

supplementary
Supporting information for manuscript JA020429L-3-a-78

"Studying Enzyme Binding Specificity in Acetylcholinesterase
using a Combined Molecular Dynamics and Multiple Docking Approach"

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Figure Captions:

Figure S01. C-O distance of acetyl carbonyl carbon to Ser203-O
along 1ns MD ACh-AChE trajectory.

Figure S02. O-N distance of Ser203-O to G121-N along 1ns MD ACh-AChE trajectory.

Figure S03. O-N distance of Ser203-O to G122-N along 1ns MD ACh-AChE trajectory.

Figure S04. O-N distance of Ser203-O to A204-N along 1ns MD ACh-AChE trajectory.

Figure S05. Angle alpha along 1ns MD ACh-AChE trajectory.

Figure S06. N+ distance to W86 ring center along 1ns MD ACh-AChE trajectory.

Figure S07. N+ distance to Y337 ring center along 1ns MD ACh-AChE trajectory.

Figure S08. N+ distance to Y337 phenol-O along 1ns MD ACh-AChE trajectory.

Figure S09. N+ distance to E202-O2 along 1ns MD ACh-AChE trajectory.

Figure S10. N+ distance to E202-O1 along 1ns MD ACh-AChE trajectory.

Figure S11. Angle beta along 1ns MD ACh-AChE trajectory.

Figure S12. Angle gamma along 1ns MD ACh-AChE trajectory.

Corresponding eps files are FigS01.eps through FigS12.eps























