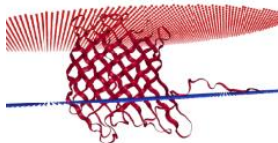
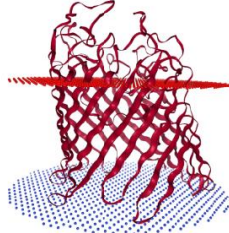
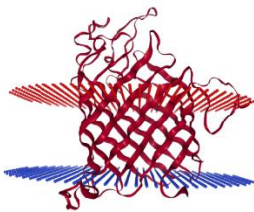
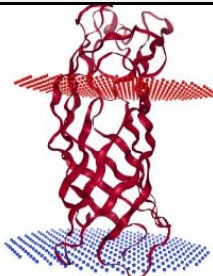
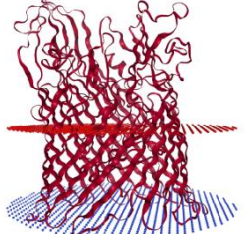
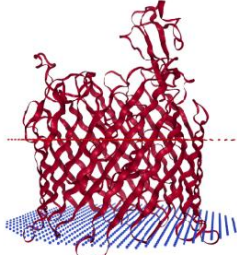
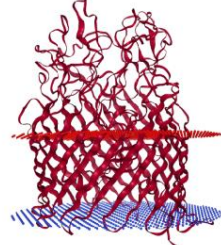
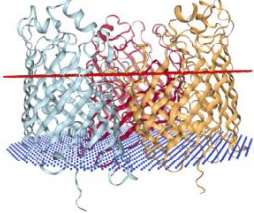
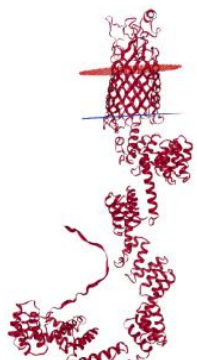
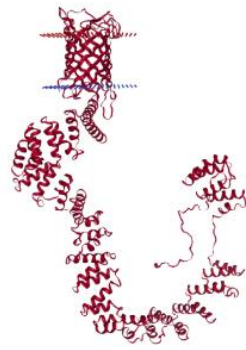
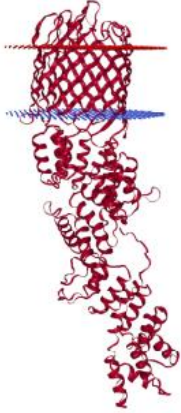
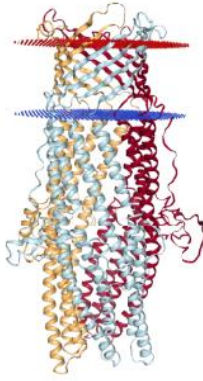
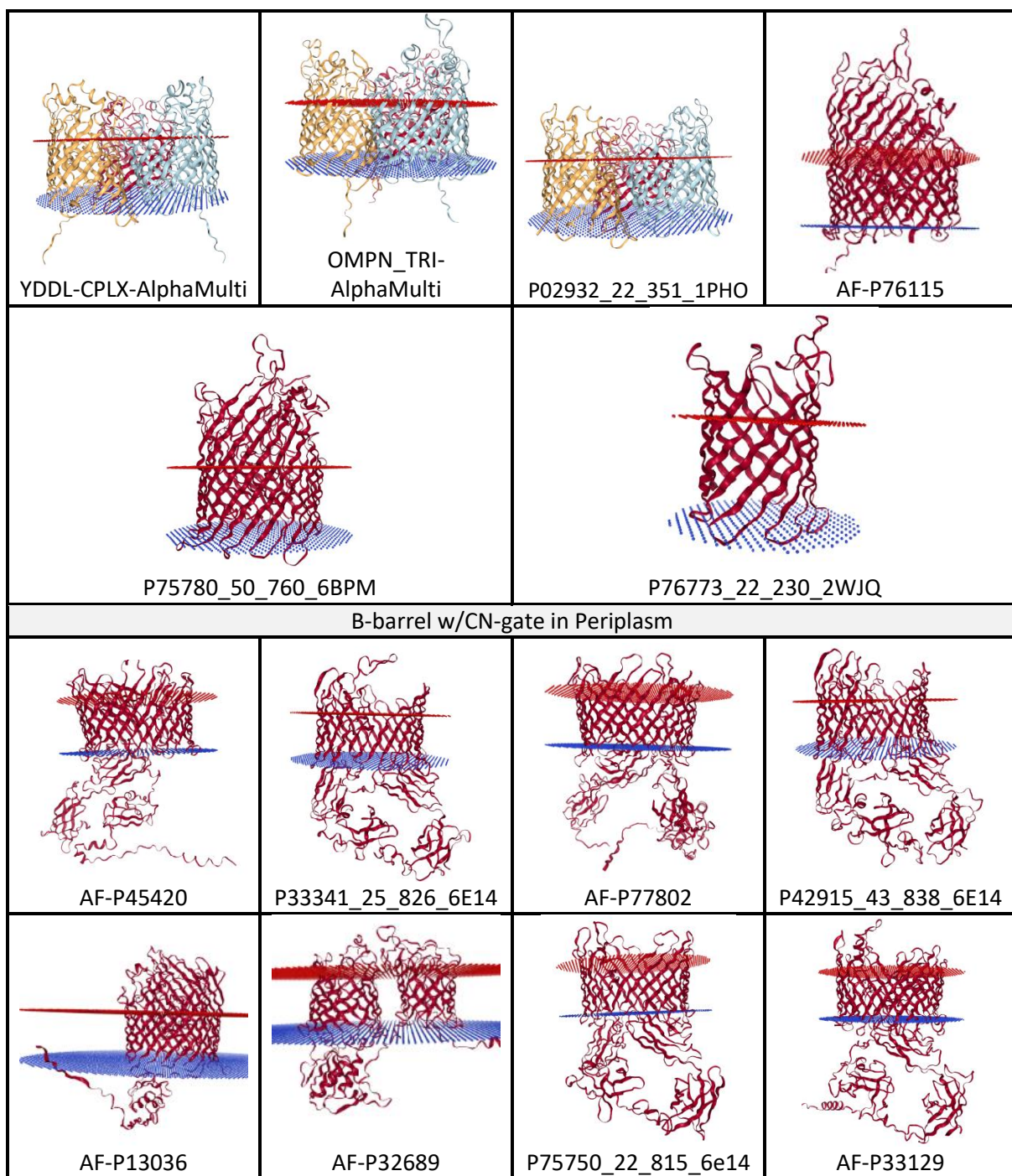


