

		B										
		j	1	2	3	4	5	6				
		i	A	G	T	C	C	G				
A	1	C	0	0	0	10	10	0				
	2	C	0	0	0	10	20	1				
	3	A	10	0	0	0	1	11	$M_{i S_j i E_j}$ 21   3   1   6   4			
	4	A	10	1	0	0	0	0				
	5	T	0	1	11	0	0	0				
	6	C	0	0	0	21	10	0				
	7	T	0	0	10	1	12	1				
	8	A	10	0	0	1	0	3	$C \quad M \quad S \quad E$ 3   21   3   1   6   4			
	9	C	0	1	0	10	11	0				
	10	T	0	0	11	0	1	2				
	11	A	10	0	0	2	0	0				

(G)

		B										
		j	1	2	3	4	5	6				
		i	A	G	T	C	C	G				
A	1	C	0	0	0	10	10	0				
	2	C	0	0	0	10	20	1				
	3	A	10	0	0	0	1	11	$M_{i S_j i E_j}$ 21   3   1   6   4			
	4	A	10	1	0	0	0	0				
	5	T	0	1	11	0	0	0				
	6	C	0	0	0	21	10	0				
	7	T	0	0	10	1	12	1				
	8	A	10	0	0	1	0	3	$C \quad M \quad S \quad E$ 0   21   3   1   6   4			
	9	C	0	1	0	10	11	0				
	10	T	0	0	11	0	1	2				
	11	A	10	0	0	2	0	0				

(H)

		B											
		j	1	2	3	4	5	6	7				
		i	A	G	T	C	C	G	G				
A	1	C	0	0	0	10	10	0	0				
	2	C	0	0	0	10	20	1	0				
	3	A	10	0	0	0	1	11	11	$M_{i S_j i E_j}$ 21   3   1   6   4			
	4	A	10	1	0	0	0	0	21				
	5	T	0	1	11	0	0	0	1				
	6	C	0	0	0	21	10	0	0				
	7	T	0	0	10	1	12	1	0				
	8	A	10	0	0	1	0	3	11	$C \quad M \quad S \quad E$ 0   21   3   1   6   4			
	9	C	0	1	0	10	11	0	0				
	10	T	0	0	11	0	1	2	0				
	11	A	10	0	0	2	0	0	12				

(I)