

**Supplementary Table 3** Fold-changes for differential metabolites of glaucoma to controls.

<b>Differential metabolites</b>	<b>Fold change (OAG/Control)</b>
Kouassi Nzougnet (2019) <sup>26</sup>	
N-acetyl-L-leucine	1.846
Cystathionine	1.656
1-oleoyl-rac-glycerol	1.608
1-oleoyl-RAC-glycerol	1.608
RAC-glycerol 1-myristate	1.316
Arginine	1.312
Xanthine	0.727
Nicotinamide	0.643
Hypoxanthine	0.558
1-methyl-6,7-dihydroxy-1,2,3,4-tetra hydroisoquinoline	0.469
Cabreriz (2017) <sup>20</sup>	
SM(d18:2/16:0)	1.69
SM(d18:1/18:0)	1.59
SM(36:2)	1.81
SM(42:3)	1.72
SM(d18:2/22:0)	1.54
ChoE(16:0)	1.68
SM(38:1)	1.62
PC(18:0/18:2)	1.31
ChoE(18:2)	2.15
PC(O-24:1/20:4)	1.79
ChoE(18:1)	2.09
SM(d18:2/20:0)	2.75
SM(d18:1/16:0)	1.41
ChoE(20:4)	2.44
ChoE(20:3)	2.43
PC(40:1)	0.22
PC(O-38:4)	0.23
Leruez (2018) <sup>25</sup>	
Methionine sulfoxide	1.31
Propionyl-carnitine	1.30
Methionine	1.27
Tyrosine	1.25
PC aa 34:4	1.22
PC ae 40:1	1.18
PC aa 34:2	1.15
PC aa 36:4	1.15
Hexose	1.09
Spermine	0.97
Spermidine	0.90
Octadecadienyl-carnitine	0.82

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SM, Sphingomyelin; PC, phosphatidylcholine; ChoE, Cholesteryl esters