

	Number of proteins	Number of sectors		Number of proteins	Number of sectors
<b>ALPHA-HELICAL PROTEINS</b>	<b>154</b>	<b>653</b>			
G Protein-Coupled Receptors (GPCRs)	15	40	Light-Harvesting Complexes	2	5
Channels: Aquaporins and Glyceroporins	10	47	Cys-Loop Receptor Family	2	11
ATP Binding Cassette (ABC) Transporters	10	55	Betaine/Choline/Carnitine Transporter (BCCT) Family	2	10
Channels: Potassium, Sodium & Proton Ion-Selective	10	65	Cytochromes P450	1	5
Major Facilitator Superfamily (MFS) Transporters	9	62	Electron Transport Chain Complexes: Complex III (Cytochrome bc)	1	2
Bacterial and Algal Rhodopsins	7	14	Electron Transport Chain Complexes: Complex IV (Cytochrome C Oxidase)	1	1
Channels: Other Ion Channels	7	45	Solute Sodium Symporter (SSS) Family	1	4
Multi-Drug Efflux Transporters	6	32	Energy-Coupling Factor (ECF) Transporters	1	5
Intramembrane Proteases	6	20	Outer Membrane Proteins	1	5
Amino Acid Secondary Transporters	5	6	Channels: Transient Receptor Potential (TRP)	1	15
F-type ATPase	4	5	Phosphoenolpyruvate-Dependent Phosphotransferases (PTSs)	1	1
P-type ATPase	4	22	Channels: Intercellular	1	1
Oxidoreductases	4	12	Bacterial V-type ATPase	1	4
Channels: Amt/Rh proteins	3	15	Ca2+ Cation Antiporter (CaCA) Family	1	2
Channels: Urea Transporters	3	8	Sec and Translocase Proteins	1	3
Electron Transport Chain Complexes: Complex II	3	8	Nucleobase-Cation-Symport-2 (NCS2) Family	1	4
Amino Acid/Polyamine/Organocation (APC) Superfamily	3	18	Antiporters	1	7
Channels : Formate/Nitrite Transporter (FNT) Family	3	13	SNARE Protein Family	1	1
Adventitious Membrane Proteins: Alpha-helical Pore-forming Toxins.	2	17	Oxygenases	1	1
CorA Superfamily Ion Transporters	2	13	Claudins	1	2
Solute Carrier (SLC) Transporter Superfamily	2	6	Channels: Gap Junctions	1	3
H+/Cl- Exchange Transporters	2	10	Membrane-Bound Metalloproteases	1	1
Channels: Calcium Ion-Selective	2	6	Photosystems	1	2
Membrane-Associated Proteins in Eicosanoid and Glutathione Metabolism (MAPEG)	2	6	Superfamily of K+ Transporters (SKT proteins)	1	8
Apical Sodium-Dependent Bile Acid Transporters (ASBT)	2	2	Cation Diffusion Facilitator (CDF) Family	1	3
<b>MONOTOPIC MEMBRANE PROTEINS</b>	<b>32</b>	<b>187</b>	<b>BETA-BARREL PROTEINS</b>	<b>64</b>	<b>365</b>
Lipoxygenases	5	54	Beta-Barrel Membrane Proteins: Monomeric/Dimeric	25	123
Dihydroorotate Dehydrogenases (DHODH, class 2)	4	17	Beta-Barrel Membrane Proteins: Porins and Relatives	10	59
Glycosyltransferases	4	18	Outer Membrane Carboxylate Channels (Occ)	9	26
Oxidases	4	28	Outer Membrane Autotransporters	7	62
Peptidases	3	13	Adventitious Membrane Proteins: Beta-sheet Pore-forming Toxins	6	48
Hydrolases	3	4	Omp85-TpsB Outer Membrane Transporter Superfamily	5	37
Dehydrogenases	2	10	Beta-Barrel Membrane Proteins: Mitochondrial Outer Membrane	2	10
Oxidoreductases (Monotopic)	2	12			
Cyclooxygenases	2	17			
Squalene-Hopene Cyclases	1	1			
Polymerases	1	1			
Isomerases	1	12			

**Table 1: Distribution of the proteins and sectors by structural group and functional subgroups in the membrane sector database**  
The membrane sector database contained 250 unique proteins and 1205 sectors.