```
                                                    B1
-570 CTCAATCAAG AAACTATTAA AAAATTGGAA CAATTATTAA TTAAATTTGA AAAAATCATT TAATTTCAAA ATCTTTTAAA

-490 GATTTTAGAG GTTATTAAAA AAAAAAAAAA AAAAAAAAAA TCCAAAAAAA AAATCCATAA AGTCCAAAAT CAAATAATTT
                            -------B1--------
-410 AAATTTAAAT TATTTTTAAA TTAAAAACTA ATCAAAAAAT AAAAAAAATA ATAAAAATAA TAAATAAACA AATAAAAATA
                            -------------N-------------
-330 TTAAAAATTA ATTATAATAA AGAACAAATA AATTATTGAT TGTGTTTTTA AAAATAATAA TAATTCAAAA AAAAAAAAAA
                                                          --------R3--------     --TAG--
-250 AAAAAAAATT AAAATTAAAA AAATAATTAT AATAATTATA ATAATAAAAA TAATAGTAAT AATAATGAAA ATAATTAAAA
     ----------TAG-BOX---                                                  ---------5'C-------
-170 ATGGATAAAC TAAAAATGGA ATTTTTTTTT TTTTTTTTTT TTTTATTAAT TTTTTTTAAT AATGTAGTTT ACAATGTATT
     -----C-BOX---------                ------------3'C------------
-90  ATTCTACCCA CTATTGTTGG AAAAAAAAAA CAGTGCAAAC TCACCCACTC ACAATTTTTT AAACACAAAT AAAAAAATTT
       -------►---SS--------
-10  TAGTGGTATC TGTGAAAAAA TAGCTCCATA CAAAAAACAA ATTTTATCAA ACACCACCAA ATATATTATT TTTATTTAAA

+70  TTAATTTACT TTTTTTTTTT TATTAATATT ATATTTTTTT TTTTTTTTTT TTTTTTTATA TTTTGGTTTT TTTCATTATT

+150 TATTATATTA TTATTTTTTT CATCAATAAA TTAATATTTC TTTGTATTTC TTTTTATATT ATTCATTAAA AAAAAAAAAA
                                                                  MET
+230 TAAAAAAAAA AACAAAATAA AAAAAAAAAT AAAATAATAA AACAAATTAA AAAAAAATGG AAGAAAAAAG AAGT
```

Figure 8. EMSA probes in the *gp-2* promoter sequence.

The sequence of the *gp2* promoter is represented here. Like most *Dictyostelium* promoters, it shows an 88% AT bias. Three sets of repeat elements known as the TA-, TAG- and C-boxes are underlined. The position of the start site of transcription is indicated by an arrow. Translation of the gp-2 mRNA is initiated from the ATG (italicized). Sequences within the boxed regions were used to design oligonucleotides for EMSA. The names of these oligonucleotide probes are shown above the boxes.