

Complex 1			Complex 3		
Protein	Peptide	NEH	Protein	Peptide	NEH
Ndufa2	AHPDLPILIR	20	Cytb	DVNYGWLIR	11
Ndufa2	NVSLNLSAAEVTK	25	Cyc1	GLLSLDHTSIR	21
Ndufa3	ATPYNYVPVPR	19	Uqcr1	NNGAGYFLEHLAFK	25
Ndufa4	LGPNEQYK	16	Uqcr1	SGMFWLR	10
Ndufa4	FYSVNVDYSK	11	Uqcr1	NALISHLDGTTVCEDIGR	35
Ndufa5	KLENLLQGGEEVEVILQAEK	43	Uqcr2	ITSEELHYFVQNHFTSAR	35
Ndufa5	LTIlyTK	3	Uqcr2	NALANPLYCPDYR	25
Ndufa6	VVDLLVIK	6	Uqcrb	RLPENLYNDR	20
Ndufa6	FFHETETPRPK	20	Uqcrh	SQTEEDCTEELDFDLHAR	40
Ndufa7	TAESSAVAATK	26	Uqcrfs1	EIDQEAAVEVSQLR	38
Ndufa7	EVVPPSIIMSSQK	25	Uqcrfs1	SGFPAPVLSATSR	28
Ndufa7	NWASGQDLQAK	25	Uqcr10	AFDQGADAVDYINEGK	34
Ndufa8	VSSAVLK	11	Uqcr10	LYSLLFR	8
Ndufa8	LVNGCALNFFR	17	Uqcr11	LILDWVYPYINGK	13
Ndufa9	NFDFEDVFNIPR	20	Uqcc2	FAPTRPEEK	21
Ndufa9	FLNHFANYR	15	Ttc19	DEFSVQHIR	20
Ndufa10	VVEDIEYLNYNK	17	Complex 4		
Ndufa10	YGLLASILGDK	16	Protein	Peptide	NEH
Ndufa11	LEGWELFATPK	18	Mtco1	VFSWLATLHGGNIK	19
Ndufa12	FNVSATPEQYVPYSTTR	30	Mtco2	VVLPMEPIR	17
Ndufb5	TLAILQIESEK	22	Mtco2	TDAIPGR	15
Ndufb6	FWNNFLR	8	Cox4i1	DYPLPDVAHVK	18
Ndufb7	DYCAHYLIR	16	Cox4i1	ADWSSLSR	17
Ndufb10	ELEQFTQVSK	20	Cox5a	LNDFASAVR	19
Ndufb10	VDQEIIINIQER	27	Cox5b	ASGGGVPTDEEQATGLER	44
Ndufb10	RTPAPSPQTSIPNPITYLTK	35	Cox5b	GVGALAAQALR	29
Ndufb11	AVIAPSGVER	24	Cox6a2	GDHGGAGANTWR	26
Ndufc2	TYAEILEPFHPVR	26	Cox6b1	TAPFDSR	15
Nd1	YSLFGALR	14	Cox6b1	NCWQNYLDFHR	18
Nd4	VSIILDPLTK	11	Cox6b1	GGDVSVCEWYR	19
Nd5	STSITQQLSK	18	Cox6b1	SLCPVSWVSAWDDR	25
Ndufs1	FEAPLFNAR	21	Cox6b1	IAEGTFPGK	16
Ndufs1	VALIGSPVDLYR	20	Cox6c	AYADFYR	14
Ndufs2	VLFGIETR	12	Complex 5		
Ndufs3	SLADLTAVDVPTTR	23	Protein	Peptide	NEH
Ndufs3	VVAEPVELAQEFR	32	Atp5a1	FESAFLSHVVSQHQSLGNIR	43
Ndufs5	LGISLDR	12	Atp5a1	HALIIYDDLK	17
Ndufs5	HFIFLSAEQPYK	23	Atp5a1	TSIAIDIINQK	19
Ndufs6	TGTCGYCGLQFK	15	Atp5a1	TGTAEMSSILEER	29
Ndufs7	LDDLINWAR	15	Atp5b	FLSQPFQVAEVFTGHMGK	32
Ndufs7	AHQSVAAATGSPSSTQSAVSK	49	Atp5b	EGNDLYHEMIESGVINLK	32
Ndufs7	QADVMIIVAGTLTK	22	Atp5c1	VYGTGSLALYEK	18
Ndufv1	YLVVNADEGEPGCK	26	Atp5c1	LTLTFNR	7
Ndufv1	NACDSYDFDVVVR	23	Atp5c1	THSDQFLVSFK	16
Ndufv2	DSDSILETLQR	22	Atp5d	AQSELSGADEAAR	45
Ndufv2	AAAVLPVLDLAQR	30	Atp5d	IEANEALVK	20
Complex 2			Atp5e	FSQICAK	14
Protein	Peptide	NEH	Atp5f1	PLPPLPEYGGK	20
SdhA	GEGGILINSQGER	30	Atp5f1	NNIALALEVTYR	22
SdhA	VSQLYGDLQHLK	20	Atp5h	LASLSEKPPAIDWAYR	35
SdhB	SIEPYLK	11	Atp5h	SWNETFHTR	15
SdhB	DEFTEER	17	Atp5h	NCAQFVTGSQAR	28
SdhC	NTSSNRPVSPHLTIYR	29	Atp5i	VPPVQVSPLIK	18
			Atp5i	ELAEAEVDSIFK	27
			Atp5j2	DFTPSGIAGAFR	24
			Atp5j2	ELPSWILMR	15
			Atp5l	LATFWHYAR	15
			Atp5o	LVRPPVQVYIEGR	27

Supplemental Table 1: Validation peptides and number of exchangeable hydrogens (NEH).