

Jaspar MA0048			
A	C	G	T
13	13	17	11
13	39	2	0
3	5	37	9
1	53	0	0
54	0	0	0
1	1	52	0
1	50	3	0
1	1	0	52
0	0	53	1
3	37	8	6
2	0	37	15
5	17	12	20

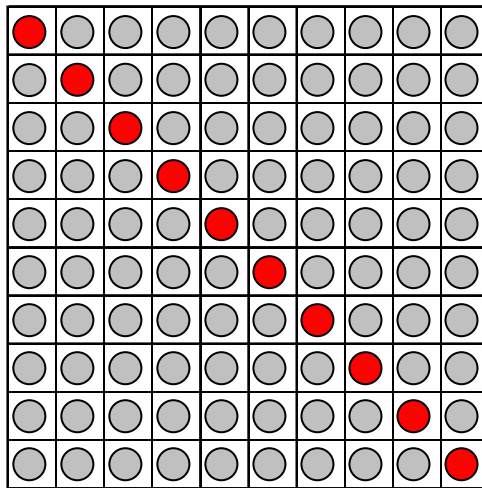
noise
(0.75)

DIM 0048			
A	C	G	T
32	18	20	31
32	30	13	26
27	14	29	30
26	37	12	26
51	12	12	26
26	12	36	26
26	35	13	26
26	12	12	50
26	12	37	26
27	29	16	28
26	12	29	32
28	20	18	35

match

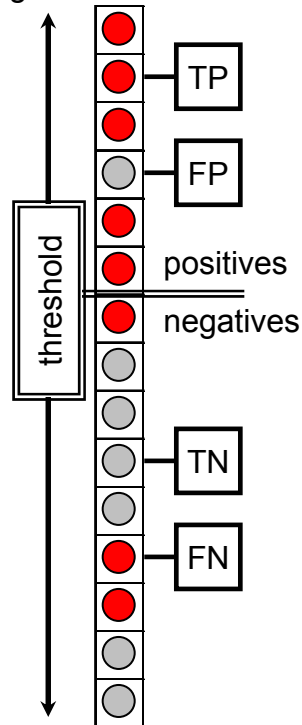
Dimmed matrices

Jaspar matrices



norm

good score



poor score

$$j=A/T: \text{DIM}_{ij} = ((\text{Jaspar}_{ij} / \Sigma_i \times (1-\text{noise})) + (\text{AT}\% \times \text{noise})) \times 100$$

$$j=C/G: \text{DIM}_{ij} = ((\text{Jaspar}_{ij} / \Sigma_i \times (1-\text{noise})) + (\text{GC}\% \times \text{noise})) \times 100$$