

Supplementary Table 6: Kolmogorov-Smirnov test for normal Gaussian distribution of data

Normality indicated by "Yes" below ($P > 0.05$).

Statistical analysis of normally distributed data was performed using the two-tailed unpaired Student's t-test

Statistical analysis of non-normally distributed data was performed using the Mann-Whitney test

Islets (Fig. 2A-E)

Gene	10 day NOD.B10	10 day NOD		4 week NOD.B10	4 week NOD		12 week NOD.B10	12 week NOD
<i>Ins2</i>	Yes	Yes		Yes	Yes		Yes	No
<i>Irfng</i>	No	Yes		Yes	Yes		Yes	Yes
<i>Cd4</i>	No	Yes		Yes	Yes		Yes	Yes
<i>Suclg2</i>	Yes	Yes		Yes	Yes		Yes	Yes
<i>Sdc2</i>	Yes	Yes		Yes	Yes		Yes	Yes

Pancreas (Fig. 2F-J)

Gene	E17 NOD.B10	E17 NOD		10 day NOD.B10	10 day NOD		4 week NOD.B10	4 week NOD		12 week NOD.B10	12 week NOD
<i>Ins2</i>	Yes	No		Yes	Yes		Yes	Yes		Yes	Yes
<i>Irfng</i>	No	No		Yes	No		Yes	Yes		Yes	Yes
<i>Cd4</i>	No	No		Yes	No		No	Yes		Yes	No
<i>Suclg2</i>	No	No		Yes	Yes		Yes	Yes		No	Yes
<i>Sdc2</i>	Yes	No		Yes	Yes		Yes	Yes		Yes	Yes

10 day old Islets (Fig. 3D and E)

Gene	10 day NOD.B10	10 day NOD
<i>Gipr</i>	Yes	Yes
<i>Gcgr</i>	Yes	Yes

4 week old Islets (Fig. 5F)

Gene	4 week NOD.B10	4 week NOD
<i>Olfir410</i>	Yes	Yes
<i>Olfir1428</i>	Yes	Yes
<i>Olfir15</i>	No	Yes

12 week old Islets (Fig. 6E and F)

Gene	12 week NOD.B10	12 week NOD
<i>Defb1</i>	Yes	Yes
<i>Hamp</i>	No	Yes

12 week old Pancreas (Fig. 8 A-D)

	12 week NOD.B10	12 week NOD
<i>Hamp</i>	Yes	Yes
Hepcidin-1	Yes	No
Total Iron	Yes	Yes
Ferrous iron	Yes	Yes
Ferric Iron	Yes	Yes
Ferritin	No	No