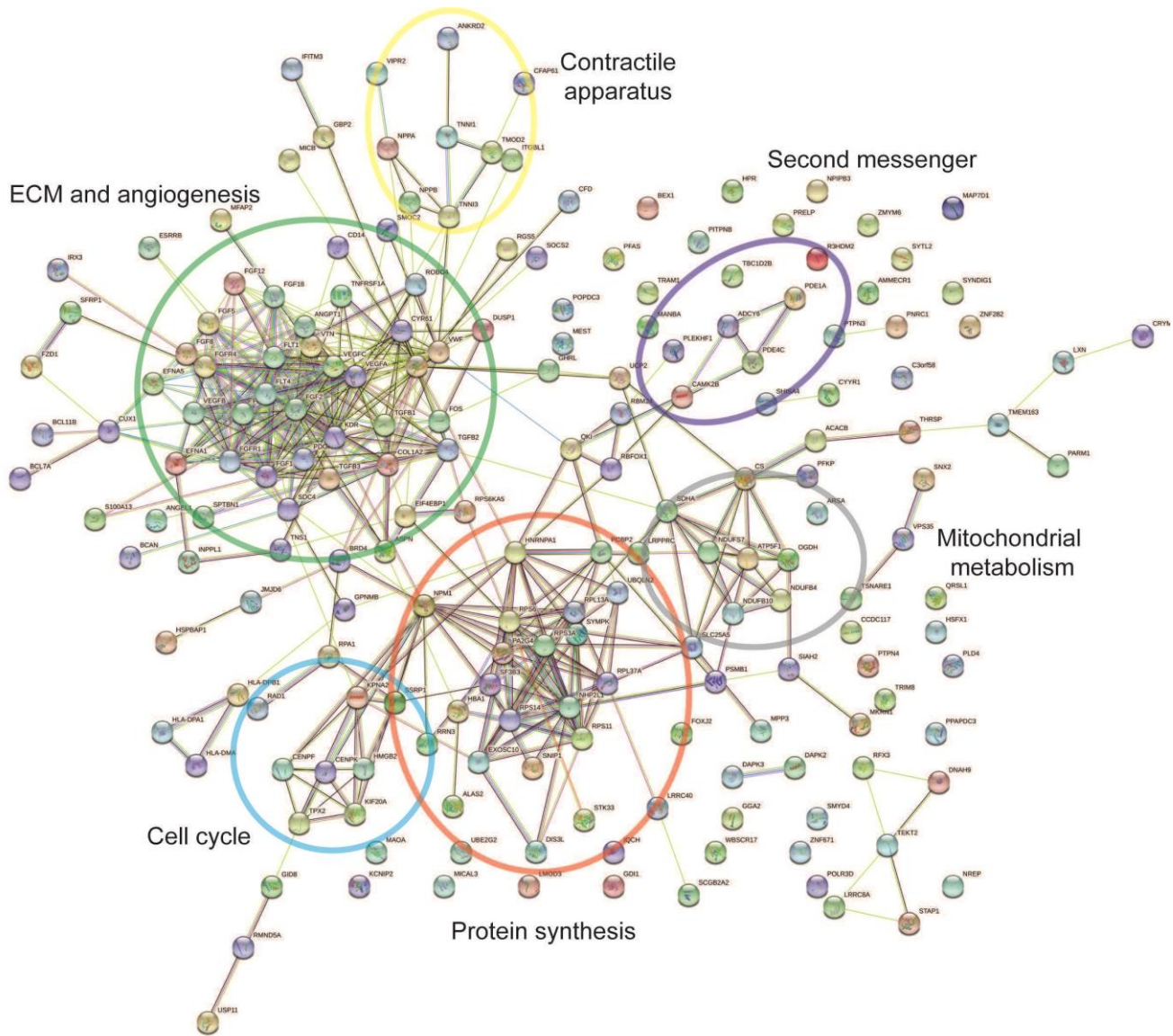


## Supplementary Material

### 1 Supplementary Figures and Tables

#### 1.1 Supplementary Figures

**Supplementary Figure 1.** Clusters of differentially expressed genes in right ventricular myocardium from studies comparing Tetralogy of Fallot patients to controls (21, 48-50).



## 1.2 Supplementary Tables

**Supplementary Table 2.** Lists of differentially expressed genes in right ventricular myocardium from studies comparing Tetralogy of Fallot patients to controls (21, 48-50).

Zhao et al. (2019)(49)	Peters et al. (2013)(21)	Zhang et al. (2012)(48)	Kaynak et al. (2003)(50)
3-Mar	VEGFA	ALAS2	A2BP1
BEX1	VEGFB	ANKRD2	ACACB
BRD4	VEGFC	ASPN	ADCY6
CCDC117	VEGFD	C20orf26	AMMECR1
DAPK3	FLT1	C5orf13	ARSA
EFNA5	KDR	CD14	ATP5F1
ESRRB	FLT4	CENPF	BCL11B
FGF18	ANGPT1	COL1A2	BCL7A
FOXJ2	TNF	CRYM	BRDG1
FZD1	TNFR1	CYR61	CAMK2B
GGA2	TGFB1	DAPK2	CS
GID8	TGFB2	DF	CYYR1
GPNMB	TGFB2R	DUSP1	D1346
GPNMB	TGFB3	EIF4EBP1	DIA1
HMGB2	TGFB3R	FOS	DKFZP566
HNRNPA1	PDGFA	GBP2	DNAH9
IRX3	EFNA1	GHRL_HUMAN	FKSG14
ITGBL1	FGF1	HBA1	FLJ10350
MANBA	FGF2	HLA-DMA	FLJ10989
MKRN1	FGF5	HLA-DPA1	FLJ20312
NPM1	FGF8	HLA-DPB1	FLJ20331
PARM1	FGF8	HPR	FLJ22623
PFKP	FGF12	KCNIP2	GDI1
PITPNB	FGF18	KIF20A	IFITM3
PLD4	FGFR1	KPNA2	INPPL1
PNRC1	FGFR4	LMOD3	KIAA0220
POLR3D		MAOA	KIAA0759

POPDC3	MEST	KIAA1055
R3HDM2	MFAP2	KIAA1353
RMND5A	MPP3	KIAA1437
RPA1	NP_073621	LOC51177
SDC4	NP_112185	LOC51189
SF3B3	NP_659440	LOC51244
SFRP1	NPPA	LRPPRC
SHISA4	NPPB	LW-1
SIAH2	O94909	LXN
SLC25A5	PIPI_HUMAN	MGC10600
SMYD4	PLEKHF1	MGC12921
SOCS2	PRELP	MGC13038
SSRP1	PTDSR	MGC2664
SYMPK	PTPN3	MGC4562
SYNDIG1	Q8TCB4	MICB
TNNI1	Q9NT46	MSTP032
UCP2	RBM24	NDUFB10
USP11	SMOC2	NDUFB4
VIPR2	SPTBN1	NDUFS7
WBSCR17	TNS	NHP2L1
ZNF282	TPX2	OGDH
ZNF671	VTN	PA2G4
		PCBP2
		PDE1A
		PDE4C
		PFAS
		PMSCL2
		PSMB1
		PTPN4
		QKI
		RAD1
		RFX3
		RNF27

ROBO4
RPL13A
RPL37A
RPS11
RPS14
RPS3A
RPS6
RPS6KA5
RRN3
S100A13
SCGB2A2
SDHA
SNIP1
SNX2
STK33
SYTL2
TEKT2
THRSP
TMOD2
TNNI1
TNNI3
TRAM
UBE2G2
UBQLN2
VPS35
VWF