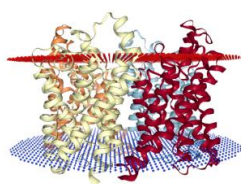
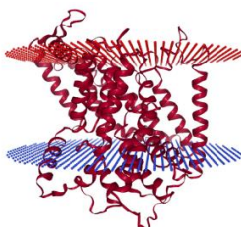
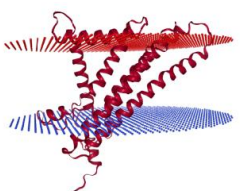
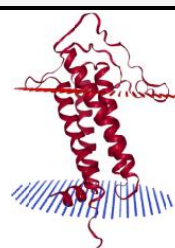
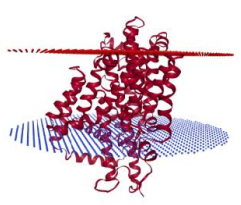
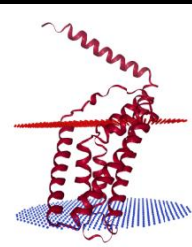
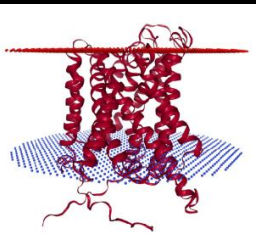
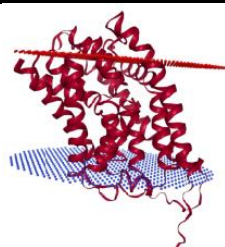
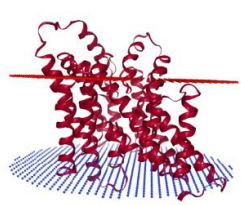
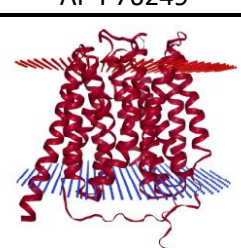
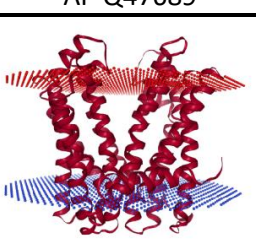
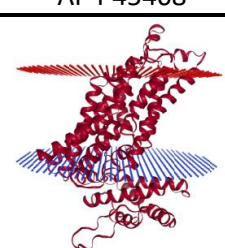
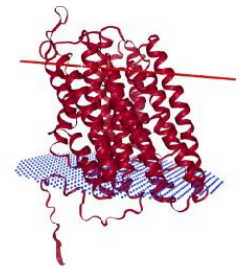
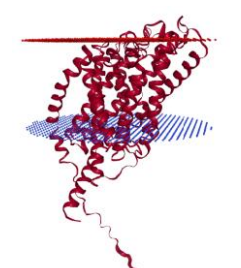
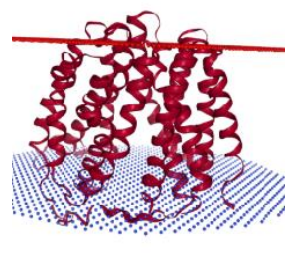
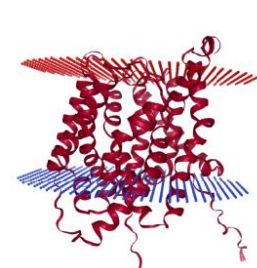
