

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

	Beginning 1	Developing 2	Accomplished 3	Exemplary 4	Score
Protein Selection (§ 1)	Selection of protein does not seem well justified. Left wondering about purpose.	Selected relevant structure of an important sensing protein. Description of sensor's role provided.	High quality, relevant str. of important sensing protein. Description of sensor's role makes sense.	Selected high quality str., most relevant str. of an important sensing protein. Role described cleanly.	/4
Reference Citations Counts 0.5	Some important refs. are missing. Confused about concepts/conventions.	References are cited. Placement in text and/or formatting needs revision.	All references are cited using correct format. Placement in text is logical for most refs.	All references are cited using correct format. Placement in text is logical and helpful.	/2
Active Site & Function (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)	Before or after model shown in at least one display mode.	Before & after models shown in at least one display mode.	B&S, S, & SF displays shown of before & after models. Display lacks with regard to alignment, orientation, sizes.	B&S, S, & SF displays shown of before & after models. Alignment, orientation, sizes are A-OK.	/4
Cit. & Caption of Figures Counts 0.5	Figures not cited in the text or Figure captions missing.	At least one Figure is cited in text. At least one Figure has a caption.	Both Figures are cited in text and both have captions. Captions are part of the text and are formatted well.	Captions are part of the text, formatting is flawless, and caption text contains requested information.	/2
Structural Discussion (§§ 2 & 3)	Concept of intermolecular bonding is mentioned, but no details are provided.	Intermolecular bonding discussion fragmentary and lacking in proper terminology.	Most, but not all, pertinent functional groups involved in ligand binding are identified.	Clear understanding emerges about bonding between ligand & active site residues.	/4
				Total (Max. 20)	

Constructive Comments to Guide the Authors' Revision: