Force-matching results for bonded force in BAR-PH

Followings are force-matching results for <u>bonded force</u> in BAR-PH which refers to interactions between $CG - site_n$ and $CG - site_{n+1}$, namely P(n) and P(n+1). For each pair - top and middle panels show the positions in the CG model (top and side view); force-matching results are shown in the lower left panel, in which the output bin is of 0.02nm; Radial distribution functions of the pair are shown in the lower right panel with the same output bin with the FM results.

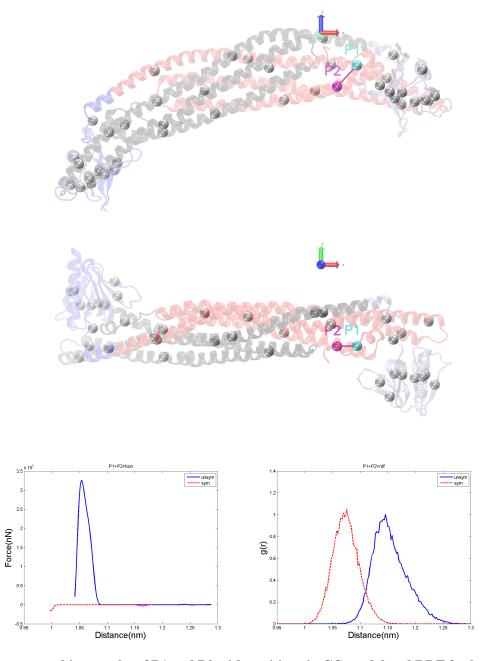


Figure 1. Force-matching results of P1 and P2 with positions in CG model and RDF for both symmetrical and unsymmetrical models.

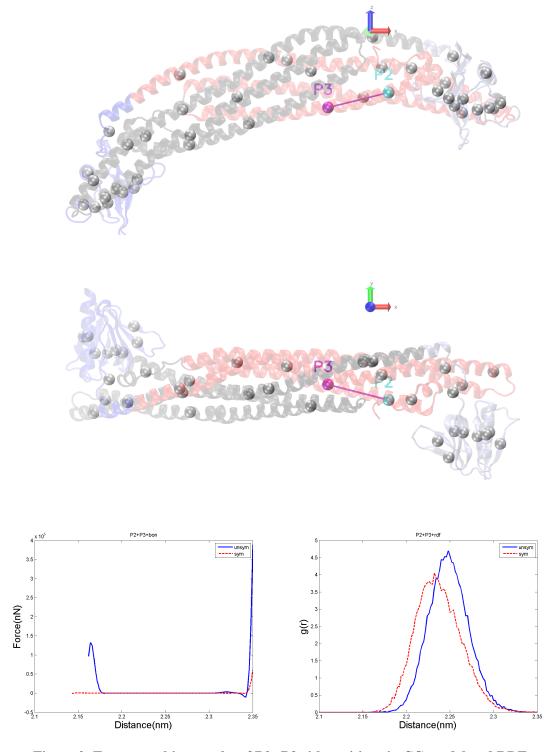


Figure 2. Force-matching results of P2+P3with positions in CG model and RDF.

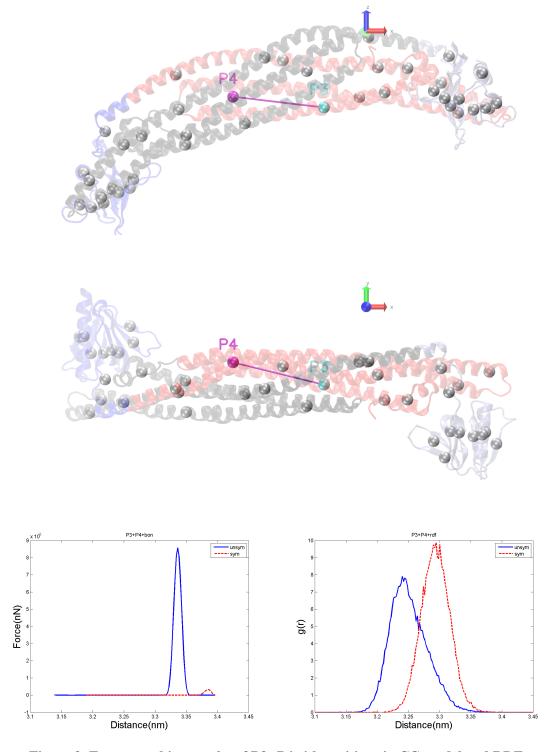


Figure 3. Force-matching results of P3+P4with positions in CG model and RDF.

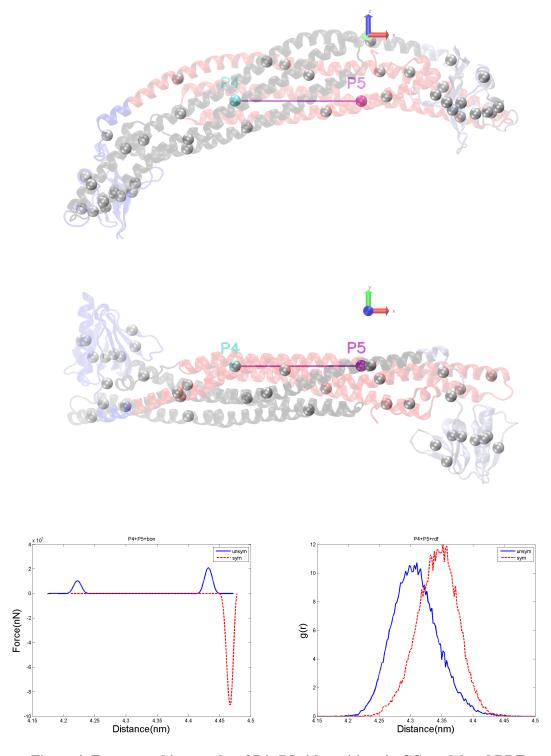


Figure 4. Force-matching results of P4+P5with positions in CG model and RDF.

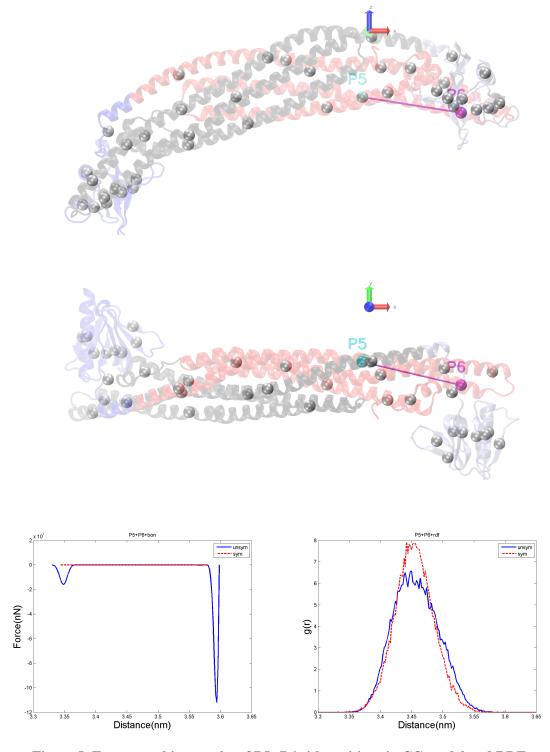


Figure 5. Force-matching results of P5+P6with positions in CG model and RDF.

