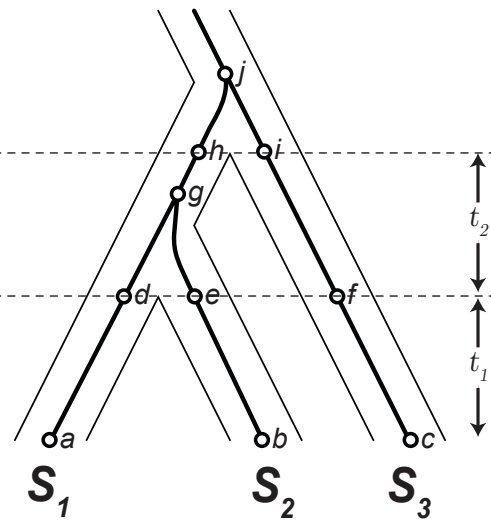


Columns:  $(S_1, S_2) S_3$  anc.

		S <sub>1</sub> derived			S <sub>2</sub> derived			S <sub>3</sub> derived			S <sub>1, S<sub>2</sub></sub> derived
		ad	dg	gj	be	eh	hj	cf	fi	ik	jk
S <sub>1</sub> derived	ad	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>
	dg	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>
S <sub>2</sub> derived	be	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
	eg	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
S <sub>3</sub> derived	cf	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>
	fi	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>
	ij	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>
S <sub>1, S<sub>2</sub></sub> derived	gh	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> <b>A<sub>2</sub> order</b>	-	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>2</sub> order</b>	-	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>
	hj	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> <b>A<sub>4</sub> order</b>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>4</sub> order</b>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>

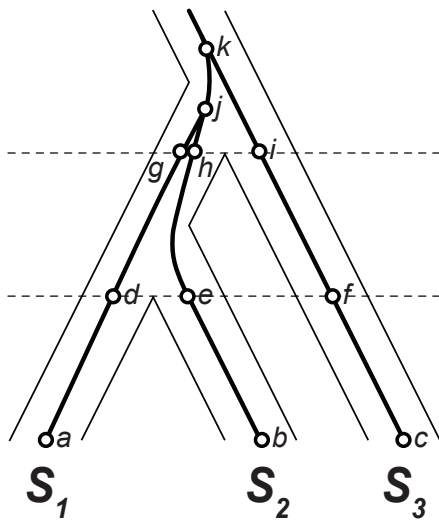


Rows: ( $S_1, S_2$ )  $S_3$  int.

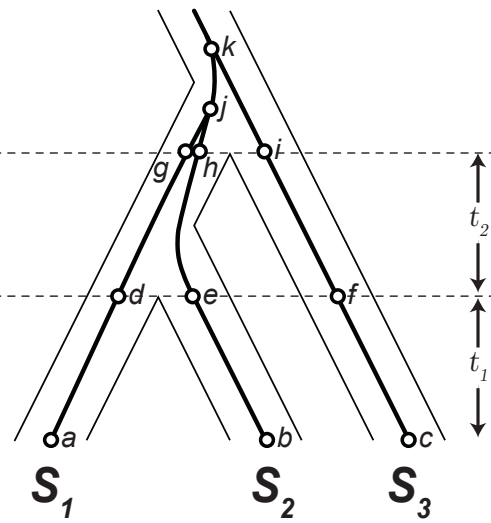


Columns: ( $S_1, S_2$ )  $S_3$  int.

		S <sub>1</sub> derived		S <sub>2</sub> derived		S <sub>3</sub> derived			S <sub>1, S<sub>2</sub></sub> derived	
		ad	dg	be	eg	cf	fi	ij	gh	hj
S <sub>1</sub> derived	ad	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>
	dg	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> <b>A<sub>5</sub> order</b>	S <sub>1</sub> x S <sub>3</sub>
S <sub>2</sub> derived	be	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
	eg	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>5</sub> order</b>	S <sub>2</sub> x S <sub>3</sub>
S <sub>3</sub> derived	cf	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>
	fi	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>
	ij	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>
S <sub>1, S<sub>2</sub></sub> derived	gh	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> <b>A<sub>5</sub> order</b>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>5</sub> order</b>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>
	hj	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>

