

Supplemental Table 6. Human islet obesity quantitative RT-PCR analysis. Data was analyzed using *FOXMI*, BMI, age, and sex as covariate adjustments; association p-values are shown. Data was also analyzed comparing obese (BMI>30) to non-obese (BMI<30) human islet donors; folds and p-values are shown. Significant values are displayed in bold.

	FoxM1 (p-value)	BMI (p-value)	Age (p-value)	Sex (p-value)	BMI>30 vs. BMI<30 (Fold)	BMI>30 vs. BMI<30 (p-value)
FoxM1		0.0112	0.8913	0.3297	7.44	0.0120
Cyclin A1	0.6040	0.0090	0.8790	0.8979	2.45	0.0615
Cyclin A2	0.0065	0.3486	0.8997	0.8266	3.28	0.0018
Cyclin B1	0.2412	0.5142	0.5708	0.2930	1.38	0.3183
Cyclin B2	0.0001	0.1582	0.9946	0.1686	2.29	0.0235
Cyclin E1	0.1180	0.3608	0.8791	0.1875	1.59	0.2310
Cyclin E2	0.0381	0.4772	0.7155	0.0165	0.43	0.3293
Cdk1	0.0157	0.8234	0.8711	0.5340	2.16	0.0245
Cdk2	0.7234	0.4471	0.6734	0.5169	0.91	0.5221
Skp2	0.0837	0.5875	0.4490	0.0492	1.51	0.1040
KIS	0.0920	0.4550	0.9645	0.6401	1.58	0.0204
Cks1b	0.0195	0.4197	0.2755	0.6324	1.71	0.1124
Cdc25a	0.5902	0.6500	0.8137	0.0159	0.86	0.5997
PCNA	0.9318	0.3145	0.8337	0.3537	1.21	0.3570
Cdc25b	0.1178	0.7954	0.7806	0.8726	1.87	0.0519
Cdc25c	0.2802	0.1283	0.8478	0.4856	3.72	0.1083
Cks2	0.5835	0.4827	0.7872	0.5727	1.45	0.1984
Birc5	0.1546	0.1319	0.1023	0.2053	3.96	0.1140
Aurkb	0.0239	0.0740	0.3194	0.1071	5.69	0.0188
Plk1	0.0043	0.0240	0.2197	0.1797	3.84	0.0330
Cdca8	0.8044	0.0610	0.0767	0.0644	2.37	0.0053
Cenpa	0.0009	0.0194	0.3524	0.5684	3.76	0.0218
Cenpb	0.0197	0.3674	0.7635	0.3367	2.08	0.2958
Cenpe	0.0081	0.9203	0.2616	0.3534	2.67	0.0152
Cenpf	0.0009	0.7018	0.4215	0.7999	3.67	0.0045
Cdc20	0.0030	0.3126	0.2502	0.2696	2.38	0.1077
Cdca2	0.0009	0.9709	0.0330	0.2744	2.48	0.0025
Nek2	0.0989	0.0347	0.9628	0.8264	4.59	0.0612
Kif20a	0.3499	0.0987	0.2046	0.2868	3.68	0.0127
Ki67	0.2264	0.9417	0.9406	0.6192	3.80	0.0279