Availability: CC BY 2.0 **Last modified:** 10/17/2013 Organism: Bos taurus Cytochrome C **Complex V Complex I Complex III** Complex IV Complex II **ATP Synthase** Uncoupling Protein Adenine Nucleotide **NADH-Ubiquinone** Succinate-Ubiquinone Oxidoreductase Ubiquinol-Cytochrome C Reductase Cytochrome C Oxidase F1 Complex Oxidoreductase ntermembrane Space Ubiquinone UQCRC1 COX1 ATP5A1 SLC25A4 ND1 NDUFA4 UCP1 **SDHA Matrix** ND2 NDUFB1 UQCRC2 COX2 ATP5B UCP2 SLC25A5 SDHB ND3 NDUFA1 **UQCRB** COX3 ATP5C1 UCP3 SLC25A6 **SDHC** NAD+ UQCRQ NDUFB10 SLC25A27 ND4 SDHD COX4 ATP5D ND5 NDUFB5 UQCRH COX5A ATP5E SLC25A14 H+ ND6 NDUFV3 UCRC COX5B Stalk H+ NADH ND4L NDUFAB1 UQCR COX6A2 ATP5J H+ 02 H20 NDUFA2 NDUFS6 CYTB COX6A1 FAD FADH2 ATP50 UQCRFS1 NDUFA3 NDUFA5 LOC338087 **▶** ATP F0 Complex NDUFB3 NDUFS5 COX6C **TCA Cycle** NDUFA6 NDUFS4 COX7A2 ATP6 NDUFA7 NDUFA8 COX7A3 ATP5F1 NDUFC2 NDUFS7 COX7A1 ATP5G1 Succinate NDUFB4 NDUFS8 COX7A2L ATP5G2 C subunit NDUFB6 NDUFV2 COX7B ATP5G3 NDUFA12 NDUFS3 COX7C ATP5H NDUFB7 NDUFA9 COX8A ATP5I NDUFB9 NDUFA10 **Assembly** ATP5J2 NDUFB2 NDUFS2 COX17 ATP5L NDUFB8 NDUFV1 bC1001391 NDUFC1 NDUFS1 ATP8 SCO1 ATP5S COX11 binds ATP Synthase be ATPIF1 COX15

Title: Electron Transport Chain