

## Liver

ad lib	Bmal1	Cry1	Cry 2	Per1	Per2	Dbp	Rev-erba	Ucp1	Ucp3	Ppara	Pgc-1α	Glut2	Glut4	Pdk4	Hsl	Lpl	Srebp1c	Sirt1	Sirt3	Fas	Fgf21
Bmal1																					
Cry1	0.59																				
Cry 2	0.33	0.88																			
Per1	-0.76	-0.03	0.02																		
Per2	-0.35	0.55	0.69	0.74																	
Dbp	-0.95	-0.75	-0.59	0.68	0.11																
Rev-erba	-0.58	-0.97	-0.76	-0.06	-0.53	0.69															
Ucp1																					
Ucp3																					
Ppara	-0.60	-0.99	-0.93	0.12	-0.53	0.79	0.92														
Pgc-1α	0.52	0.97	0.76	0.12	0.58	-0.64	-1.00			-0.92											
Glut2	-0.90	-0.27	-0.13	0.96	0.61	0.84	0.21			0.34	-0.14										
Glut4																					
Pdk4	0.70	-0.16	-0.35	-0.92	-0.91	-0.51	0.16			0.12	-0.22	-0.88									
Hsl	0.49	-0.34	-0.34	-0.93	-0.89	-0.36	0.41			0.25	-0.47	-0.80		0.92							
Lpl	0.54	-0.34	-0.60	-0.75	-0.96	-0.29	0.28			0.34	-0.33	-0.70		0.95	0.82						
Srebp1c	0.53	0.98	0.81	0.10	0.60	-0.66	-1.00			-0.94	1.00	-0.16		-0.23	-0.46	-0.36					
Sirt1	0.00	-0.80	-0.88	-0.48	-0.94	0.25	0.76			0.79	-0.80	-0.30		0.71	0.75	0.83	-0.82				
Sirt3																					
Fas	-0.31	0.55	0.78	0.59	0.97	0.03	-0.46			-0.56	0.51	0.50		-0.85	-0.76	-0.97	0.54	-0.93			
Fgf21	0.11	-0.67	-0.56	-0.72	-0.88	0.02	0.74			0.57	-0.78	-0.51		0.74	0.92	0.72	-0.76	0.87			-0.75

6M	Bmal1	Cry1	Cry 2	Per1	Per2	Dbp	Rev-erba	Ucp1	Ucp3	Ppara	Pgc-1α	Glut2	Glut4	Pdk4	Hsl	Lpl	Srebp1c	Sirt1	Sirt3	Fas	Fgf21
Bmal1																					
Cry1	0.48																				
Cry 2	-0.16	0.55																			
Per1	-0.65	-0.49	0.46																		
Per2	-0.66	0.34	0.65	0.29																	
Dbp	-0.88	-0.67	0.20	0.91	0.37																
Rev-erba	-0.76	-0.93	-0.26	0.70	0.02	0.89															
Ucp1																					
Ucp3																					
Ppara	-0.97	-0.48	0.30	0.80	0.64	0.94	0.77														
Pgc-1α	0.75	-0.12	-0.77	-0.65	-0.91	-0.65	-0.26			-0.81											
Glut2	-0.97	-0.46	-0.02	0.43	0.63	0.75	0.70			0.88	-0.62										
Glut4																					
Pdk4	0.78	-0.06	-0.22	-0.11	-0.88	-0.39	-0.22			-0.66	0.71	-0.85									
Hsl	-0.21	0.63	0.97	0.34	0.78	0.14	-0.32			0.31	-0.80	0.07		-0.39							
Lpl	0.07	-0.74	-0.95	-0.20	-0.73	0.01	0.47			-0.17	0.71	0.04		0.33	-0.99						
Srebp1c	-0.20	-0.66	-0.93	-0.29	-0.36	0.07	0.48			0.04	0.48	0.39		-0.13	-0.87	0.89					
Sirt1	-0.76	-0.25	0.65	0.93	0.61	0.88	0.56			0.88	-0.88	0.57		-0.41	0.59	-0.46	-0.40				
Sirt3																					
Fas	-0.50	-0.69	-0.76	-0.09	-0.07	0.31	0.63			0.33	0.17	0.66		-0.40	-0.68	0.74	0.95	-0.14			
Fgf	0.78	0.08	-0.72	-0.82	-0.78	-0.79	-0.43			-0.88	0.97	-0.62		0.58	-0.71	0.60	0.44	-0.97			0.15

	significant correlation
	significant correlation lost for 6M feeding
	significant correlation for 6M & ad lib in SAME direction
	significant correlation for 6M & ad lib in OPPOSITE direction