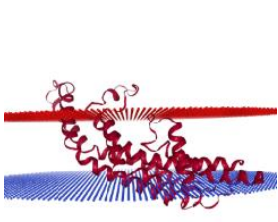
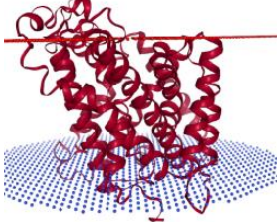
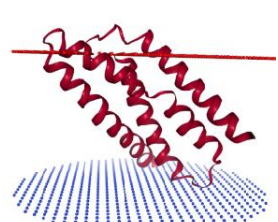
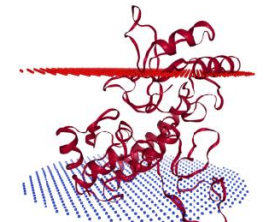
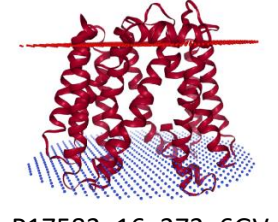
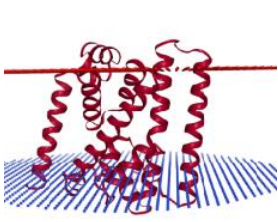
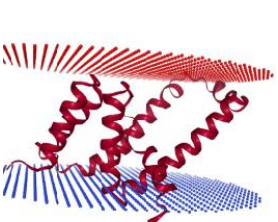
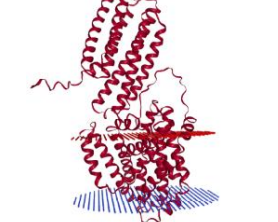
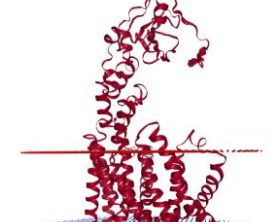
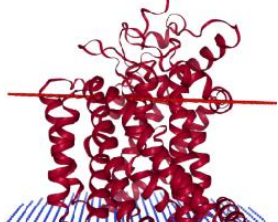
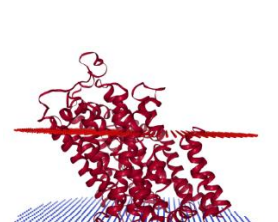
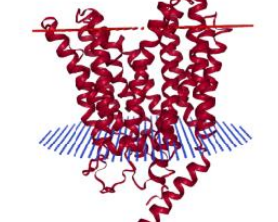
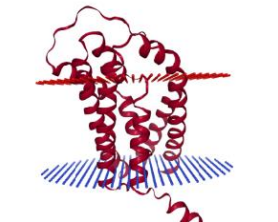
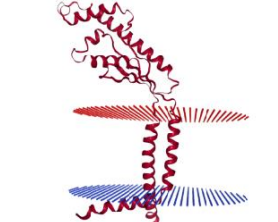
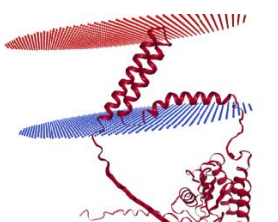
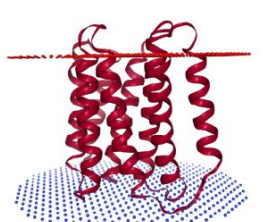

