

SUPPLEMENTARY TABLE S3. COMPLETE RESULTS OF ANALYSIS OF VARIANCE WITH TUKEY'S MULTIPLE COMPARISONS OF QUANTITATIVE REVERSE TRANSCRIPTION-POLYMERASE CHAIN REACTION DATA

<i>Cj</i> -ESCs	F-statistic	P-value	D0:D16	D0:D30	D0:D42	D16:D30	D16:D42	D30:D42
OCT4	$F(3,8) = 6.35$	0.0165	Yes	Yes	Yes	No	No	No
SOX2	$F(3,8) = 4.71$	0.0353	No	No	Yes	No	No	No
NANOG	$F(3,8) = 14.3$	0.0014	Yes	Yes	Yes	No	No	No
KLF4	$F(3,8) = 4.69$	0.0357	No	Yes	No	No	No	No
LIN28	$F(3,8) = 2.07$	0.1824	No	No	No	No	No	No
CMYC	$F(3,8) = 15.4$	0.0011	No	Yes	Yes	Yes	Yes	No
DMNT3B	$F(3,8) = 20.4$	0.0004	Yes	Yes	Yes	No	No	No
PODXL	$F(3,8) = 8.59$	0.007	No	Yes	Yes	No	No	No
ZFP42	$F(3,8) = 26.3$	0.0002	Yes	Yes	Yes	Yes	Yes	No
PROM1	$F(3,8) = 8.22$	0.008	No	No	Yes	No	Yes	No
DCX	$F(3,8) = 12.3$	0.0023	Yes	Yes	Yes	No	No	No
NESTIN	$F(3,8) = 3.49$	0.07	No	No	No	No	No	No
OTX2	$F(3,8) = 23.5$	0.0003	Yes	Yes	Yes	No	No	No
PAX6	$F(3,8) = 51.7$	<0.0001	Yes	Yes	Yes	No	Yes	No
NEUROG2	$F(3,8) = 134$	<0.0001	Yes	Yes	Yes	Yes	Yes	No
FABP7	$F(3,8) = 19.6$	0.0005	Yes	Yes	Yes	No	No	No
HES5	$F(3,8) = 19.2$	0.0005	Yes	Yes	Yes	No	No	No
ZIC1	No test	No test	*	*	*	*	*	*
CHAT	$F(3,8) = 8.28$	0.0078	No	Yes	Yes	Yes	No	No
GFAP	$F(3,8) = 3.22$	0.0825	No	No	No	No	No	No
NEUN	$F(3,8) = 6.24$	0.6195	No	No	No	No	No	No
GAD1	$F(3,8) = 17.7$	0.0007	Yes	Yes	Yes	No	No	No
MAP2	$F(3,8) = 21.9$	0.0003	Yes	Yes	Yes	No	No	No
NEUROD1	$F(3,8) = 125$	<0.0001	Yes	Yes	Yes	Yes	Yes	No

  

<i>Cj</i> -iPSCs	F-statistic	P-value	D0:D16	D0:D30	D0:D42	D16:D30	D16:D42	D30:D42
OCT4	$F(3,8) = 4.78$	0.0341	Yes	No	No	No	No	No
SOX2	$F(3,8) = 1.02$	0.4349	No	No	No	No	No	No
NANOG	$F(3,8) = 18.6$	0.0006	Yes	Yes	Yes	No	No	No
KLF4	$F(3,8) = .831$	0.0006	No	No	No	No	No	No
LIN28	$F(3,8) = 11.3$	0.5135	No	No	No	Yes	Yes	No
CMYC	$F(3,8) = 5.13$	0.0287	No	Yes	No	No	No	No
DMNT3B	$F(3,8) = .471$	0.7112	No	No	No	No	No	No
PODXL	$F(3,8) = .602$	0.6317	No	No	No	No	No	No
ZFP42	$F(3,8) = 5.29$	0.0265	No	No	Yes	No	No	No
PROM1	$F(3,8) = 9.35$	0.0054	No	No	Yes	No	Yes	No
DCX	$F(3,8) = 172$	<0.0001	Yes	Yes	Yes	Yes	Yes	No
NESTIN	$F(3,8) = 6.18$	0.0177	Yes	Yes	No	No	No	No
OTX2	$F(3,8) = 6.13$	0.0181	No	No	No	No	Yes	No
PAX6	$F(3,8) = 20.8$	0.0004	Yes	Yes	Yes	No	No	No
NEUROG2	$F(3,8) = 229$	<0.0001	Yes	Yes	Yes	Yes	Yes	No
FABP7	$F(3,8) = 473$	<0.0001	Yes	Yes	Yes	Yes	Yes	No
HES5	$F(3,8) = 1050$	<0.0001	Yes	Yes	Yes	Yes	No	Yes
ZIC1	$F(3,7) = 104$	<0.0001	Yes	Yes	Yes	Yes	No	No
CHAT	$F(3,8) = 35.0$	<0.0001	No	Yes	Yes	Yes	Yes	No
GFAP	$F(3,8) = 8.36$	0.0076	Yes	No	Yes	No	No	No
NEUN	$F(3,8) = 69.8$	<0.0001	Yes	Yes	No	Yes	Yes	Yes
GAD1	$F(3,8) = 160$	<0.0001	Yes	Yes	Yes	Yes	Yes	No
MAP2	$F(3,8) = 22.3$	0.0003	Yes	Yes	Yes	No	No	No
NEUROD1	$F(3,8) = 92.9$	<0.0001	Yes	Yes	Yes	Yes	Yes	No

  

<i>Cj</i> -iPSCs	F-statistic	P-value	D0:D4	D0:D5	D4:D5
CXCR4	$F(3,8) = 74.54$	<0.0001	Yes	Yes	No
SOX17	$F(3,8) = 261.6$	<0.0001	Yes	Yes	No
FOXA2	$F(3,8) = 42.92$	0.0003	Yes	Yes	No

A significant difference ( $P < 0.05$ ) between time point comparisons is noted with a "yes."

\*ZIC1 was not statistically analyzed in the *Cj*-ESC line due to a lack of Ct detection in two of the three day 0 samples.