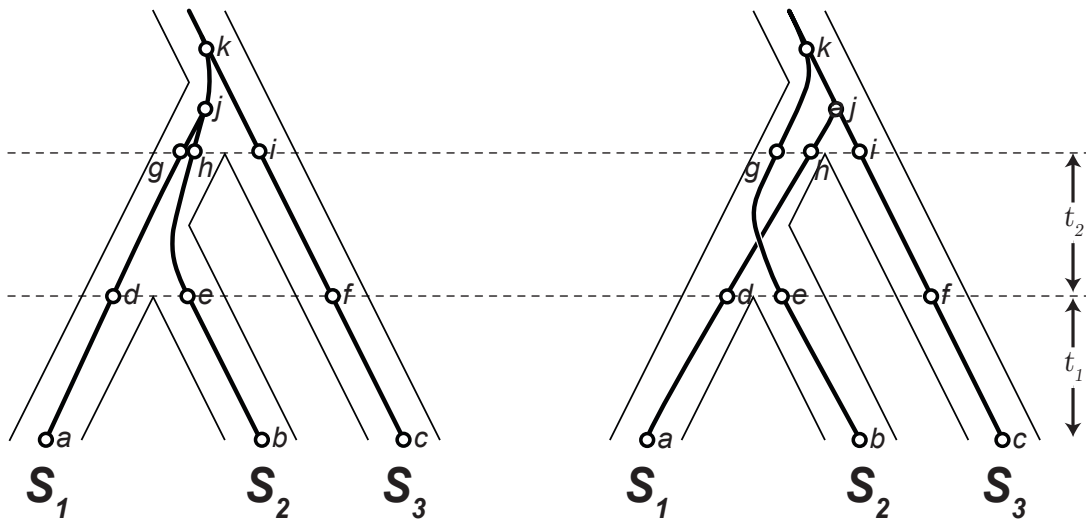


Rows:  $(S_1, S_2) S_3$  anc.



Columns:  $(S_1, S_2) S_3$  anc.

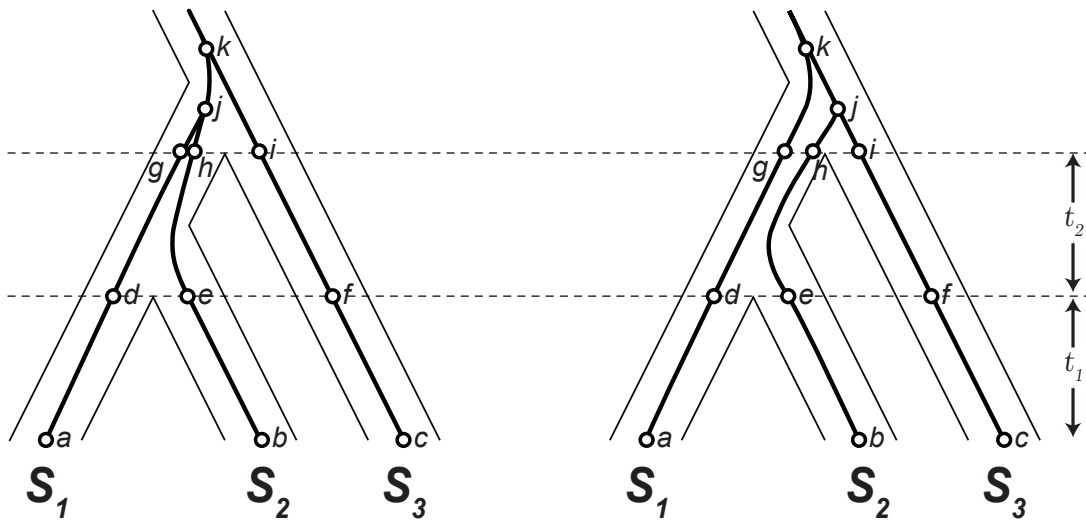
		S <sub>1</sub> derived			S <sub>2</sub> derived			S <sub>3</sub> derived			S <sub>1, S<sub>2</sub></sub> derived
		ad	dg	gj	be	eh	hj	cf	fi	ik	jk
S <sub>1</sub> derived	ad	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>
	dg	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>
	gj	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> <b>A<sub>6</sub> order</b>
S <sub>2</sub> derived	be	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
	eh	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
	hj	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>6</sub> order</b>
S <sub>3</sub> derived	cf	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>
	fi	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>
	ik	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>
S <sub>1, S<sub>2</sub></sub> derived	jk	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> <b>A<sub>6</sub> order</b>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>6</sub> order</b>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>



Rows: ( $S_1, S_2$ )  $S_3$  anc.

Columns: ( $S_1, S_3$ )  $S_2$

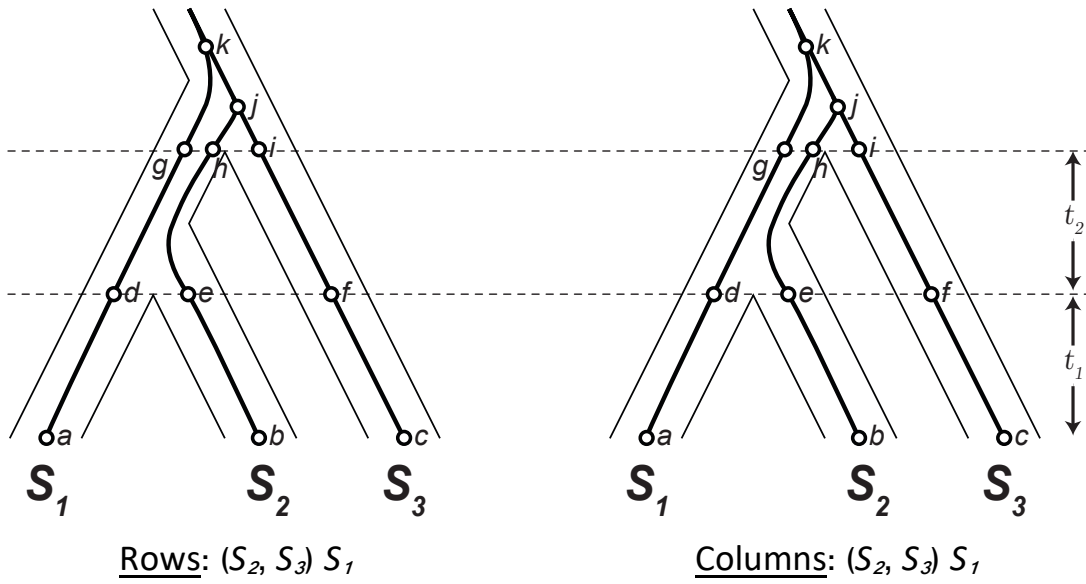
		S <sub>1</sub> derived			S <sub>2</sub> derived			S <sub>3</sub> derived			S <sub>1, S<sub>3</sub></sub> derived
		ad	dh	hj	be	eg	gk	cf	fi	ij	jk
S <sub>1</sub> derived	ad	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
	dg	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
	gj	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> <b>A<sub>6</sub> order</b>
S <sub>2</sub> derived	be	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>
	eh	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>
	hj	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>
S <sub>3</sub> derived	cf	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
	fi	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
	ik	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>7</sub> order</b>
S <sub>1, S<sub>2</sub></sub> derived	jk	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> <b>A<sub>6</sub> order</b>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> <b>A<sub>7</sub> order</b>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	-



Rows: ( $S_1, S_2$ )  $S_3$  anc.

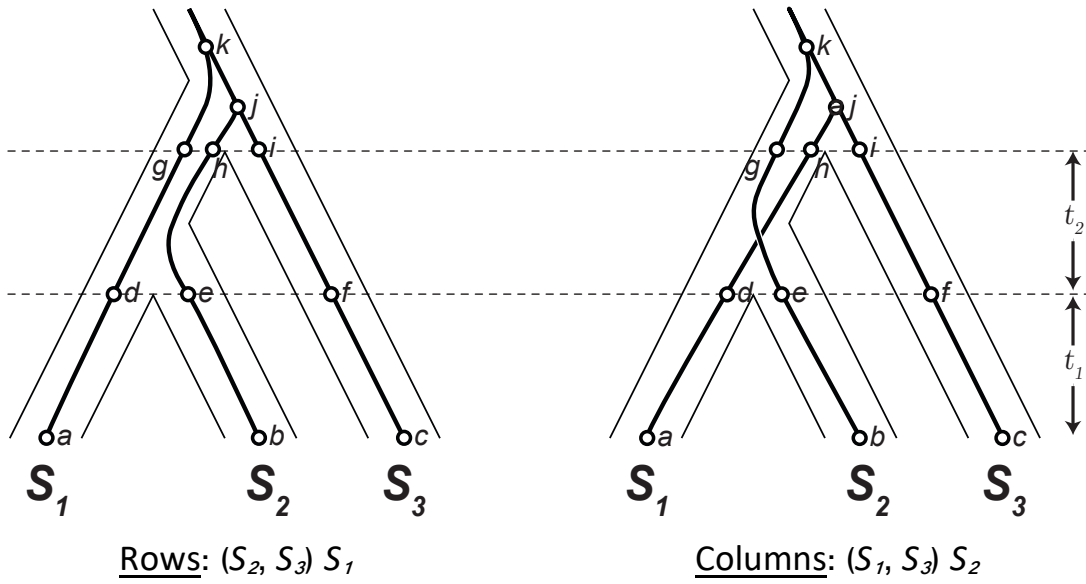
Columns: ( $S_2, S_3$ )  $S_1$

		S <sub>1</sub> derived			S <sub>2</sub> derived			S <sub>3</sub> derived			S <sub>2, S<sub>3</sub></sub> derived
		ad	dg	gk	be	eh	hj	cf	fi	ij	jk
S <sub>1</sub> derived	ad	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>
	dg	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>
	gj	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>
S <sub>2</sub> derived	be	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
	eh	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
	hj	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> A <sub>6</sub> order
S <sub>3</sub> derived	cf	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>
	fi	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>
	ik	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> A <sub>7</sub> order
S <sub>1, S<sub>2</sub></sub> derived	jk	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> A <sub>7</sub> order	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> A <sub>6</sub> order	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	-