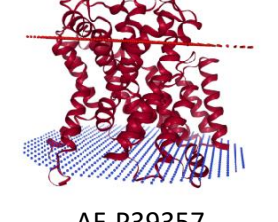
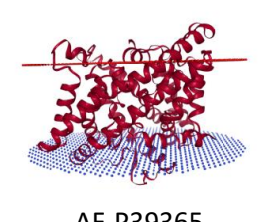



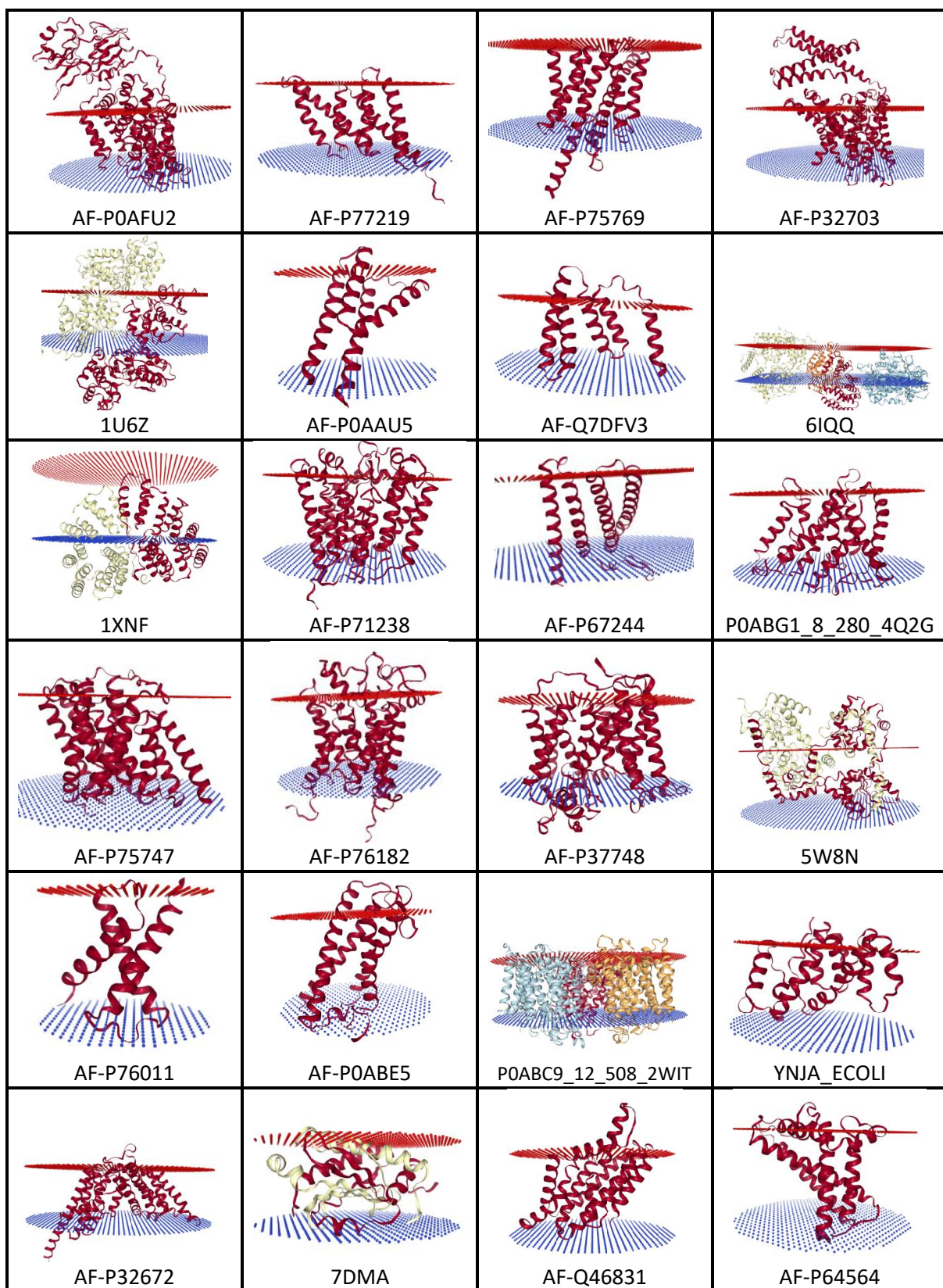
Manual Orientation of Membrane Proteins

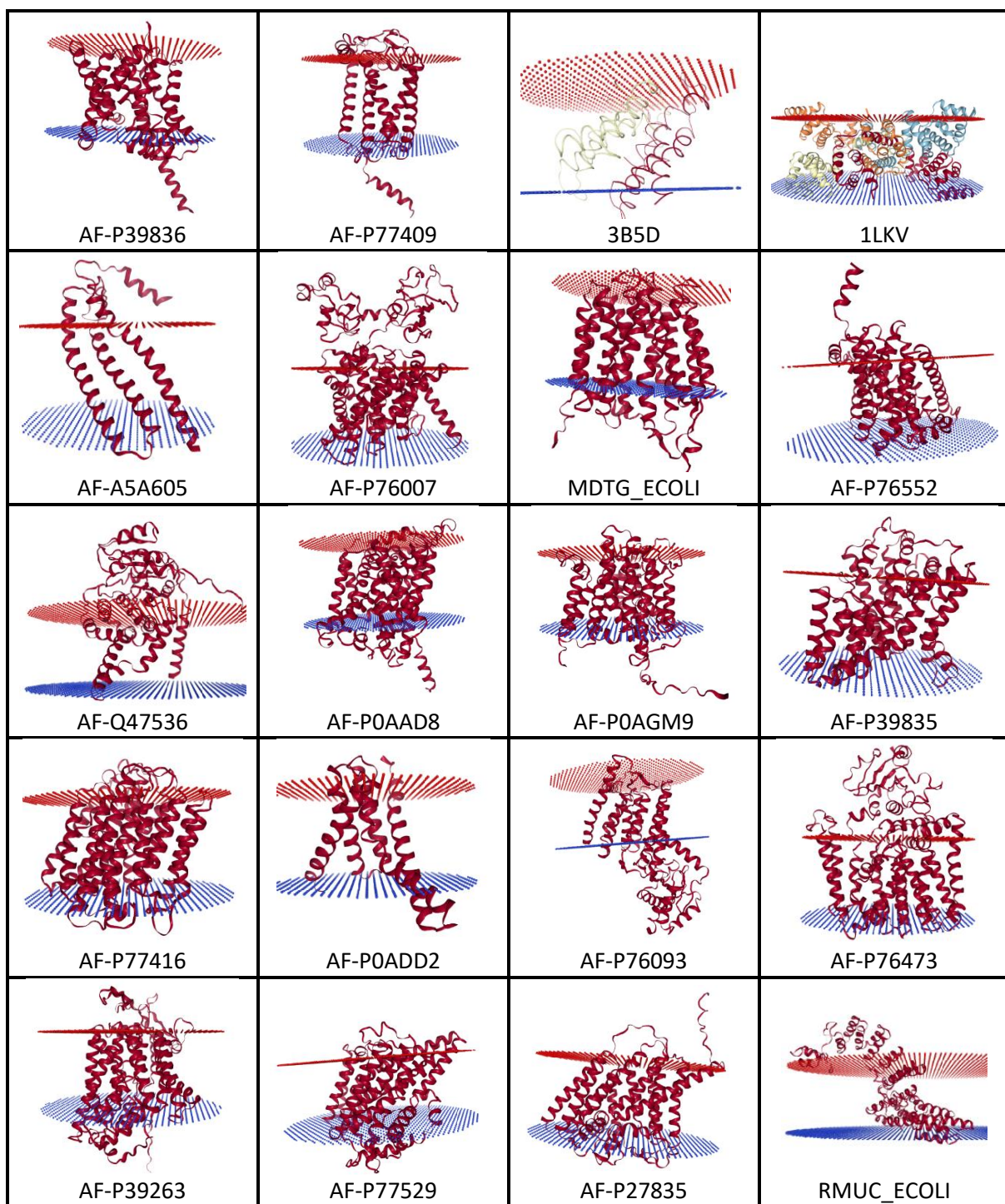
The following proteins were identified as potential membrane proteins by information provided in EcoCyc, iML1515, or Gene Ontology terms for the genes mapped to their subunits. Membrane planes that passed QCQA were identified from at least 1 of 3 methods (OPM/UniProt/TMHMM). These proteins could not be oriented (e.g. there was no topological information provided from UniProt). Manual inspection of the membrane calculations shows these to be inner membrane proteins. Literature search of the genes mapped to these structures places them in the **Inner Membrane**. These proteins are NOT able to be oriented.

