BAB 5
SIMPULAN

5.1 Simpulan

Simulasi dinamika molekul kompleks Ago-siLNA mencapai nilai RMSD yang konvergen selama waktu simulasi 20 ns, sedangkan nilai RMSD protein Ago lebih tinggi daripada nilai RMSD sisi aktif. Hanya satu dari keenam residu sisi aktif yang terletak pada daerah *turn*, yaitu 128GLN, yang menjadi penyebab tingginya nilai rata-rata RMSF pada sisi aktif. Hanya dua dari sembilan ikatan hidrogen yang dapat tetap teramati pada saat simulasi, empat ikatan hidrogen yang tidak teramati, dan ikatan hidrogen lainnya yang sebagian yang teramati.

Hasil perbandingan RMSD dan RMSF dari kompleks Ago-siRNA dan Ago-siLNA menunjukkan kemiripan sifat struktural dan dinamik dari kedua kompleks ini.

5.2 Alur Penelitian Selanjutnya

Clustering kompleks LNA-Ago

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