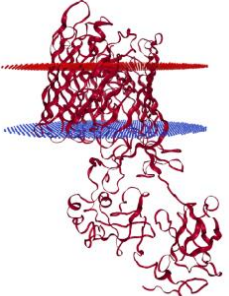
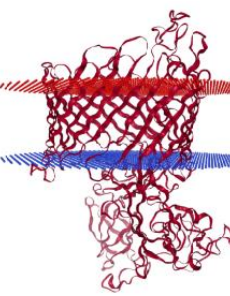
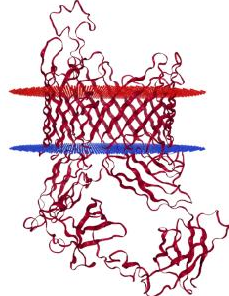
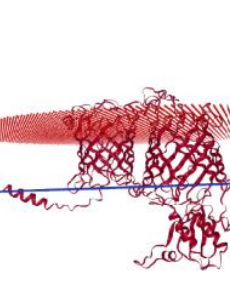
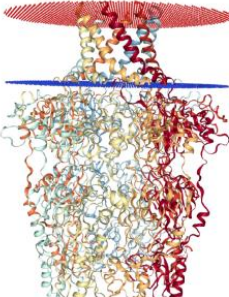
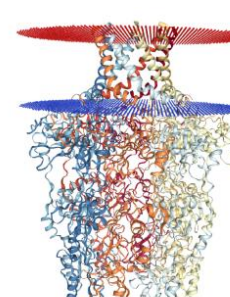
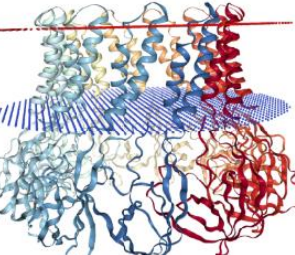
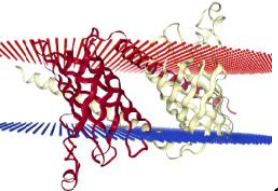
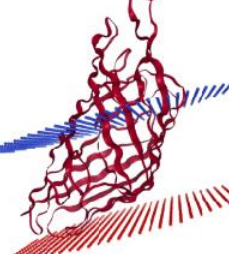
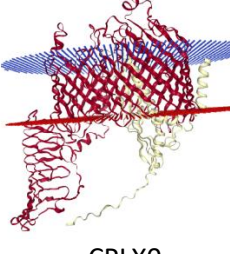
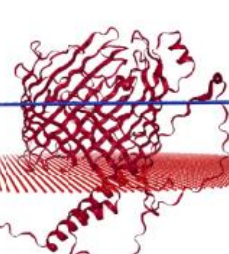
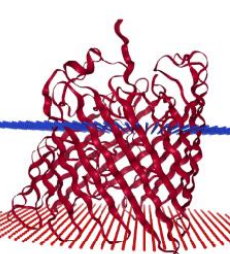
Manual Orientation of Membrane Proteins

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 membrane proteins. Literature search of the genes mapped to these structures places them in the **Outer Membrane**.

Outer Membrane Structures

O – Extracellular (OM)	Category : Outer Membrane		
N – Periplasmic (OM)			
B-barrel			
			
AF-P76206	7VTZ	AF-P0A927	2MHL
			
P31827_29_790_6OFR	P17315_31_663_2HDI	P05825_33_746_1FEP	NMPC-CPLX_AlphaMulti
			
AF-P37650	AF-P31600	AF-P69434	P77211_18_454_3PIK



			
P76655_21_820_6cd2	P77468_37_862_6e14	P75857_37_866_6e14	AF-P75882
OM - Other			
			
P0A932_22_376_2J58	P0A930_22_378_2J58	7ojg	
O – OM 1	Category : Outer Membrane		
N – OM 2			
OM - No Orientation			
			
CPLX0-1581_AlphaMulti			
N – Extracellular (OM)	Category: Outer Membrane		
O – Periplasmic (OM)			
OM – B-barrel			
			
YHJY_ECOLI	CPLX0-7628_AlphaMulti	AF-P26218	AF-Q47706

