

# Understanding the Binding Mechanism of Various Chiral SWCNTs and ssDNA: A Computational Study

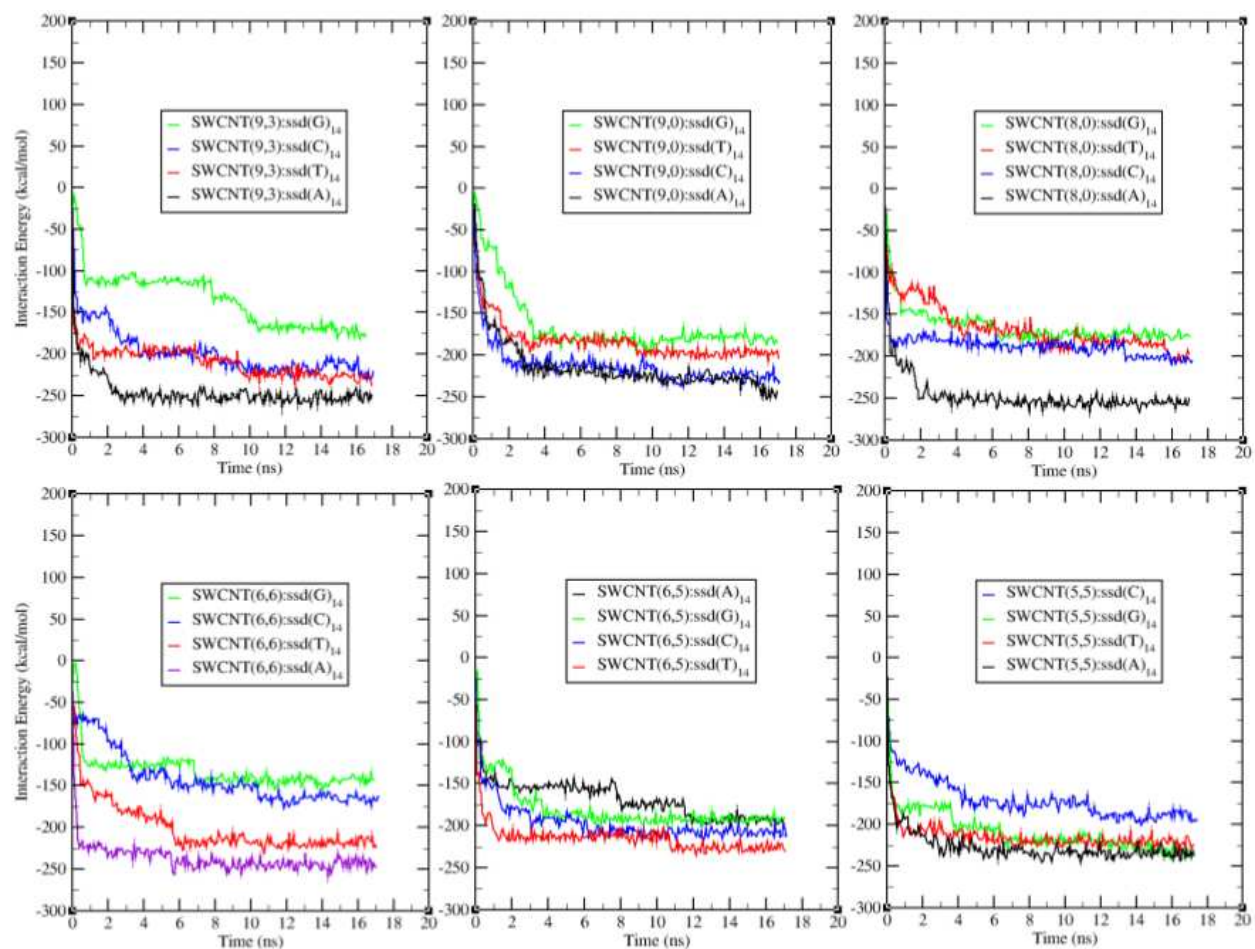
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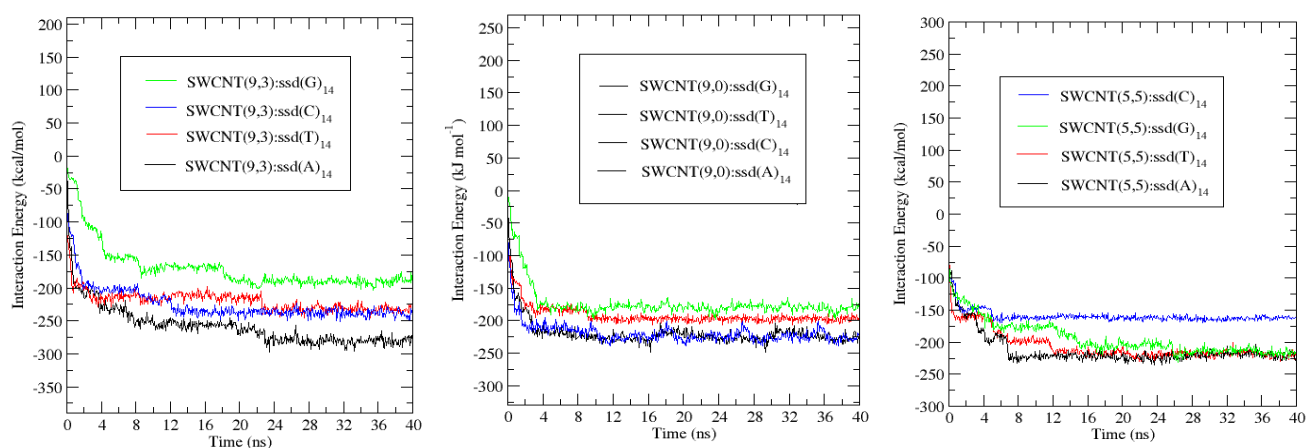
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**Figure S1.** Interaction energies between various SWCNTs and ssdA<sub>14</sub>, ssdT<sub>14</sub>, ssdG<sub>14</sub> and ssdC<sub>14</sub> as a function of time for the period of 17 ns.



**Figure S2.** Interaction energies between (9, 3), (9, 0) and (5, 5) SWCNT's and ssdA<sub>14</sub>, ssdT<sub>14</sub>, ssdG<sub>14</sub> and ssdC<sub>14</sub> as a function of time for the period of 40 ns.