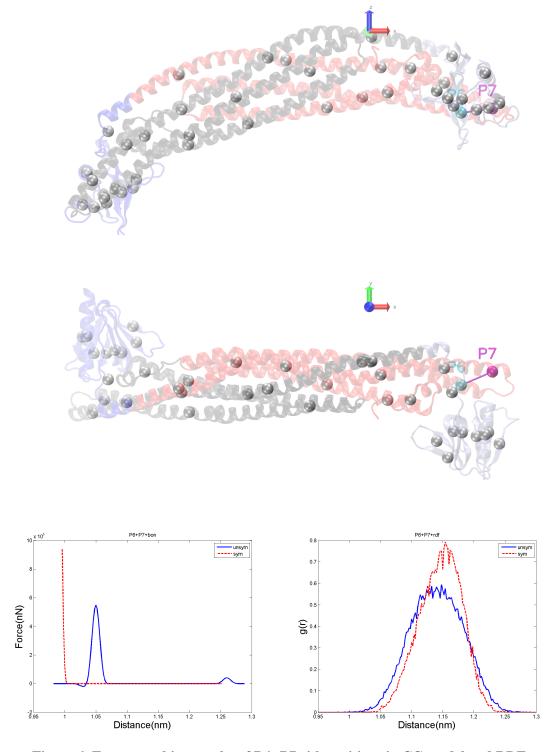


Figure 6. Force-matching results of P6+P7with positions in CG model and RDF.

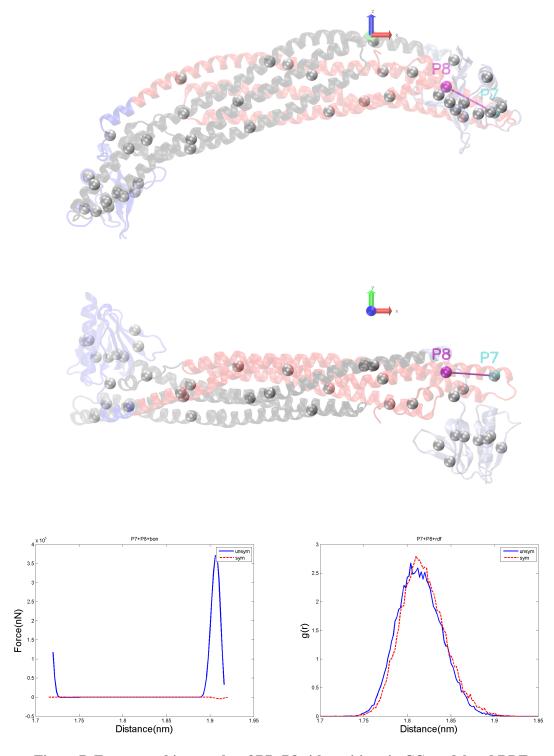


Figure 7. Force-matching results of P7+P8with positions in CG model and RDF.

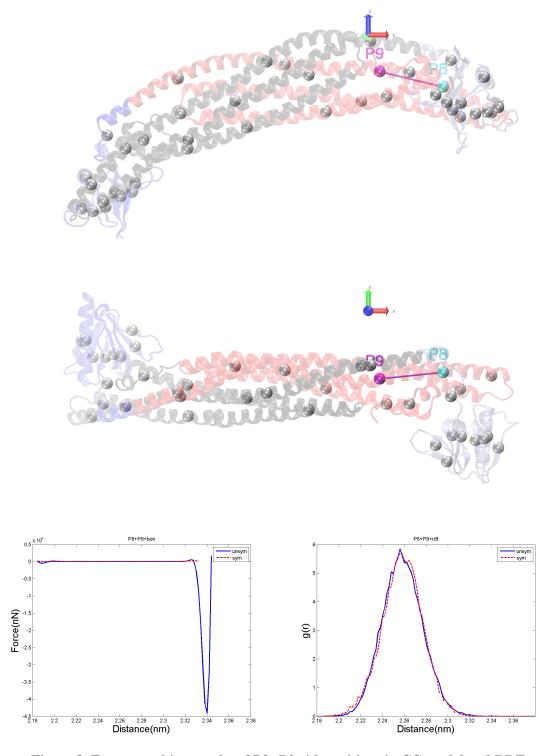


Figure 8. Force-matching results of P8+P9with positions in CG model and RDF.

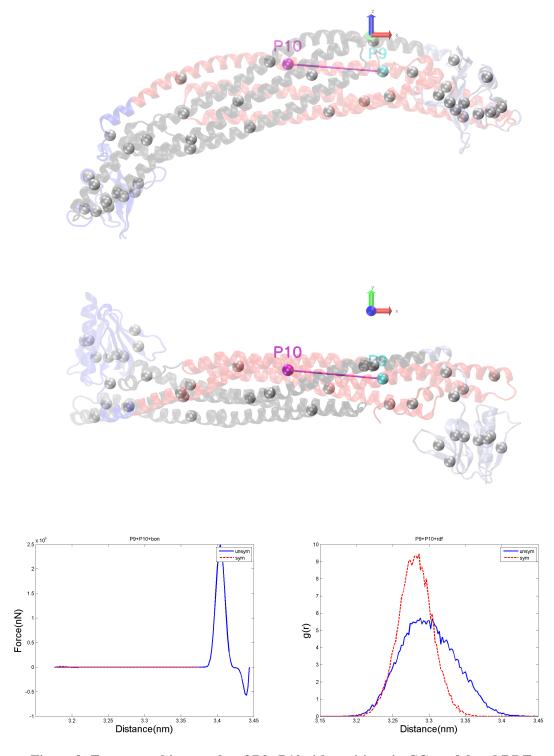


Figure 9. Force-matching results of P9+P10with positions in CG model and RDF.

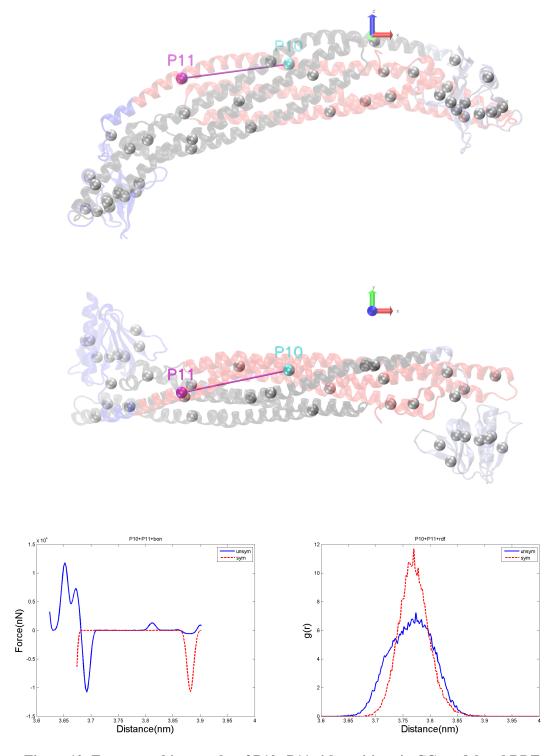


Figure 10. Force-matching results of P10+P11with positions in CG model and RDF.

