Supplementary

Table S1 Clinical information

Normal	Gender	Age	Choledochal cyst Type I	Gender	Age
Serum 1	F	2 years and 1 month	Serum 1	F	2 years old
Serum 2	F	2 years and 10 months	Serum 2	F	2 years and 11 months
Serum 3	M	1 years and 10 months	Serum 3	M	1 years and 7 months
Tissue 1	F	5 years old	Tissue 1	F	4 years and 5 months
Tissue 2	F	4 years and 1 month	Tissue 2	F	4 years and 2 months
Tissue 3	M	4 years and 3 months	Tissue 3	M	4 years and 4 months

https://dx.doi.org/10.21037/tp-21-336

Table S2 Differentially expressed statistics

Protein accession	Protein description	Gene name	CC/Ctrl Ratio	CC/Ctrl P value	Regulated Type
P00739	Haptoglobin-related protein OS=Homo sapiens OX=9606 GN=HPR PE=2 SV=2	*HPR*	2.9905	0.014793382	Up
P02649	Apolipoprotein E OS=Homo sapiens OX=9606 GN=APOE PE=1 SV=1	*APOE*	3.2524	0.018999802	Up
P05062	Fructose-bisphosphate aldolase B OS=Homo sapiens OX=9606 GN=ALDOB PE=1 SV=2	*ALDOB*	40.4156	0.000246362	Up
P05090	Apolipoprotein D OS=Homo sapiens OX=9606 GN=APOD PE=1 SV=1	*APOD*	2.0267	0.006121479	Up
P08294	Extracellular superoxide dismutase [Cu-Zn] OS=Homo sapiens OX=9606 GN=SOD3 PE=1 SV=2	*SOD3*	23.0034	0.023021828	Up
P09486	SPARC OS=Homo sapiens OX=9606 GN=SPARC PE=1 SV=1	*SPARC*	1.9796	0.004989172	Up
P10643	Complement component C7 OS=Homo sapiens OX=9606 GN=C7 PE=1 SV=2	*C7*	1.5337	0.010248435	Up
P15144	Aminopeptidase N OS=Homo sapiens OX=9606 GN=ANPEP PE=1 SV=4	*ANPEP*	4.8956	0.000153661	Up
P16930	Fumarylacetoacetase OS=Homo sapiens OX=9606 GN=FAH PE=1 SV=2	*FAH*	12.3001	0.004728962	Up
P18065	Insulin-like growth factor-binding protein 2 OS=Homo sapiens OX=9606 GN=IGFBP2 PE=1 SV=2	*IGFBP2*	1.9743	0.006405589	Up
P22352	Glutathione peroxidase 3 OS=Homo sapiens OX=9606 GN=GPX3 PE=1 SV=2	*GPX3*	1.7384	0.010872943	Up
P27487	Dipeptidyl peptidase 4 OS=Homo sapiens OX=9606 GN=DPP4 PE=1 SV=2	*DPP4*	1.8493	0.016492316	Up
P62328	Thymosin beta-4 OS=Homo sapiens OX=9606 GN=TMSB4X PE=1 SV=2	*TMSB4X*	2.1237	0.003051954	Up
Q06033	Inter-alpha-trypsin inhibitor heavy chain H3 OS=Homo sapiens OX=9606 GN=ITIH3 PE=1 SV=2	*ITIH3*	2.1703	0.015593813	Up
A0A0B4J1V0	Immunoglobulin heavy variable 3-15 OS=Homo sapiens OX=9606 GN=IGHV3-15 PE=3 SV=1	*IGHV3-15*	0.3975	0.008245057	Down
P00746	Complement factor D OS=Homo sapiens OX=9606 GN=CFD PE=1 SV=5	*CFD*	0.5575	0.012176958	Down
P02743	Serum amyloid P-component OS=Homo sapiens OX=9606 GN=APCS PE=1 SV=2	*APCS*	0.2848	0.015171958	Down
P02753	Retinol-binding protein 4 OS=Homo sapiens OX=9606 GN=RBP4 PE=1 SV=3	*RBP4*	0.6483	0.039632139	Down
P05109	Protein S100-A8 OS=Homo sapiens OX=9606 GN=S100A8 PE=1 SV=1	*S100A8*	0.1876	0.018809458	Down
P05154	Plasma serine protease inhibitor OS=Homo sapiens OX=9606 GN=SERPINA5 PE=1 SV=3	*SERPINA5*	0.6187	0.012346486	Down
