

---

**Supplementary information**

---

**Immune-evasive human islet-like organoids  
ameliorate diabetes**

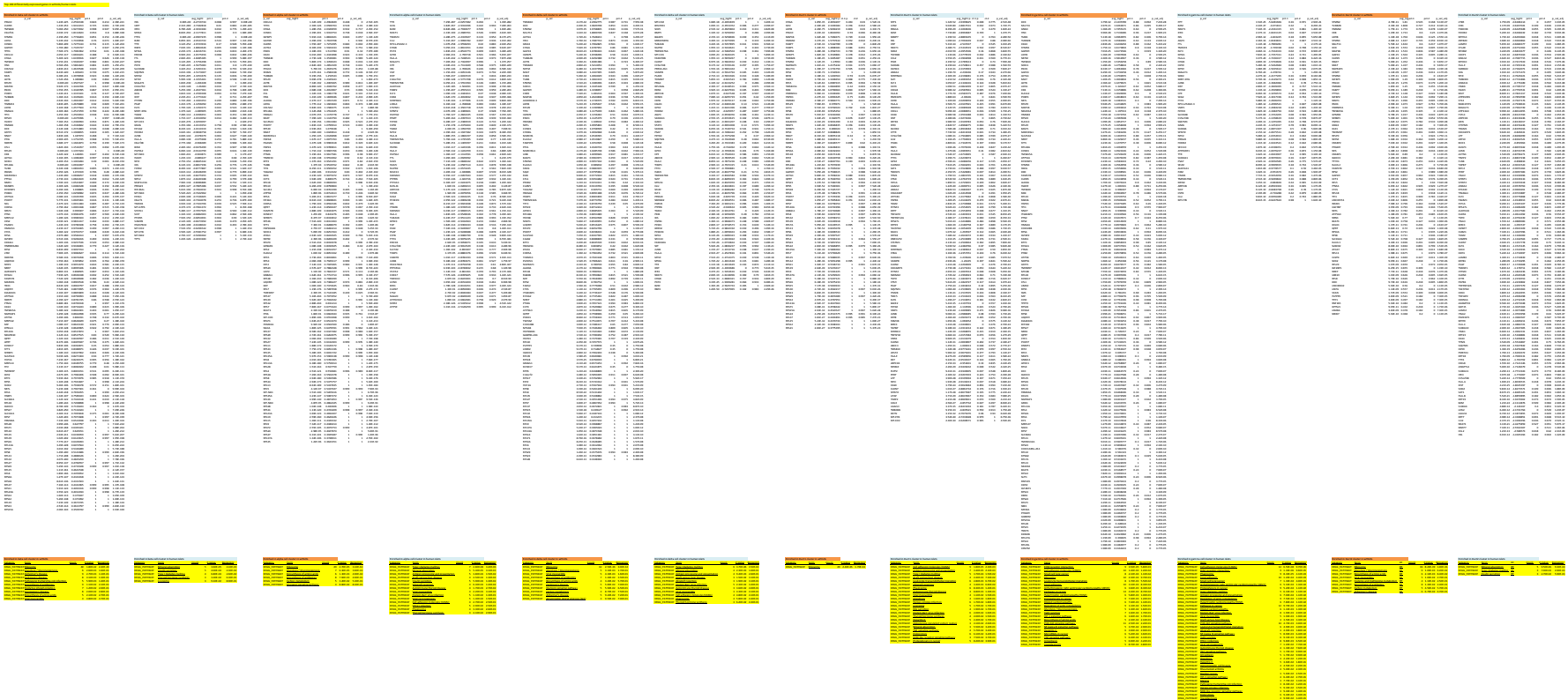
---

In the format provided by the  
authors and unedited

[illegible]

| Sample identification                           | HILO                       | WHILO      | HISLETS    |
|-------------------------------------------------|----------------------------|------------|------------|
| Estimated Number of Cells                       | 4,078                      | 4,840      | 3,245      |
| Fraction Reads in Cells                         | 88.90%                     | 89.20%     | 79.70%     |
| Mean Reads per Cell                             | 16,482                     | 13,496     | 22,195     |
| Median Genes per Cell                           | 1,582                      | 1,455      | 1,486      |
| Total Genes Detected                            | 22,003                     | 22,076     | 21,007     |
| Median UMI Counts per Cell                      | 4,754                      | 4,220      | 5,618      |
| Number of Reads                                 | 67,216,051                 | 65,324,121 | 72,025,806 |
| Valid Barcodes                                  | 98.50%                     | 98.50%     | 98.60%     |
| Reads Mapped Confidently to Transcriptome       | 58.30%                     | 58.10%     | 64.40%     |
| Reads Mapped Confidently to Exonic Reagions     | 62.20%                     | 62.00%     | 68.10%     |
| Reads Mapped Confidently to Intergenic Reagions | 24%                        | 23.70%     | 19.00%     |
| Reads Mapped Confidently to Intergenic Reagions | 4.70%                      | 4.70%      | 4.20%      |
| Reads Mapped Antisense to Gene                  | 4.10%                      | 4.00%      | 4.40%      |
| Sequencing Saturation                           | 32.30%                     | 27.00%     | 38.60%     |
| Q30 Bases in Barcode                            | 96.80%                     | 96.80%     | 96.80%     |
| Q30 Bases in RNA Read                           | 80.50%                     | 79.40%     | 80.40%     |
| Q30 Bases in UMI                                | 96.40%                     | 96.40%     | 96.40%     |
| Genomic Modification                            | CRISPR-InsulinGFP Reporter |            | None       |
| Transcriptome                                   | GRCh38                     |            |            |
| Chemistry                                       | Single Cell 3' v2          |            |            |
| Cell Ranger Version                             | 2.0.2                      |            |            |