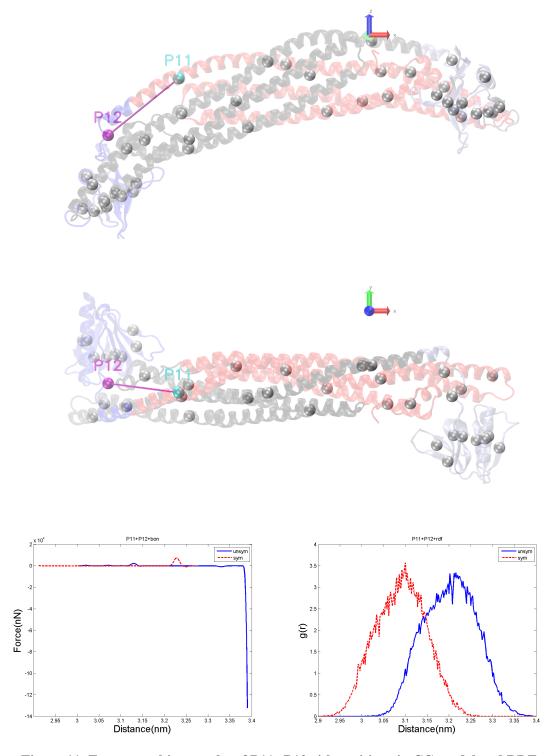


Figure 11. Force-matching results of P11+P12with positions in CG model and RDF.

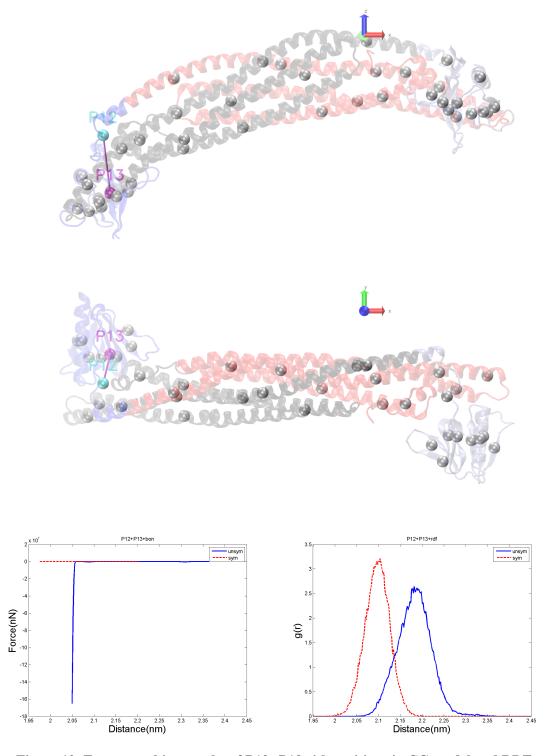


Figure 12. Force-matching results of P12+P13with positions in CG model and RDF.

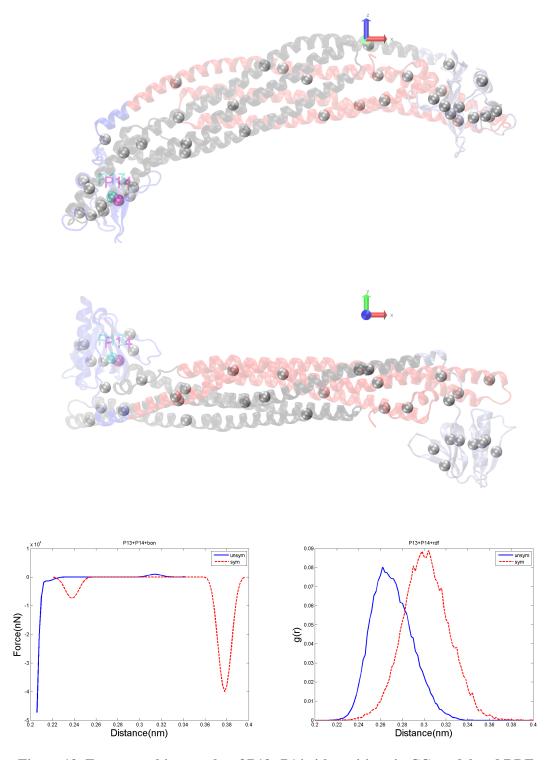


Figure 13. Force-matching results of P13+P14with positions in CG model and RDF.

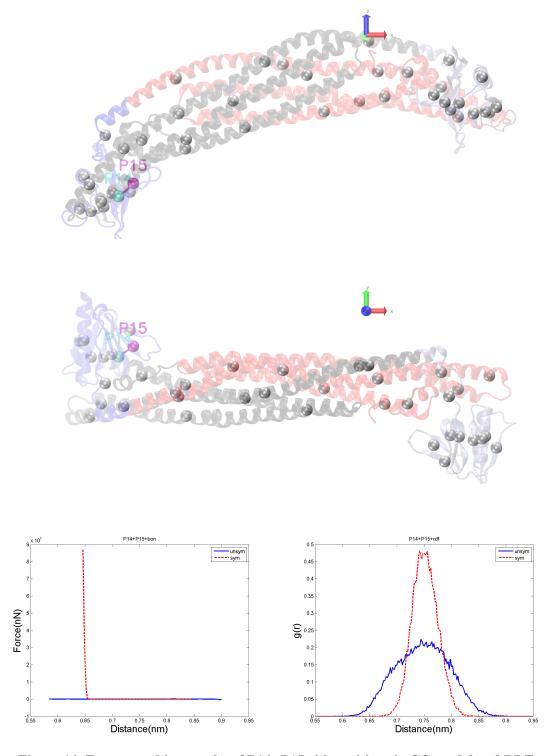


Figure 14. Force-matching results of P14+P15with positions in CG model and RDF.

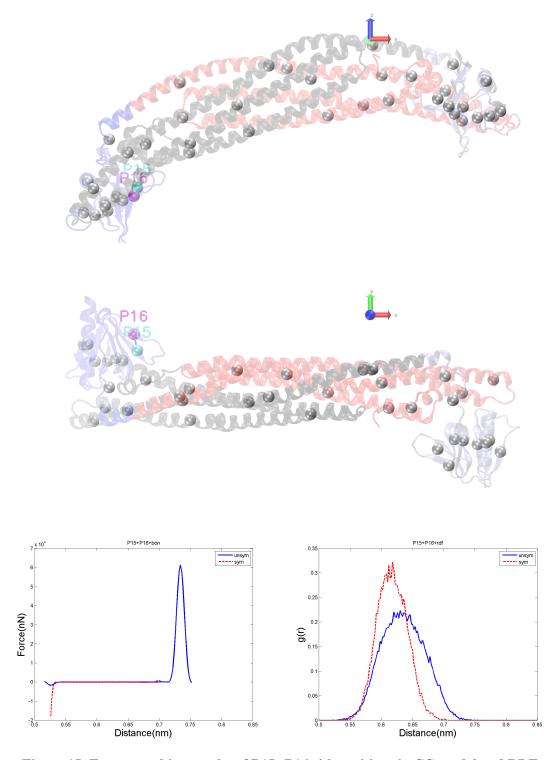


Figure 15. Force-matching results of P15+P16with positions in CG model and RDF.

