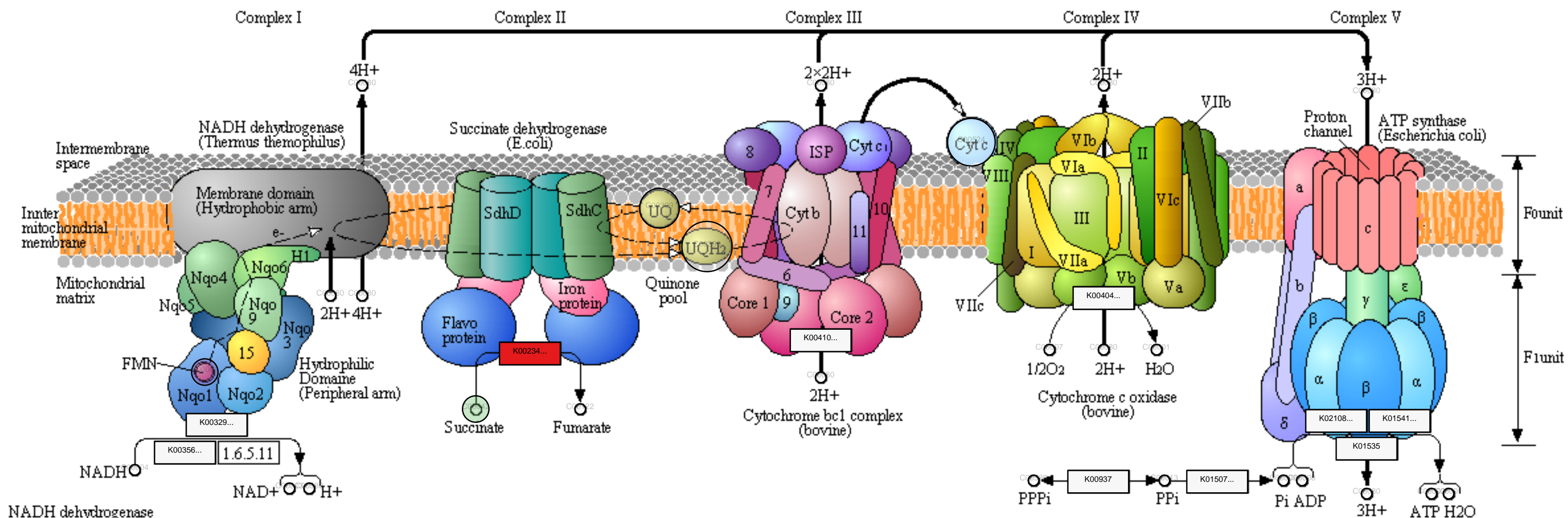


# OXIDATIVE PHOSPHORYLATION



## NADH dehydrogenase

E	K03878	K03879	K03880	K03881	K03882	K03883	K03884										
E	K03934	K03935	K03936	K03937	K03938	K03939	K03940	K03941	K03942	K03943	K03944						
B/A	K00330	K00331...	K00332...	K00333...	K00334	K00335	K00336	K00337	K00338	K00339	K00340	K00341...	K00342...	K00343			
B/A	K05574	K05582	K05581	K05579	K05572	K05580	K05578	K05576	K05577	K05575	K05573	K05583	K05584	K05585	K05586	K05587	K05588
E	K03945	K03946	K03947	K03948	K03949	K03950	K03951	K03952	K03953	K03954	K03955	K03956	K11352	K11353			
E	K03957	K03958	K03959	K03960	K03961	K03962	K03963	K03964	K03965	K03966	K11351	K03967	K03968				

## Succinate dehydrogenase / Fumarate reductase

E	K00236	K00237	K00234	K00235													
B/A	K00241	K00242...	K00239	K00240	K00244	K00245	K00246	K00247									

## Cytochrome c reductase

E/B/A	K00411...	K00410...	K00410...														
E				K00414	K00415	K00416	K00417	K00418	K00419	K00420							

## Cytochrome c oxidase

E	K02257		K02262	K02256	K02261	K02263	K02264	K02265	K02266	K02267	K02268	K02269...	K02271	K02272	K02273		K02258	K02259	K02260
B/A	K02301	K02300	K02299	K02298	K02297														
		K02277	K02276...	K02274...	K02275														
		K02829	K02828	K02827	K02826														

## Cytochrome c oxidase, cbb3-type

B	K00404...	K00405...	K00407	K00406															
---	-----------	-----------	--------	--------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

## Cytochrome bd complex

B/A	K00425	K00426																	
-----	--------	--------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

## F-type ATPase (Bacteria)

K02111	K02112	K02115	K02113	K02114															
K02108	K02109	K02110																	

## F-type ATPase (Eukaryotes)

K02132	K02133	K02136	K02134	K02135															
K02137	K02126	K02127	K02128	K02138	K02129...														
K02130...	K02140	K02131...	K02142	K02143	K02125														

## V/A-type ATPase (Bacteria, Archaeas)

K02117	K02118	K02119	K02120	K02121	K02122	K02107													
K02123	K02124																		

## V-type ATPase (Eukaryotes)

K02145	K02147	K02148	K02149	K02150	K02151	K02152	K02144												
K02154	K02155...	K02146	K02153	K03662															