Supplementary Table.2



Supplementary Table.3

| List of the 1000 Genomes Project |        |            |          |           |
|----------------------------------|--------|------------|----------|-----------|
| Sample ID                        | Sex    | Population | Genotype | Phenotype |
| NA19240                          | Female | European   | NA19240  | NA19240   |
| NA19241                          | Male   | European   | NA19241  | NA19241   |
| NA19242                          | Female | European   | NA19242  | NA19242   |
| NA19243                          | Male   | European   | NA19243  | NA19243   |
| NA19244                          | Female | European   | NA19244  | NA19244   |
| NA19245                          | Male   | European   | NA19245  | NA19245   |
| NA19246                          | Female | European   | NA19246  | NA19246   |
| NA19247                          | Male   | European   | NA19247  | NA19247   |
| NA19248                          | Female | European   | NA19248  | NA19248   |
| NA19249                          | Male   | European   | NA19249  | NA19249   |
| NA19250                          | Female | European   | NA19250  | NA19250   |
| NA19251                          | Male   | European   | NA19251  | NA19251   |
| NA19252                          | Female | European   | NA19252  | NA19252   |
| NA19253                          | Male   | European   | NA19253  | NA19253   |
| NA19254                          | Female | European   | NA19254  | NA19254   |
| NA19255                          | Male   | European   | NA19255  | NA19255   |
| NA19256                          | Female | European   | NA19256  | NA19256   |
| NA19257                          | Male   | European   | NA19257  | NA19257   |
| NA19258                          | Female | European   | NA19258  | NA19258   |
| NA19259                          | Male   | European   | NA19259  | NA19259   |
| NA19260                          | Female | European   | NA19260  | NA19260   |
| NA19261                          | Male   | European   | NA19261  | NA19261   |
| NA19262                          | Female | European   | NA19262  | NA19262   |
| NA19263                          | Male   | European   | NA19263  | NA19263   |
| NA19264                          | Female | European   | NA19264  | NA19264   |
| NA19265                          | Male   | European   | NA19265  | NA19265   |
| NA19266                          | Female | European   | NA19266  | NA19266   |
| NA19267                          | Male   | European   | NA19267  | NA19267   |
| NA19268                          | Female | European   | NA19268  | NA19268   |
| NA19269                          | Male   | European   | NA19269  | NA19269   |
| NA19270                          | Female | European   | NA19270  | NA19270   |
| NA19271                          | Male   | European   | NA19271  | NA19271   |
| NA19272                          | Female | European   | NA19272  | NA19272   |
| NA19273                          | Male   | European   | NA19273  | NA19273   |
| NA19274                          | Female | European   | NA19274  | NA19274   |
| NA19275                          | Male   | European   | NA19275  | NA19275   |
| NA19276                          | Female | European   | NA19276  | NA19276   |
| NA19277                          | Male   | European   | NA19277  | NA19277   |
| NA19278                          | Female | European   | NA19278  | NA19278   |
| NA19279                          | Male   | European   | NA19279  | NA19279   |
| NA19280                          | Female | European   | NA19280  | NA19280   |
| NA19281                          | Male   | European   | NA19281  | NA19281   |
| NA19282                          | Female | European   | NA19282  | NA19282   |
| NA19283                          | Male   | European   | NA19283  | NA19283   |
| NA19284                          | Female | European   | NA19284  | NA19284   |
| NA19285                          | Male   | European   | NA19285  | NA19285   |
| NA19286                          | Female | European   | NA19286  | NA19286   |
| NA19287                          | Male   | European   | NA19287  | NA19287   |
| NA19288                          | Female | European   | NA19288  | NA19288   |
| NA19289                          | Male   | European   | NA19289  | NA19289   |
| NA19290                          | Female | European   | NA19290  | NA19290   |
| NA19291                          | Male   | European   | NA19291  | NA19291   |
| NA19292                          | Female | European   | NA19292  | NA19292   |
| NA19293                          | Male   | European   | NA19293  | NA19293   |
| NA19294                          | Female | European   | NA19294  | NA19294   |
| NA19295                          | Male   | European   | NA19295  | NA19295   |
| NA19296                          | Female | European   | NA19296  | NA19296   |
| NA19297                          | Male   | European   | NA19297  | NA19297   |
| NA19298                          | Female | European   | NA19298  | NA19298   |
| NA19299                          | Male   | European   | NA19299  | NA19299   |
| NA19300                          | Female | European   | NA19300  | NA19300   |

[illegible]

| Plantain information |                                 |             |         |                |                        |
|----------------------|---------------------------------|-------------|---------|----------------|------------------------|
| Species              | Name (Latin)                    | Catalog No  | Species | Character      | Sequence Primer Paired |
| Search value         | 0.02 M (PD-L) Lentiviral Vector | Adm-LV14080 | Human   | Immunoglobulin |                        |

[illegible]