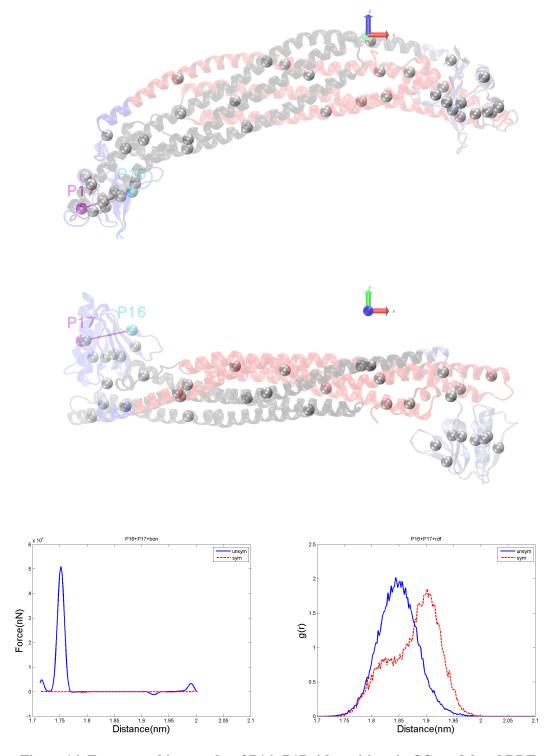


Figure 16. Force-matching results of P16+P17with positions in CG model and RDF.

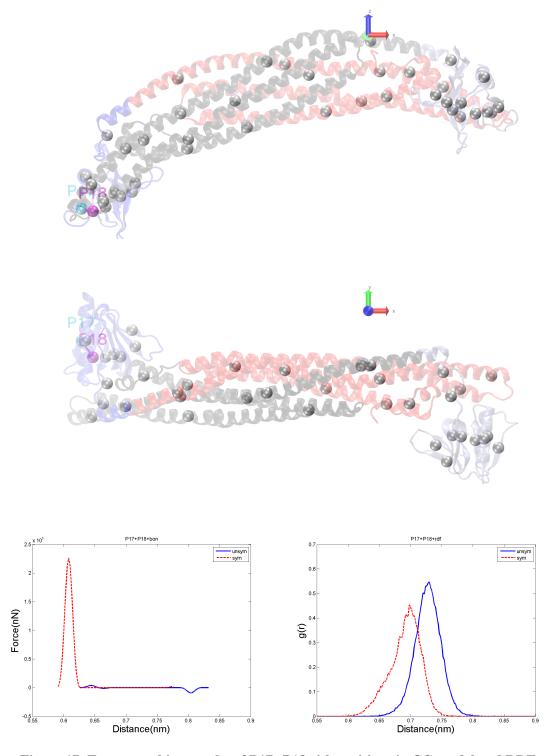


Figure 17. Force-matching results of P17+P18with positions in CG model and RDF.

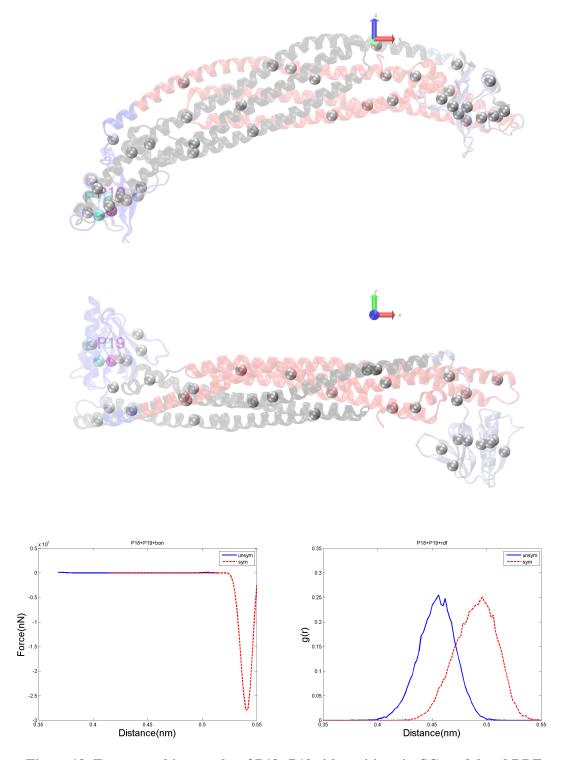


Figure 18. Force-matching results of P18+P19with positions in CG model and RDF.

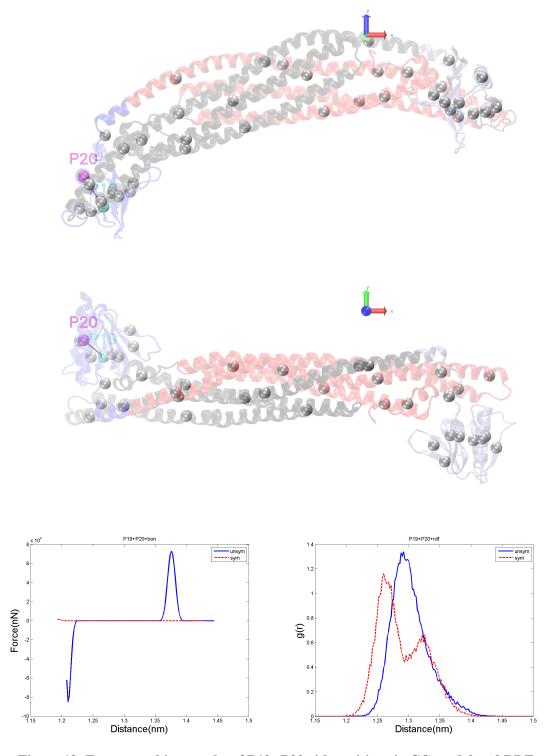


Figure 19. Force-matching results of P19+P20with positions in CG model and RDF.

