

Original Seq

A	C	G	T	A	T	C	G
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AoS

0	0	0	1	1	0	1	1	0	0	1	1	0	1	1	0
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Profile

1	0	0	0	1	0	0	0
0	1	0	0	0	0	1	0
0	0	1	0	0	0	0	1
0	0	0	1	0	1	0	0

If a bp is 'A'

If a bp is 'C'

If a bp is 'G'

If a bp is 'T'

Mixed  
(AoSoA)

0	0	1	1	0	1	0	1	0	1	0	1	0	1	1	0
High(0-4)				Low(0-4)				High(4-8)				Low(4-8)			