

BAB 5

SIMPULAN

5.1. Simpulan

Hasil pengolahan data menunjukkan rata-rata nilai RMSD kompleks 0,205 nm. Nilai RMSF pada protein lebih fluktuatif dibandingkan nilai RMSF siRNA. Ikatan hidrogen yang membentuk kompleks umumnya fluktuatif, hanya ikatan antara GLN128-RG2 dan ARG661-RU7 yang konstan tidak terputus selama simulasi. Ikatan antara RU9-HYS55 tidak terbentuk selama 5000 ps. Sudut torsional pada umumnya juga tidak banyak mengalami perubahan.

Berdasarkan hasil pengolahan data, dapat disimpulkan bahwa struktur kompleks Argonaute-siRNA tetap terbentuk selama simulasi 5000 ps.

5.2. Alur Penelitian Selanjutnya

1. Perlu adanya penelitian lebih lanjut pada temperatur yang berbeda
2. Perlu dilakukan penelitian lebih lanjut dengan dibandingkan dengan kompleks Argonaute-dupleks siRNA

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