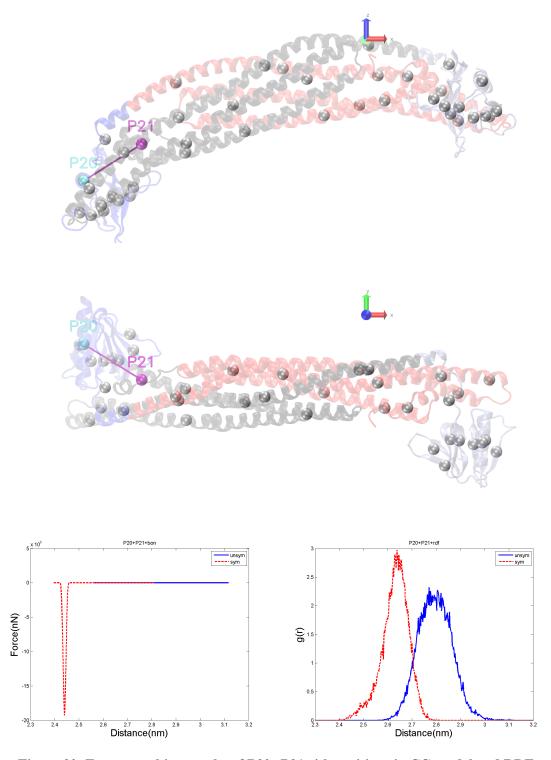


Figure 20. Force-matching results of P20+P21with positions in CG model and RDF.

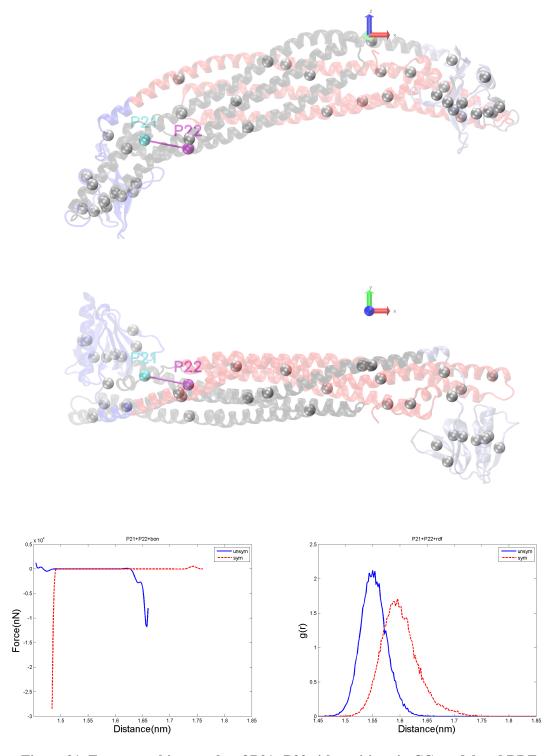


Figure 21. Force-matching results of P21+P22with positions in CG model and RDF.

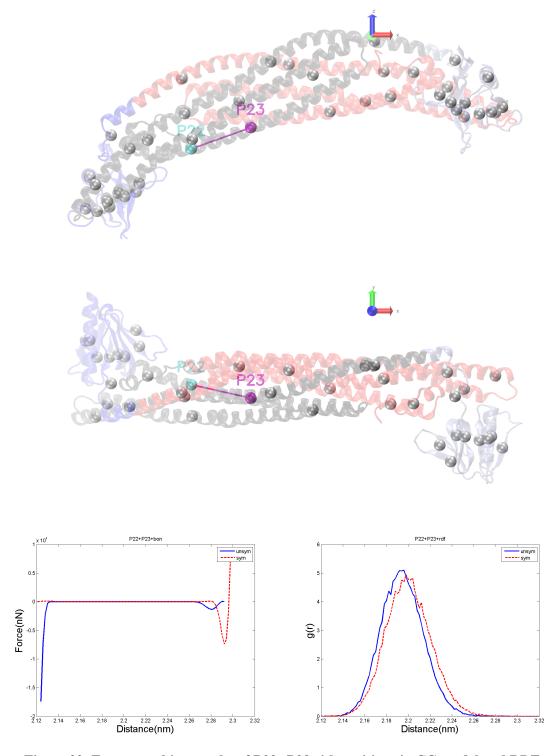


Figure 22. Force-matching results of P22+P23with positions in CG model and RDF.

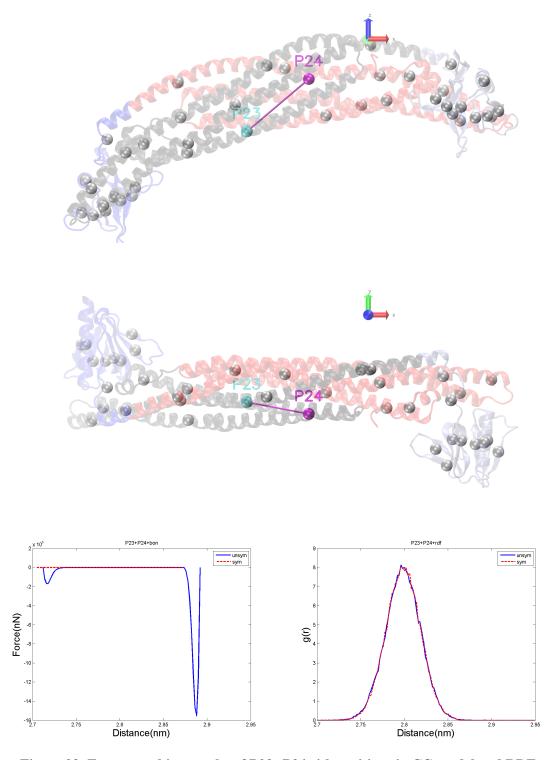


Figure 23. Force-matching results of P23+P24with positions in CG model and RDF.

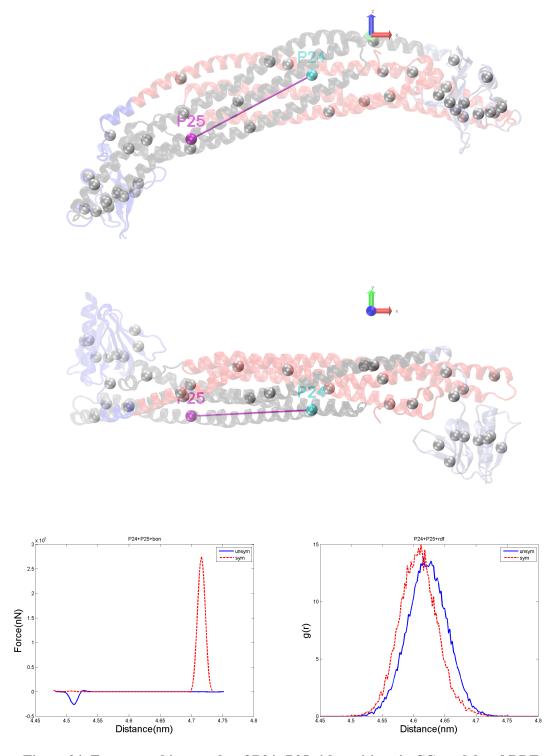


Figure 24. Force-matching results of P24+P25with positions in CG model and RDF.