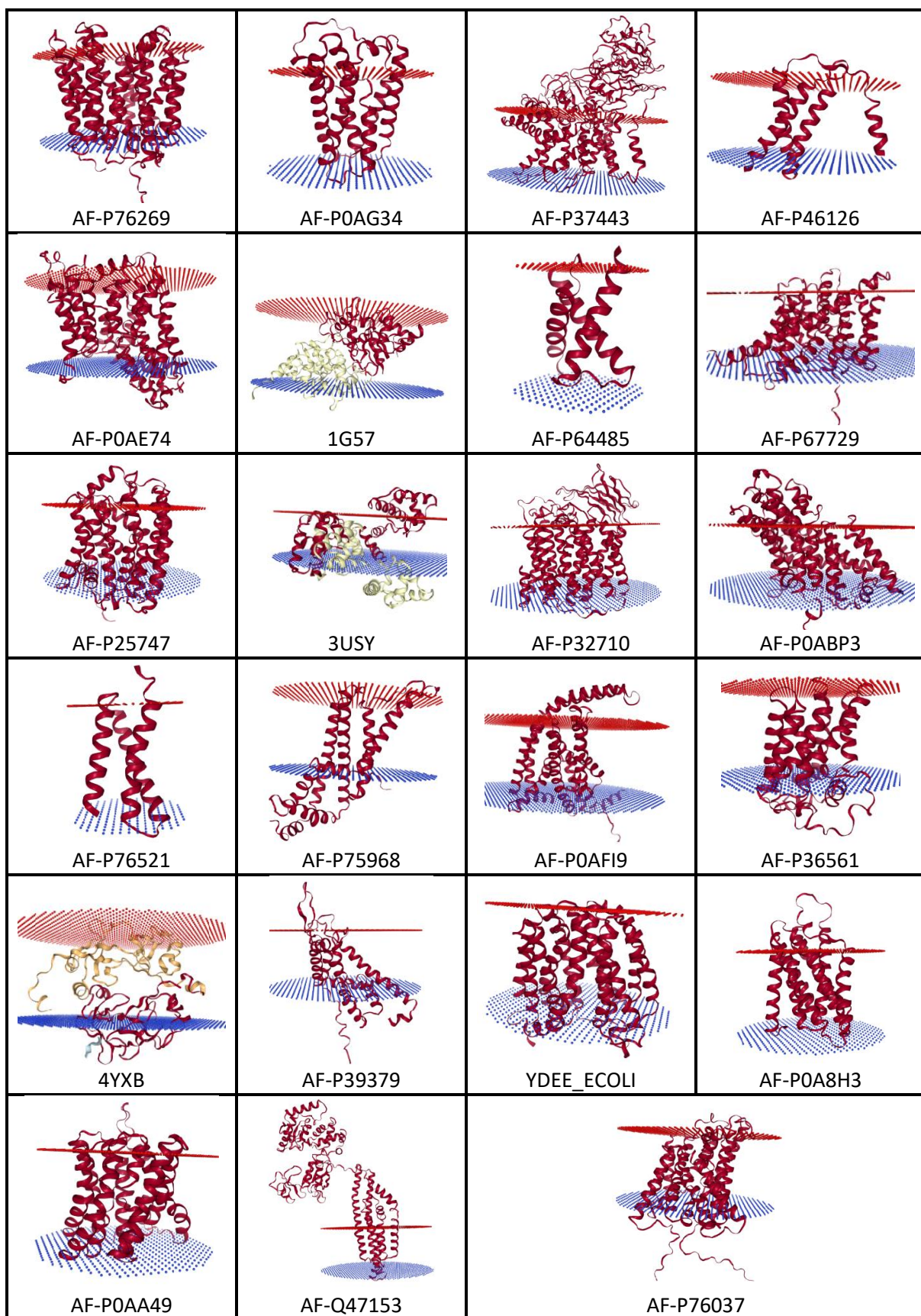
Inner Membrane Structures

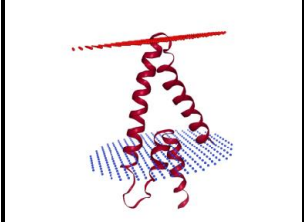
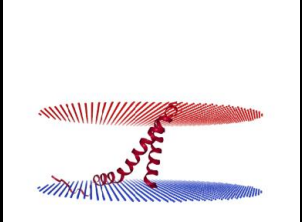
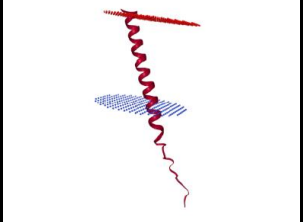
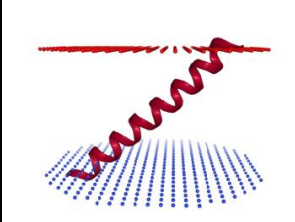
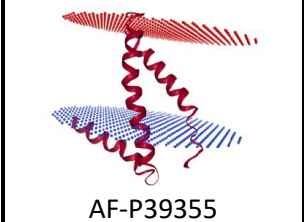
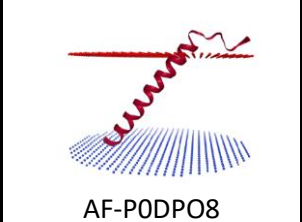
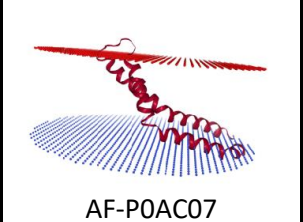
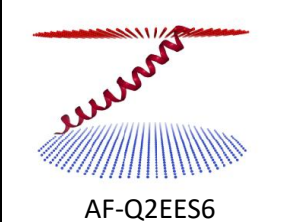
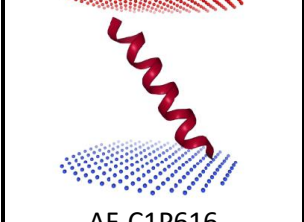
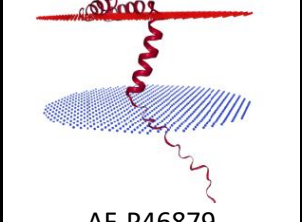

