

A	5	2	3	0	0	25	0	0	4	7	9	6	1	2
C	14	6	10	0	0	0	25	0	2	11	1	7	11	13
G	2	8	10	0	25	0	0	25	1	3	7	7	4	5
T	4	9	2	25	0	0	0	0	18	4	8	5	9	5

ATF

A	0	0	29	0	0	0	12	17
C	0	0	0	29	1	1	16	1
G	0	28	0	0	28	1	1	4
T	29	1	0	0	0	27	0	7

CREB
(shift=0)

χ^2 39.9 25.4 43.1 54.0 0.9 54.0 14.8 40.1 => D=7

A	0	0	29	0	0	0	12	17
C	0	0	0	29	1	1	16	1
G	0	28	0	0	28	1	1	4
T	29	1	0	0	0	27	0	7

CREB
(shift=3)

χ^2 0.0 0.9 0.0 0.0 0.9 5.8 7.0 3.1 => D=0