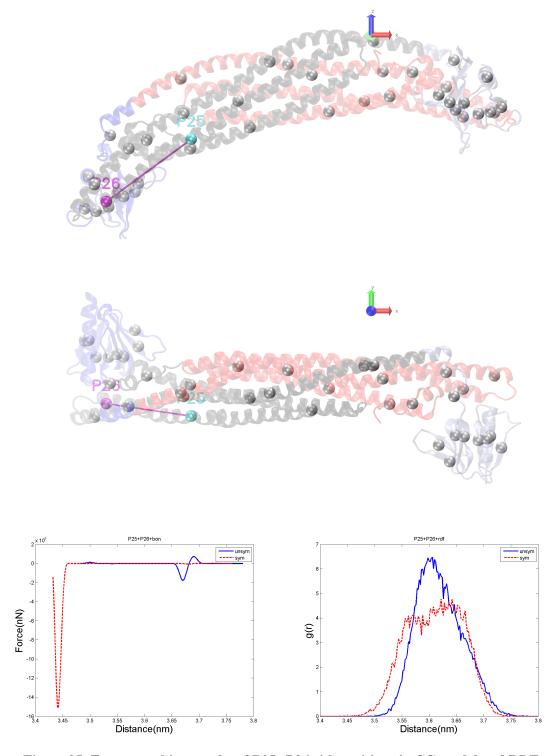


Figure 25. Force-matching results of P25+P26with positions in CG model and RDF.

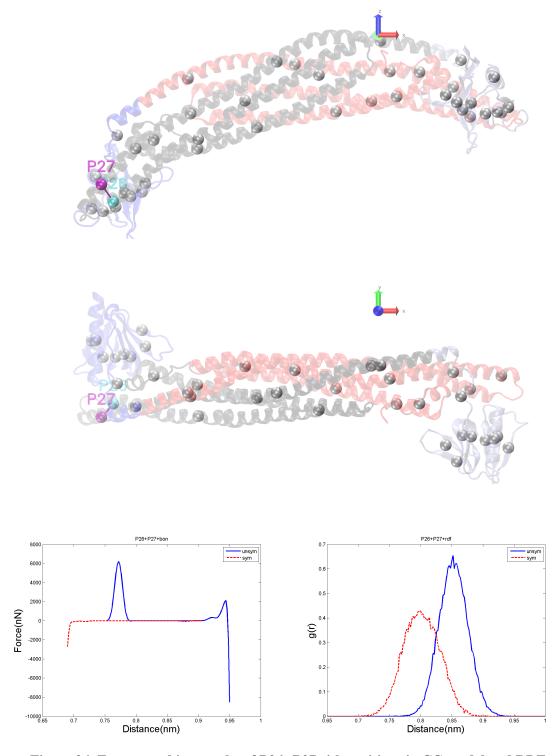


Figure 26. Force-matching results of P26+P27with positions in CG model and RDF.

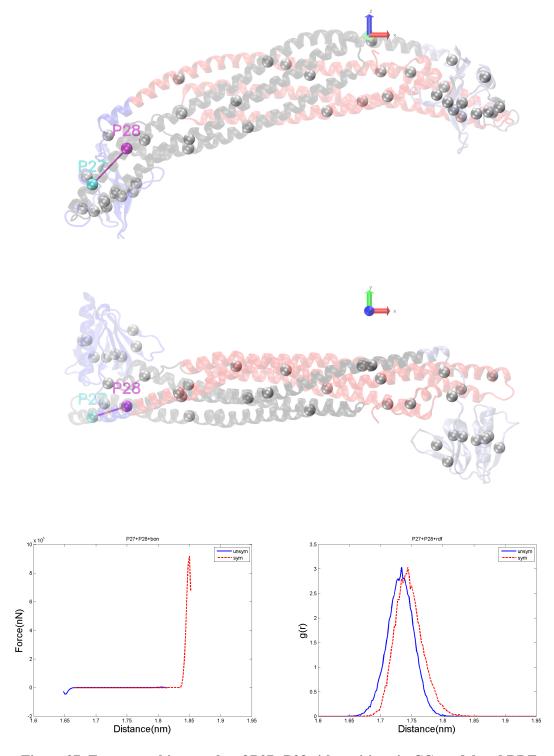


Figure 27. Force-matching results of P27+P28with positions in CG model and RDF.

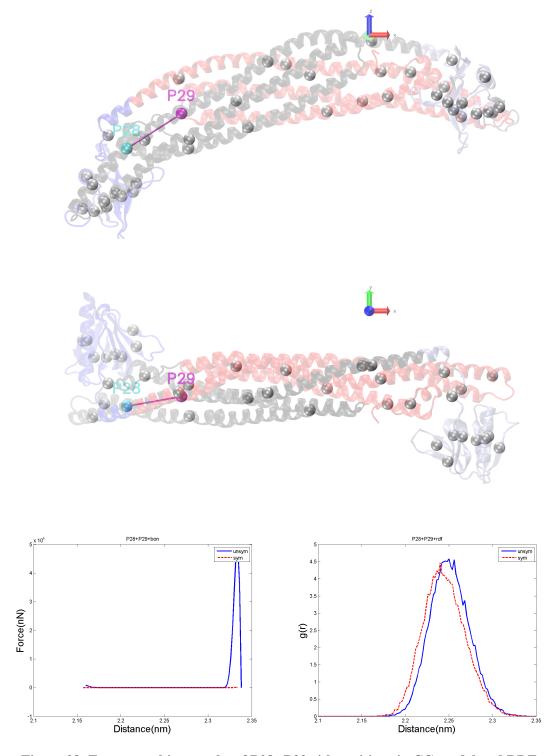


Figure 28. Force-matching results of P28+P29with positions in CG model and RDF.

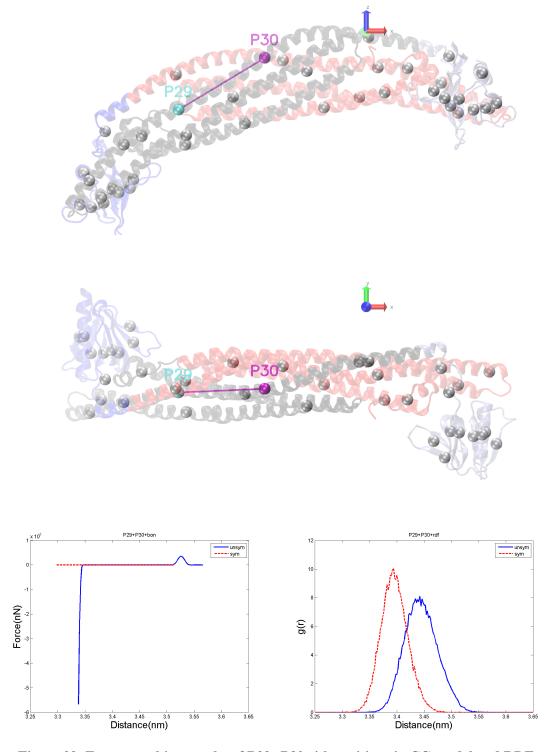


Figure 29. Force-matching results of P29+P30with positions in CG model and RDF.