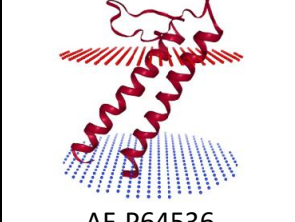
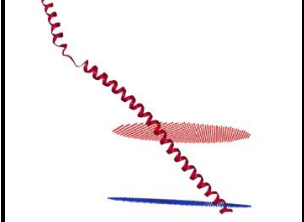
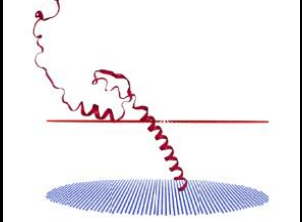
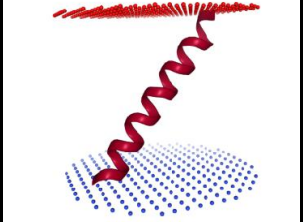
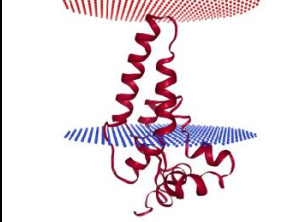
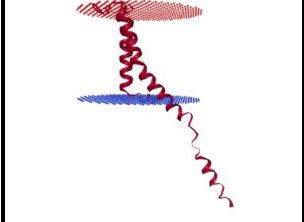
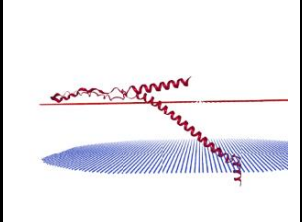
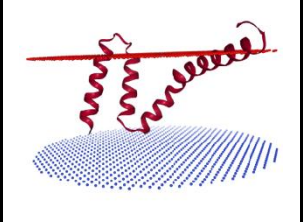
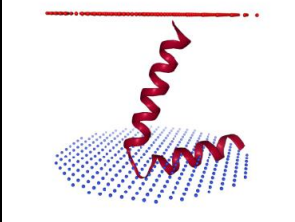
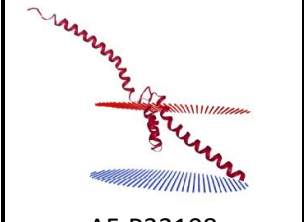
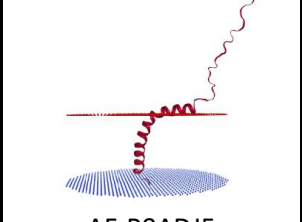
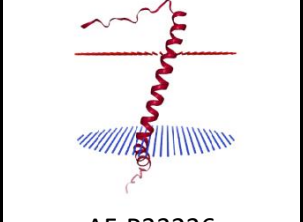
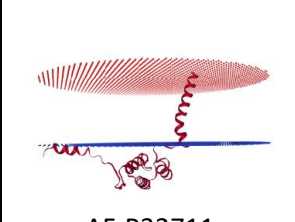
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N – IM Unknown 2			
Transporters			
			
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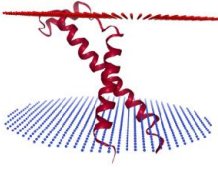
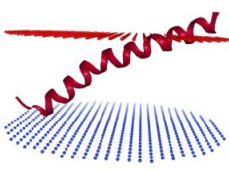
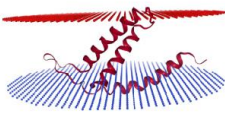

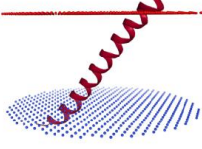
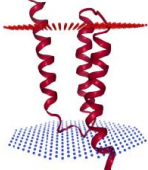
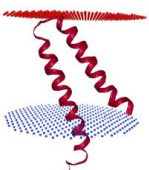
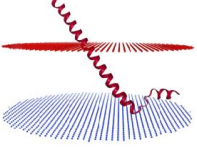
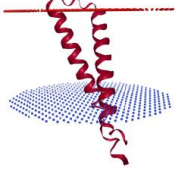
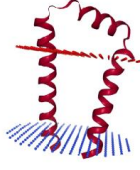
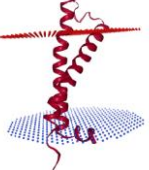
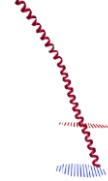
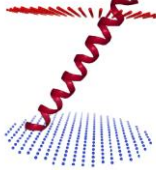
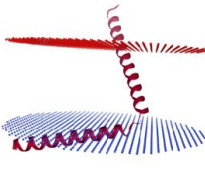
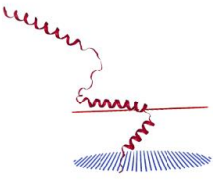
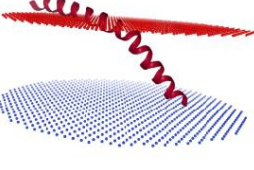