P06276	Cholinesterase OS=Homo sapiens OX=9606 GN=BCHE PE=1 SV=1	*BCHE*	0.5993	0.016580451	Down
P06396	Gelsolin OS=Homo sapiens OX=9606 GN=GSN PE=1 SV=1	*GSN*	0.5204	0.025833185	Down
P06702	Protein S100-A9 OS=Homo sapiens OX=9606 GN=S100A9 PE=1 SV=1	*S100A9*	0.2002	0.02234349	Down
P06727	Apolipoprotein A-IV OS=Homo sapiens OX=9606 GN=APOA4 PE=1 SV=3	*APOA4*	0.2191	0.004417965	Down
P06753	Tropomyosin alpha-3 chain OS=Homo sapiens OX=9606 GN=TPM3 PE=1 SV=2	*TPM3*	0.495	0.03306392	Down
P07357	Complement component C8 alpha chain OS=Homo sapiens OX=9606 GN=C8A PE=1 SV=2	*C8A*	0.6142	0.030541186	Down
P08519	Apolipoprotein(a) OS=Homo sapiens OX=9606 GN=LPA PE=1 SV=1	*LPA*	0.0558	0.001327217	Down
P11226	Mannose-binding protein C OS=Homo sapiens OX=9606 GN=MBL2 PE=1 SV=2	*MBL2*	0.2506	0.043376141	Down
P20023	Complement receptor type 2 OS=Homo sapiens OX=9606 GN=CR2 PE=1 SV=2	*CR2*	0.6006	0.047077591	Down
P22105	Tenascin-X OS=Homo sapiens OX=9606 GN=TNXB PE=1 SV=5	*TNXB*	0.6548	0.018873365	Down
P23142	Fibulin-1 OS=Homo sapiens OX=9606 GN=FBLN1 PE=1 SV=4	*FBLN1*	0.4567	0.030113426	Down
P26447	Protein S100-A4 OS=Homo sapiens OX=9606 GN=S100A4 PE=1 SV=1	*S100A4*	0.4901	0.011098633	Down
P27918	Properdin OS=Homo sapiens OX=9606 GN=CFP PE=1 SV=2	*CFP*	0.4576	0.004226456	Down
P33151	Cadherin-5 OS=Homo sapiens OX=9606 GN=CDH5 PE=1 SV=5	*CDH5*	0.6142	0.005499131	Down
P35443	Thrombospondin-4 OS=Homo sapiens OX=9606 GN=THBS4 PE=1 SV=2	*THBS4*	0.363	0.026174531	Down
P35858	Insulin-like growth factor-binding protein complex acid labile subunit OS=Homo sapiens OX=9606 GN=IGFALS PE=1 SV=1	*IGFALS*	0.3235	0.009111509	Down
P49747	Cartilage oligomeric matrix protein OS=Homo sapiens OX=9606 GN=COMP PE=1 SV=2	*COMP*	0.3274	0.00827711	Down
P49908	Selenoprotein P OS=Homo sapiens OX=9606 GN=SELENOP PE=1 SV=3	*SELENOP*	0.4348	0.006689046	Down
P51884	Lumican OS=Homo sapiens OX=9606 GN=LUM PE=1 SV=2	*LUM*	0.6415	0.041155875	Down
P54108	Cysteine-rich secretory protein 3 OS=Homo sapiens OX=9606 GN=CRISP3 PE=1 SV=1	*CRISP3*	0.5564	0.008622924	Down
Q01459	Di-N-acetylchitobiase OS=Homo sapiens OX=9606 GN=CTBS PE=1 SV=1	*CTBS*	0.6124	0.014877518	Down
Q14520	Hyaluronan-binding protein 2 OS=Homo sapiens OX=9606 GN=HABP2 PE=1 SV=1	*HABP2*	0.662	0.016314863	Down
Q16610	Extracellular matrix protein 1 OS=Homo sapiens OX=9606 GN=ECM1 PE=1 SV=2	*ECM1*	0.6453	0.014069125	Down
Q6UXB8	Peptidase inhibitor 16 OS=Homo sapiens OX=9606 GN=PI16 PE=1 SV=1	*PI16*	0.4152	0.020683767	Down
Q92954	Proteoglycan 4 OS=Homo sapiens OX=9606 GN=PRG4 PE=1 SV=3	*PRG4*	0.6074	0.013446177	Down
Q9BXR6	Complement factor H-related protein 5 OS=Homo sapiens OX=9606 GN=CFHR5 PE=1 SV=1	*CFHR5*	0.3324	0.006963862	Down
Q9UGM5	Fetuin-B OS=Homo sapiens OX=9606 GN=FETUB PE=1 SV=2	*FETUB*	0.443	0.002032427	Down

https://dx.doi.org/10.21037/tp-21-336