

Table S1

For each treatment, Euclidean distances in the score space have been computed between the CTRL and the treatment groups (OleA 10 nM, OleA 5 μM, HT 10 nM, HT 5 μM, 17b). A t-test with multiple comparison correction (Bonferroni) was performed to assess whether the distance for each group differs significantly from 0.

| | HT10nM | HT5uM | Ole10nM | Ole5uM | 17b |
|---------|--------|--------|---------|--------|--------|
| p-value | <1e-16 | <1e-16 | <1e-16 | <1e-16 | <1e-16 |

Table S2

An unbalanced one-way ANOVA (A) followed by pairwise comparisons with Tukey's multiple comparison correction (B) was performed on Euclidean distances computed in the LDA score space to compare the treatment groups (OleA 10 nM, OleA 5 μM, HT 10 nM, HT 5 μM, 17b) among each other's.

A. one-way ANOVA

| | Df | Sum of Sq. | F-value | Pr(>F) | significance |
|--------|----|------------|---------|----------|--------------|
| groups | 4 | 59 | 6.939 | 1.47e-05 | *** |

B. Tukey's multiple comparison correction

| comparison | estimate | p adjusted | significance |
|----------------------|-------------|------------|--------------|
| HT_5uM-HT_10nM | 0.15848135 | 0.3510470 | |
| OLE_10nM-HT_10nM | -0.24298344 | 0.0306251 | * |
| OLE_5uM-HT_10nM | -0.12234990 | 0.6009367 | |
| X17BETA_10nM-HT_10nM | 0.05362785 | 0.9535602 | |
| OLE_10nM-HT_5uM | -0.40146478 | 0.0000325 | *** |
| OLE_5uM-HT_5uM | -0.28083125 | 0.0114257 | * |
| 17b_10nM-HT_5uM | -0.10485350 | 0.6622607 | |
| OLE_5uM-OLE_10nM | 0.12063354 | 0.6140931 | |
| 17b_10nM-OLE_10nM | 0.29661128 | 0.0007775 | *** |
| 17b_10nM-OLE_5uM | 0.17597775 | 0.1447645 | |

