**Ignore**

|  |  |
| --- | --- |
| Column C | ECI\_200X\_black\_FFA |
| Column D | ECI\_200X\_red\_FFA |
| Column AN | WRI\_200X\_black\_FFA (Column AN) |
| Column AO | WRI\_200X\_red\_FFA (Column AO) |
| Column CA | test sample\_FFA |

**Use for calculations**

blank\_FFA

**FYI**

C1, C2, C3, R1, R2, R3 are biological replicates

r1, r2, r3 are technical replicates

You can combine them and consider 9 data points per group

**EKO Control Cells**

|  |  |  |
| --- | --- | --- |
| EKO-C1-Cells\_r1\_FFA  EKO-C1-Cells\_r2\_FFA  EKO-C1-Cells\_r3\_FFA | EKO-C2-Cells\_r1\_FFA  EKO-C2-Cells\_r2\_FFA  EKO-C2-Cells\_r3\_FFA | EKO-C3-Cells\_r1\_FFA  EKO-C3-Cells\_r2\_FFA  EKO-C3-Cells\_r3\_FFA |

**WT Control Cells**

|  |  |  |
| --- | --- | --- |
| WT-C1-Cells\_r1\_FFA  WT-C1-Cells\_r2\_FFA  WT-C1-Cells\_r3\_FFA | WT-C2-Cells\_r1\_FFA  WT-C2-Cells\_r2\_FFA  WT-C2-Cells\_r3\_FFA | WT-C3-Cells\_r1\_FFA  WT-C3-Cells\_r2\_FFA  WT-C3-Cells\_r3\_FFA |

**EKO Reactive Cells**

|  |  |  |
| --- | --- | --- |
| EKO-R1-Cells\_r1\_FFA  EKO-R1-Cells\_r2\_FFA  EKO-R1-Cells\_r3\_FFA | EKO-R2-Cells\_r1\_FFA  EKO-R2-Cells\_r2\_FFA  EKO-R2-Cells\_r3\_FFA | EKO-R3-Cells\_r1\_FFA  EKO-R3-Cells\_r2\_FFA  EKO-R3-Cells\_r3\_FFA |

**WT Reactive Cells**

|  |  |  |
| --- | --- | --- |
| WT-R1-Cells\_r1\_FFA  WT-R1-Cells\_r2\_FFA  WT-R1-Cells\_r3\_FFA | WT-R2-Cells\_r1\_FFA  WT-R2-Cells\_r2\_FFA  WT-R2-Cells\_r3\_FFA | WT-R3-Cells\_r1\_FFA  WT-R3-Cells\_r2\_FFA  WT-R3-Cells\_r3\_FFA |

**EKO Control Media**

|  |  |  |
| --- | --- | --- |
| EKO-C1-Media\_r1\_FFA  EKO-C1-Media\_r2\_FFA  EKO-C1-Media\_r3\_FFA | EKO-C2-Media\_r1\_FFA  EKO-C2-Media\_r2\_FFA  EKO-C2-Media\_r3\_FFA | EKO-C3-Media\_r1\_FFA  EKO-C3-Media\_r2\_FFA  EKO-C3-Media\_r3\_FFA |

**WT Control Media**

|  |  |  |
| --- | --- | --- |
| WT-C1-Media\_r1\_FFA  WT-C1-Media\_r2\_FFA  WT-C1-Media\_r3\_FFA | WT-C2-Media\_r1\_FFA  WT-C2-Media\_r2\_FFA  WT-C2-Media\_r3\_FFA | WT-C3-Media\_r1\_FFA  WT-C3-Media\_r2\_FFA  WT-C3-Media\_r3\_FFA |

**EKO Reactive Media**

|  |  |  |
| --- | --- | --- |
| EKO-R1-Media\_r1\_FFA  EKO-R1-Media\_r2\_FFA  EKO-R1-Media\_r3\_FFA | EKO-R2-Media\_r1\_FFA  EKO-R2-Media\_r2\_FFA  EKO-R2-Media\_r3\_FFA | EKO-R3-Media\_r1\_FFA  EKO-R3-Media\_r2\_FFA  EKO-R3-Media\_r3\_FFA |

**WT Reactive Media**

|  |  |  |
| --- | --- | --- |
| WT-R1-Media\_r1\_FFA  WT-R1-Media\_r2\_FFA  WT-R1-Media\_r3\_FFA | WT-R2-Media\_r1\_FFA  WT-R2-Media\_r2\_FFA  WT-R2-Media\_r3\_FFA | WT-R3-Media\_r1\_FFA  WT-R3-Media\_r2\_FFA  WT-R3-Media\_r3\_FFA |

**Calculate**

Log FC, P Value, etc. for the following:

1. EKO Control Cells vs. WT Control Cells
2. EKO Reactive Cells vs. WT Reactive Cells
3. EKO Control Cells vs. EKO Reactive Cells
4. WT Control Cells vs. WT Reactive Cells
5. EKO Control Media vs. WT Control Media
6. EKO Reactive Media vs. WT Reactive Media
7. EKO Control Media vs. EKO Reactive Media
8. WT Control Media vs. WT Reactive Media

**These are all the different conditions just for your reference**

EKO and WT

C and R (Control and Reactive) – C1, C2, C3, R1, R2, R3

Cells and Media