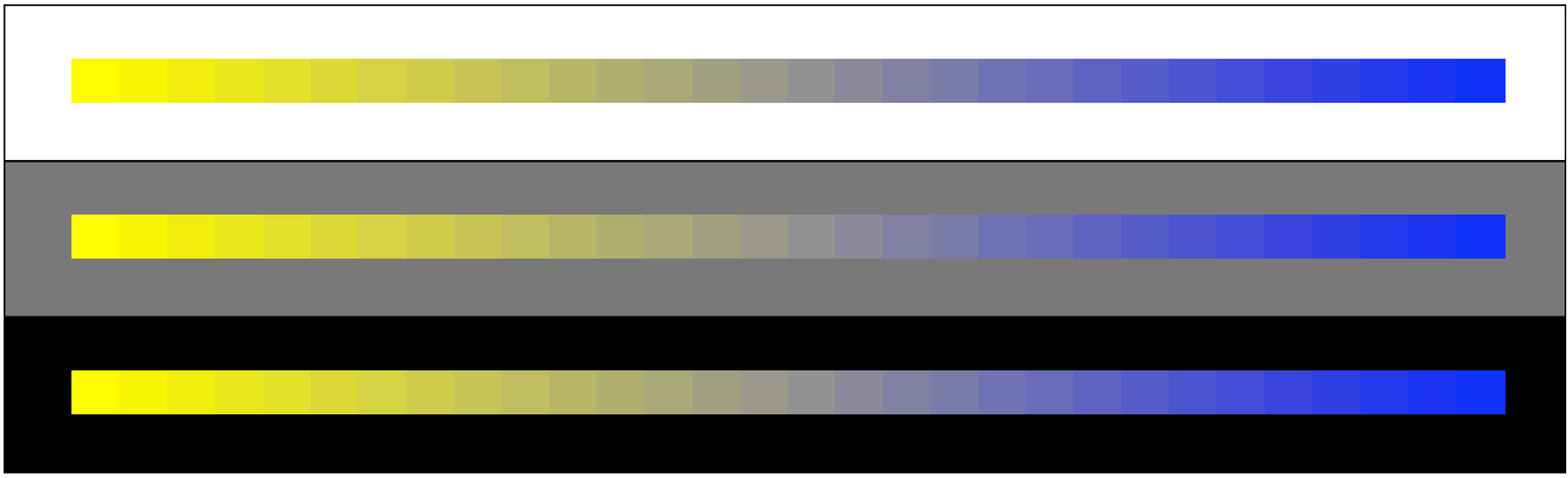
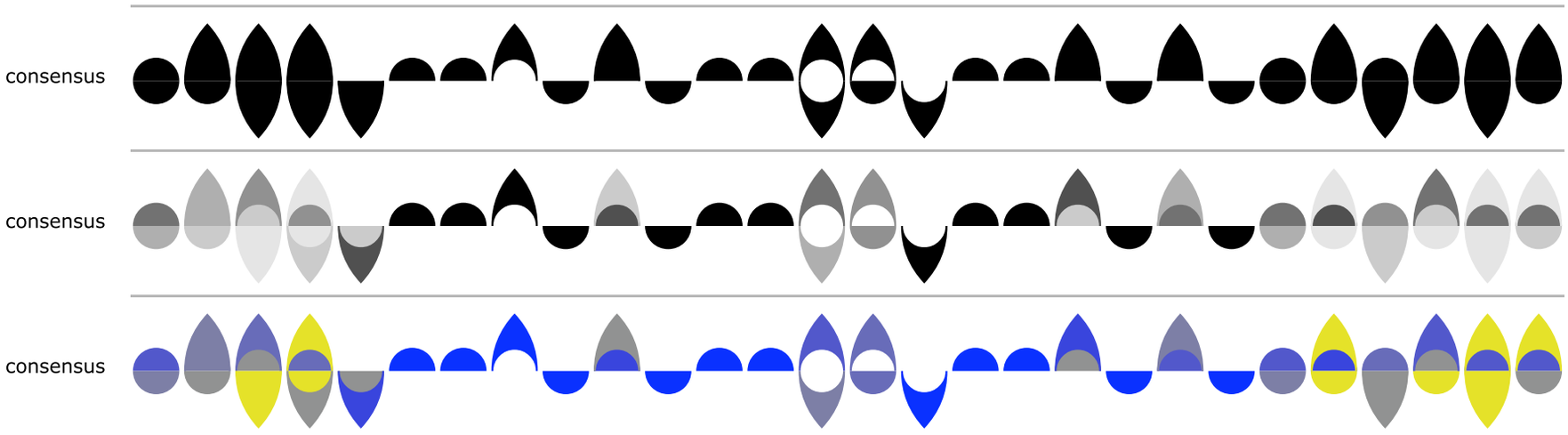
A.

B.



C.



cytosine	0	3	4	1	0	0	0	8	0	2	0	0	0	5	4	0	0	0	6	0	3	0	0	1	0	5	1	1
thymine	5	3	2	4	0	8	8	0	0	6	0	8	8	0	0	0	8	8	2	0	5	0	5	6	4	2	5	5
adenine	3	2	1	1	2	0	0	0	8	0	8	0	0	0	4	0	0	0	0	8	0	8	3	1	2	1	1	2
guanine	0	0	1	2	6	0	0	0	0	0	0	0	0	3	0	8	0	0	0	0	0	0	0	0	2	0	1	0
gaps	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0