



b

B	R	M	C	W	A	W	H	R	W	G	G	B	M
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Consensus sequence

c

Position frequency matrix (PFM)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
A	0	4	4	0	3	7	4	3	5	4	2	0	0	4
C	3	0	4	8	0	0	0	3	0	0	0	0	2	4
G	2	3	0	0	0	0	0	0	1	0	6	8	5	0
T	3	1	0	0	5	1	4	2	2	4	0	0	1	0

d

Position weight matrix (PWM)

A	-1.93	0.79	0.79	-1.93	0.45	1.50	0.79	0.45	1.07	0.79	0.00	-1.93	-1.93	0.79
C	0.45	-1.93	0.79	1.68	-1.93	-1.93	-1.93	0.45	-1.93	-1.93	-1.93	-1.93	0.00	0.79
G	0.00	0.45	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93	-0.66	-1.93	1.30	1.68	1.07	-1.93
T	0.45	-0.66	-1.93	-1.93	1.07	-0.66	0.79	0.00	0.00	0.79	-1.93	-1.93	-0.66	-1.93

e

Site scoring

0.45	-0.66	0.79	1.68	0.45	-0.66	0.79	0.45	-0.66	0.79	0.00	1.68	-0.66	0.79
T	T	A	C	A	T	A	A	G	T	A	G	T	C

$\Sigma = 5.23$, 78% of maximum

f

