**Supplementary File 1**

|  |  |
| --- | --- |
| Bioactive lipid | PMID |
|   |   |
| PGF1α | 3110148 |
| PGF2α | 11438482 | 6999547 | 1415588 |
| PGF3α | 16297610 |
| PGE2\* | 30112590 |
| PGE1 | 6999547 | 24431002 | 12494264 |
| PGD2 | 6999547 |30734298 | 29671869 |
| 13, 14-dihydro-PGF2α |   |
| PGA2 | 6999547 | 15723383  |
| 8-iso-13, 14-dihydro-PGF2α |   |
| 8-iso-PGF2α\* |  11344105 | 15640282 | 18802021 | 10711349 |
| 8-iso-PGE2 | 12716476 | 10711349 | 24646155  |
| 8-iso-PGE1 | 10711349 |
| 5-iPF2α |   |
| 8, 12-iPF2α IV |   |
| LPA C14:0 | 25825155 | 30928673 |
| LPA C16:1 | 25825155 | 30928673 |
| LPA C22:6\* | 25825155 | 30928673 |
| LPA C18:2 | 25825155 | 30928673 |
| LPA C20:4 | 25825155 | 30928673 |
| LPA C22:5\* | 25825155 | 30928673 |
| LPA C16:0 | 25825155 | 30928673 |
| LPA C18:1 | 25825155 | 30928673 |
| LPA C22:4 | 25825155 | 30928673 |
| cLPA C20:4 | 25013374 | 18554524 |
| LPA C18:0 | 25825155 | 30928673 |
| cLPA C18:2 | 25013374 | 18554524 |
| cLPA C16:0 | 25013374 | 18554524 |
| cLPA C18:1 | 25013374 | 18554524 |
| cLPA C18:0 | 25013374 | 18554524 |
| S-1-P C18:1 | 28609704 | 31049553 | 20577214 | 27565080 |
| Sph C18:1 | 28609704 | 31049553 | 20577214 | 27565080 |
| Spha C18:0 |   |
| PAF C16:0 | 17588613 | 12038971 |

\*Validated markers of oxidative stress.