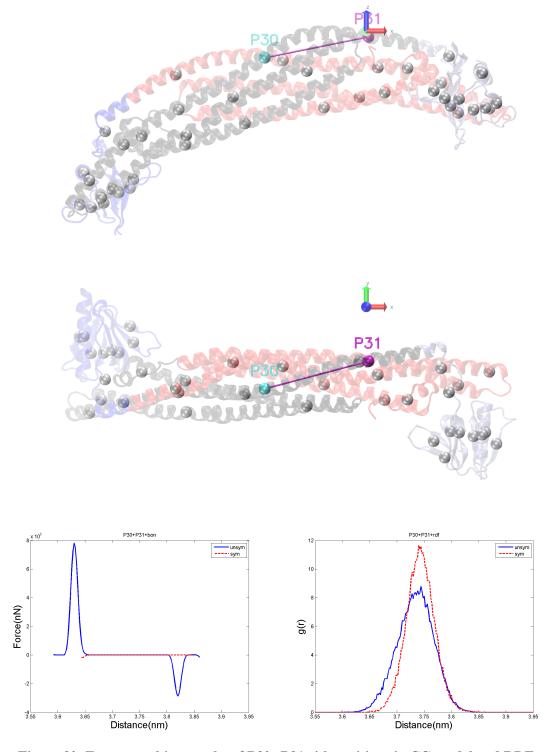


Figure 30. Force-matching results of P30+P31with positions in CG model and RDF.

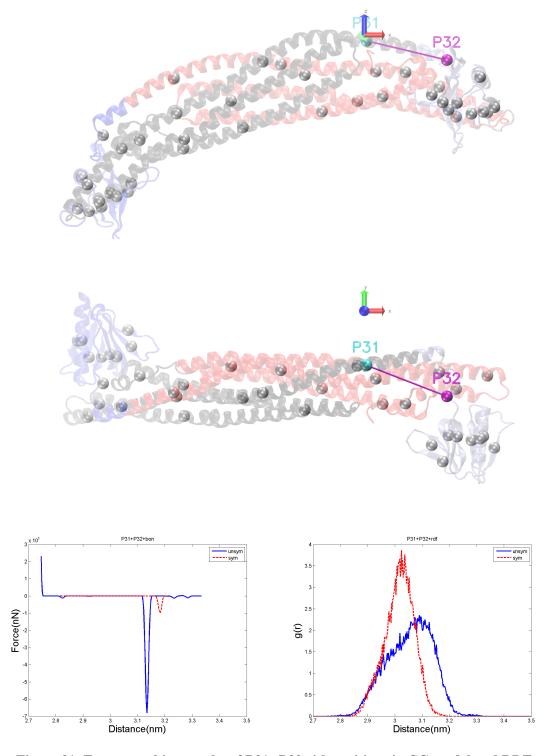


Figure 31. Force-matching results of P31+P32with positions in CG model and RDF.

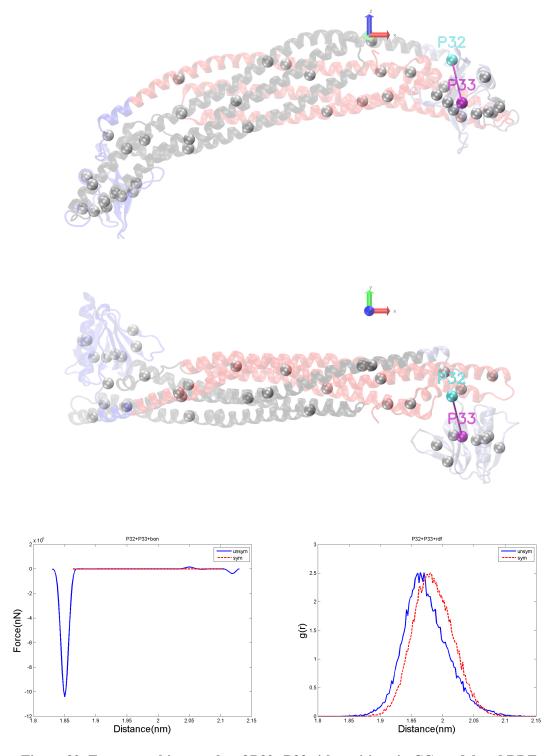


Figure 32. Force-matching results of P32+P33with positions in CG model and RDF.

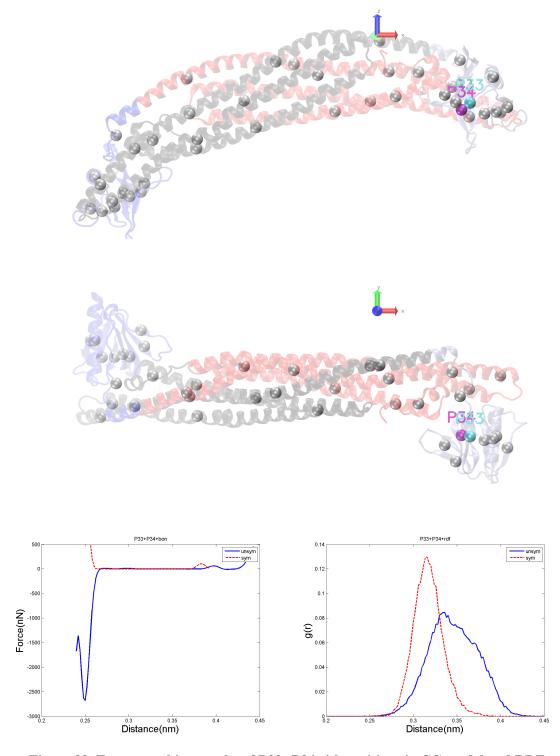


Figure 33. Force-matching results of P33+P34with positions in CG model and RDF.

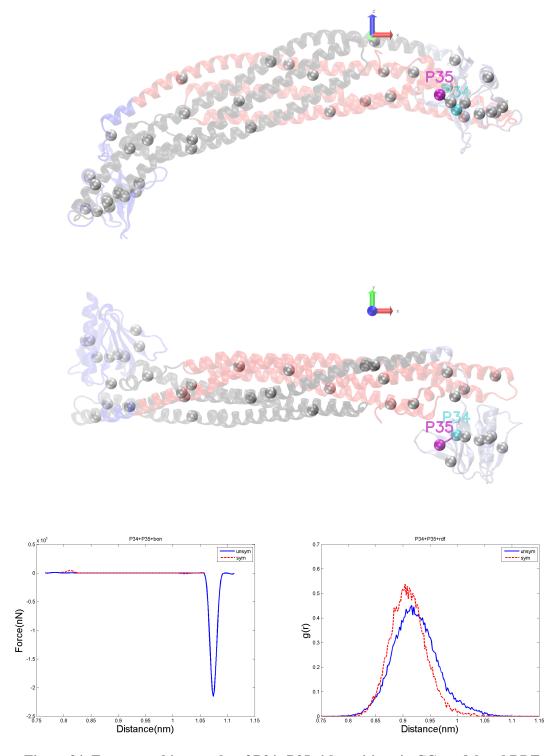


Figure 34. Force-matching results of P34+P35with positions in CG model and RDF.

