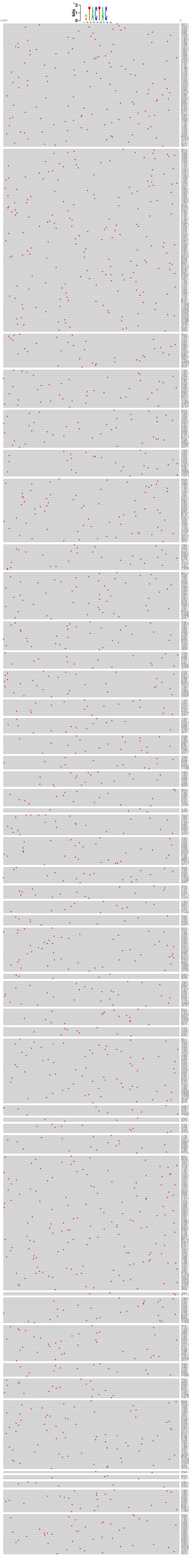
bits
2
1
0
A
T
G
C
-1000
0
C9
C8
C20
C3
C15
C40
C10
C39
C11
C21
C38
C12
C41
C14
C17
C18
C45
C23
C0
C4
C32
C2
C24
C5
C46
C25
C7
C13
C47
C44
C16
C22
C43
C19
C33
C27
C1
C30
C34
C6
C37
C28
C42
C36
C35
C29
C31