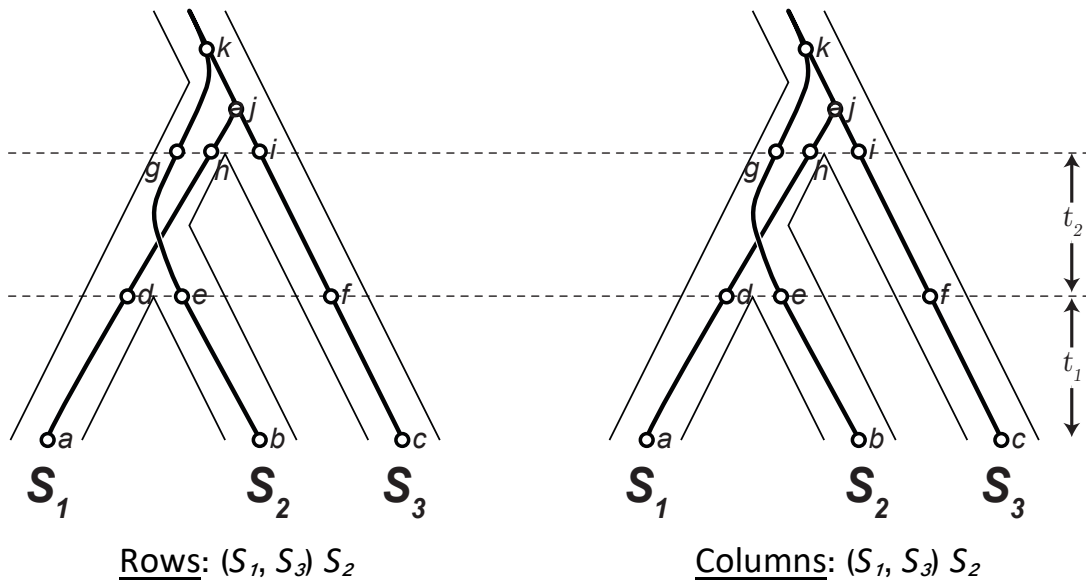


		S <sub>1</sub> derived			S <sub>2</sub> derived			S <sub>3</sub> derived			S <sub>2, S<sub>3</sub></sub> derived
		ad	dg	gk	be	eh	hj	cf	fi	ij	jk
S <sub>1</sub> derived	ad	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>
	dg	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>
	gk	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>
S <sub>2</sub> derived	be	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
	eh	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
	hj	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> A <sub>6</sub> order
S <sub>3</sub> derived	cf	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>
	fi	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>
	ij	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> A <sub>6</sub> order
S <sub>2, S<sub>3</sub></sub> derived	jk	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> A <sub>6</sub> order	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> A <sub>6</sub> order	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>





		S <sub>1</sub> derived			S <sub>2</sub> derived			S <sub>3</sub> derived			S <sub>1, S<sub>3</sub></sub> derived
		ad	dh	hj	be	eg	gk	cf	fi	ij	jk
S <sub>1</sub> derived	ad	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
	dg	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
	gk	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> A <sub>7</sub> order
S <sub>2</sub> derived	be	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>
	eh	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>
	hj	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>
S <sub>3</sub> derived	cf	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
	fi	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
	ij	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> A <sub>6</sub> order
S <sub>2, S<sub>3</sub></sub> derived	jk	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> A <sub>7</sub> order	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> A <sub>6</sub> order	-



		S <sub>1</sub> derived			S <sub>2</sub> derived			S <sub>3</sub> derived			S <sub>1</sub> , S <sub>3</sub> derived
		ad	dh	hj	be	eg	gk	cf	fi	ij	jk
S <sub>1</sub> derived	ad	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
	dh	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>
	hj	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> A <sub>6</sub> order
S <sub>2</sub> derived	be	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>
	eg	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>
	gk	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>
S <sub>3</sub> derived	cf	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
	fi	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>
	ij	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>3</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> A <sub>6</sub> order
S <sub>1</sub> , S <sub>3</sub> derived	jk	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub>	S <sub>1</sub> x S <sub>2</sub> A <sub>6</sub> order	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub>	S <sub>2</sub> x S <sub>3</sub> A <sub>6</sub> order	S <sub>1</sub> x S <sub>2</sub> S <sub>2</sub> x S <sub>3</sub>