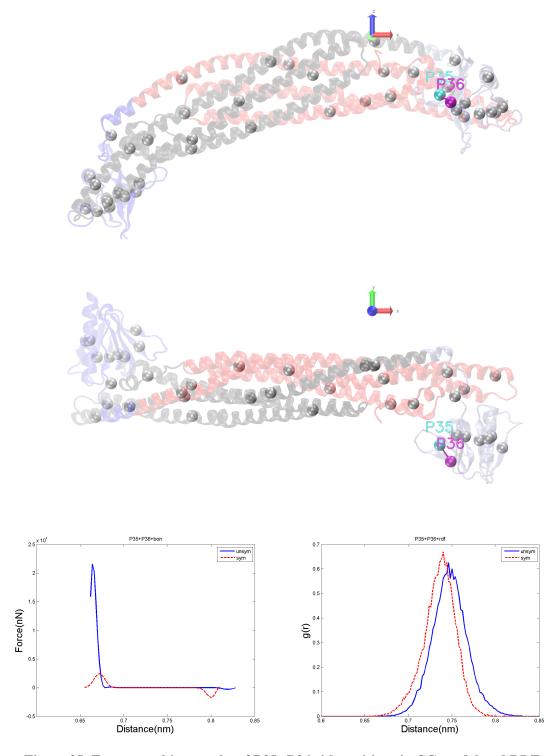


Figure 35. Force-matching results of P35+P36with positions in CG model and RDF.

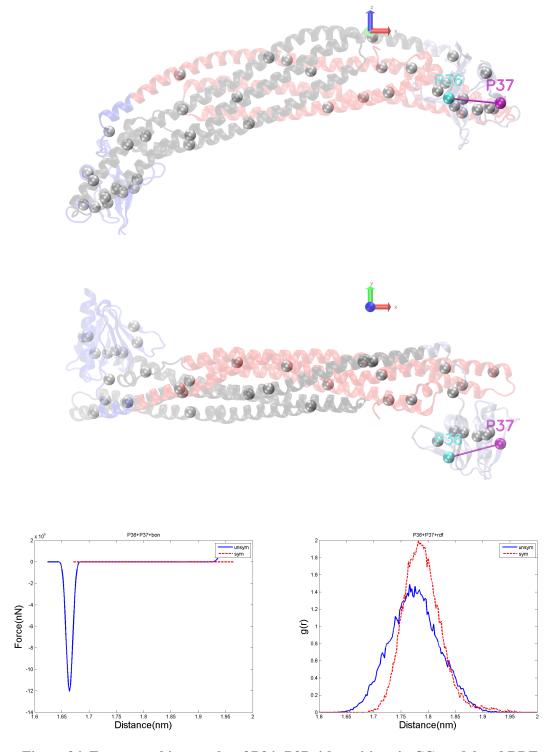


Figure 36. Force-matching results of P36+P37with positions in CG model and RDF.

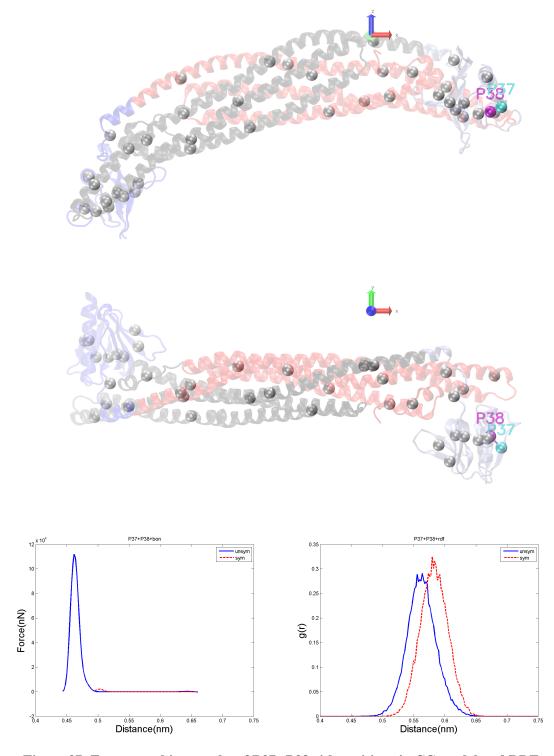


Figure 37. Force-matching results of P37+P38with positions in CG model and RDF.

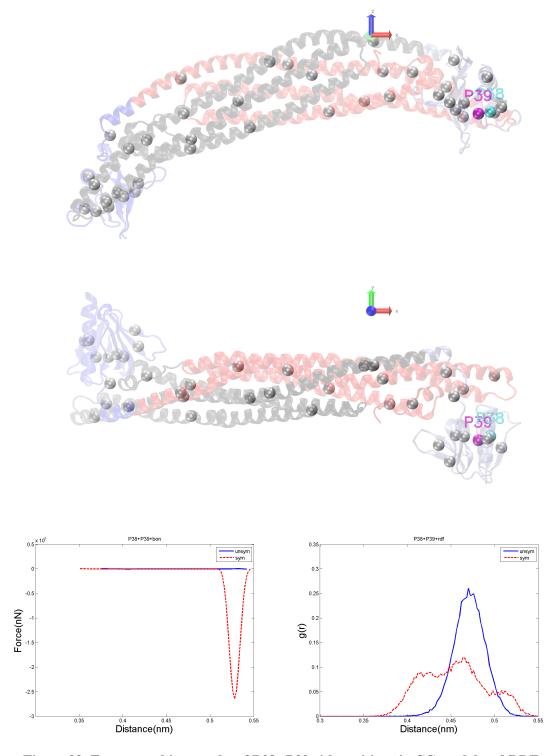


Figure 38. Force-matching results of P38+P39with positions in CG model and RDF.

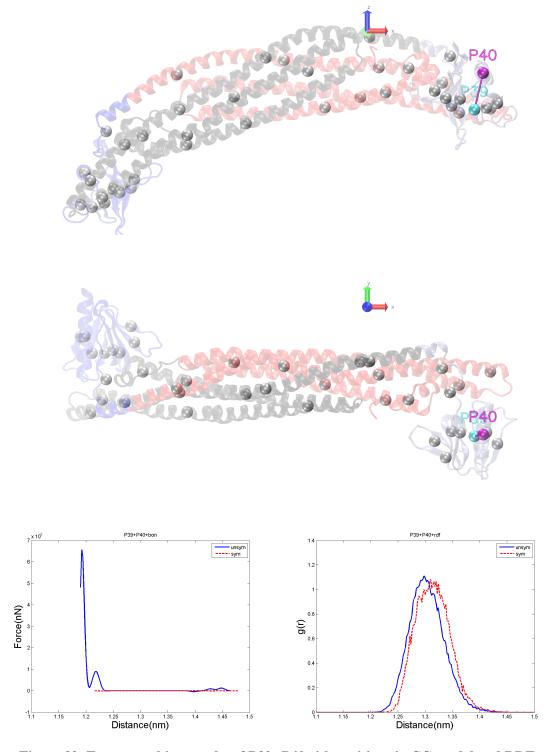


Figure 39. Force-matching results of P39+P40with positions in CG model and RDF.