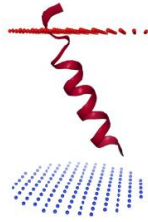

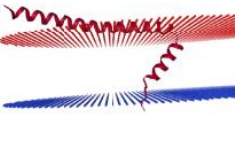
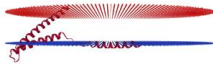
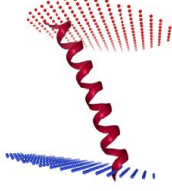

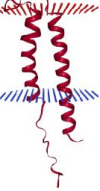
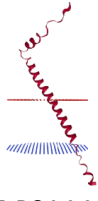
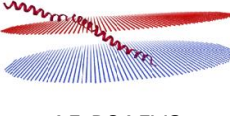
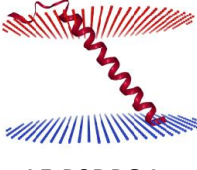
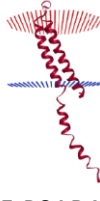
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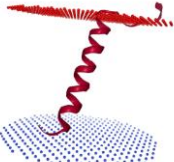
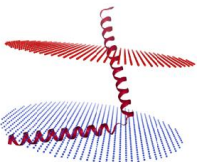
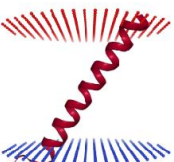
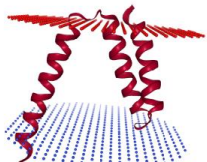
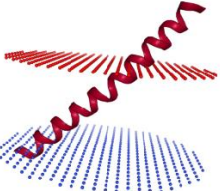
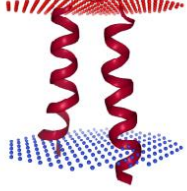
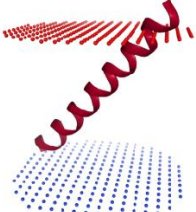

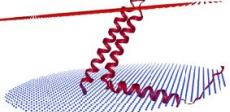
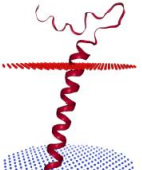
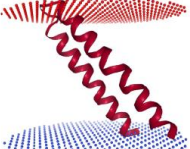

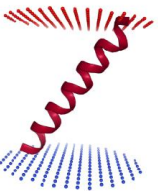
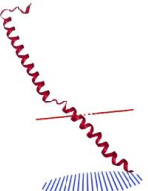
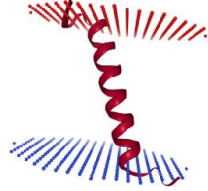
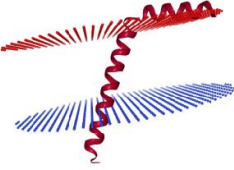
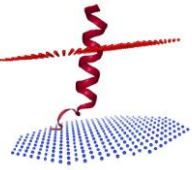
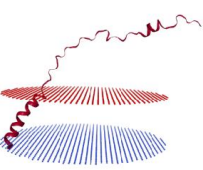
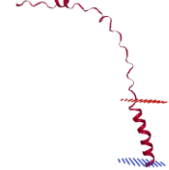
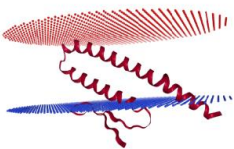
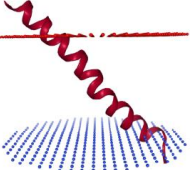
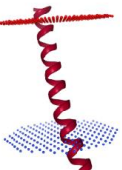
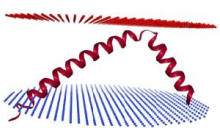
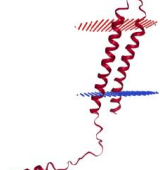






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AF-C1P602	AF-P0A9R2	AF-P0DPO1	AF-P0ADA7
			
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