Weekly Report

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Mar 25, 2012

1. Updated Figure 1 reported last week. There was some error in the (e) All-narrow and (f) Hex-narrow seq-logo. Now the GG rich feature is missing.

2. Got all the parameters for the all-narrow and all-wide sequences, and also for the mixed-narrow-wide, mixed wide-narrow sequences. I find that there always a increase in the roll angle at CpG step, and the backbone parameters do not change much, other parameters are sequence dependent.
Figure 1: Statistical results of the effects of methylation on the 256 hexmers.
Figure 1: Groove parameters
Figure 2: Local inter base pair parameters
Figure 3: Global inter base pair parameters