

Rubric for Peer Evaluation of Assign. #7 Submitted by _____

	Beginning 1	Developing 2	Accomplished 3	Exemplary 4	Score
Protein Selection, Description & Citations (§ 1)	Selection of protein structure does not seem well justified. Some important refs. are missing. Confused about concepts/conventions.	Selected relevant structure. Protease's role described. References are cited. Placement in text and/or formatting needs revision.	High quality, relevant structure selected, purpose of enzyme described well. All references are cited using correct format. Placement in text is logical for most refs.	Selected high quality / most relevant structure. Role described cleanly. All references are cited using correct format. Placement in text is logical and helpful.	/4
Active Site Analysis (Figure 1)	Poorly selected image(s) do not really strengthen the explanation of the active site and its function.	Images(s) are so-so, some interactions are included. Sensing event understandable with some difficulty.	Images(s) OK, not most appropriate perspective(s), interactions are included. Sensing event understandable with some effort.	Images(s) provide great perspective(s), interactions are included, and sensing event really well illustrated.	/4
Molecular Models (Figure 2)	Model shown in at least one display mode.	Models shown in at least two display modes.	B&S, S, & SF displays shown. Minor problems with alignment, orientation, sizes.	B&S, S, & SF displays shown. Alignment, orientation, sizes are A-OK.	/4
Mechanism Scheme	Less than 3 stages are shown.	Three stages are shown, correct sequence. Orientation, sizes are OK.	Four stages shown, correct sequence. Alignment, orientation, sizes are OK.	Four stages shown, well drawn, correct sequence. Formatting A-OK.	/4
Structure & Mechanism Discussion (§§ 2-4)	Concept of intermolecular bonding is mentioned, but no details are provided.	Intermolecular bonding discussion fragmentary and lacking in proper terminology. Fs & S cited in text.	Most, but not all, pertinent functional groups involved in ligand binding are identified. Fs & S cited in text, captions present. Captions are part of the text, formatted well.	Clear understanding emerges about bonding between ligand & active site residues. Captions are part of the text, formatting is flawless, and caption text contains requested information.	/4
				Total (Max. 20)	

Constructive Comments to Guide the Authors' Revision: