**Supplementary Table 2:** PUFAs and their endocannabinoid metabolites included in this study, indicating previously studied metabolites and novel findings in HEK-293 TRPV1 and TRPA1 cells.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PUFAs and their metabolites** | **TRPV1** | | **TRPA1** | |
| **Previous studies** | **Novel Findings** | **Previous studies** | **Novel Findings** |
| **PUFAs** |  |  |  |  |
| EPA | Yes | No | Yes | No |
| DHA | Yes | No | Yes | No |
| γ-LA | No | Yes | No | Yes |
| 9:3:1 ratio | No | Yes | No | Yes |
| **PUFA metabolites** | | | | |
| EPEA | No | Yes | No | Yes |
| DHEA | No | Yes | No | Yes |
| γ-LEA | No | Yes | No | Yes |
| AEA | Yes | No | Yes | No |
| 2-AG | Yes | No | Yes | No |
| 2-AG ether | Yes | No | Yes | No |
| 2-LG | Yes | No | Yes | No |
| NADA | Yes | No | Yes | No |