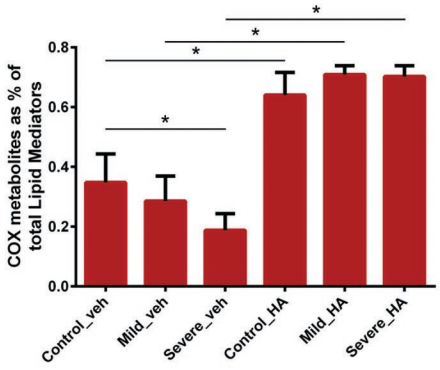
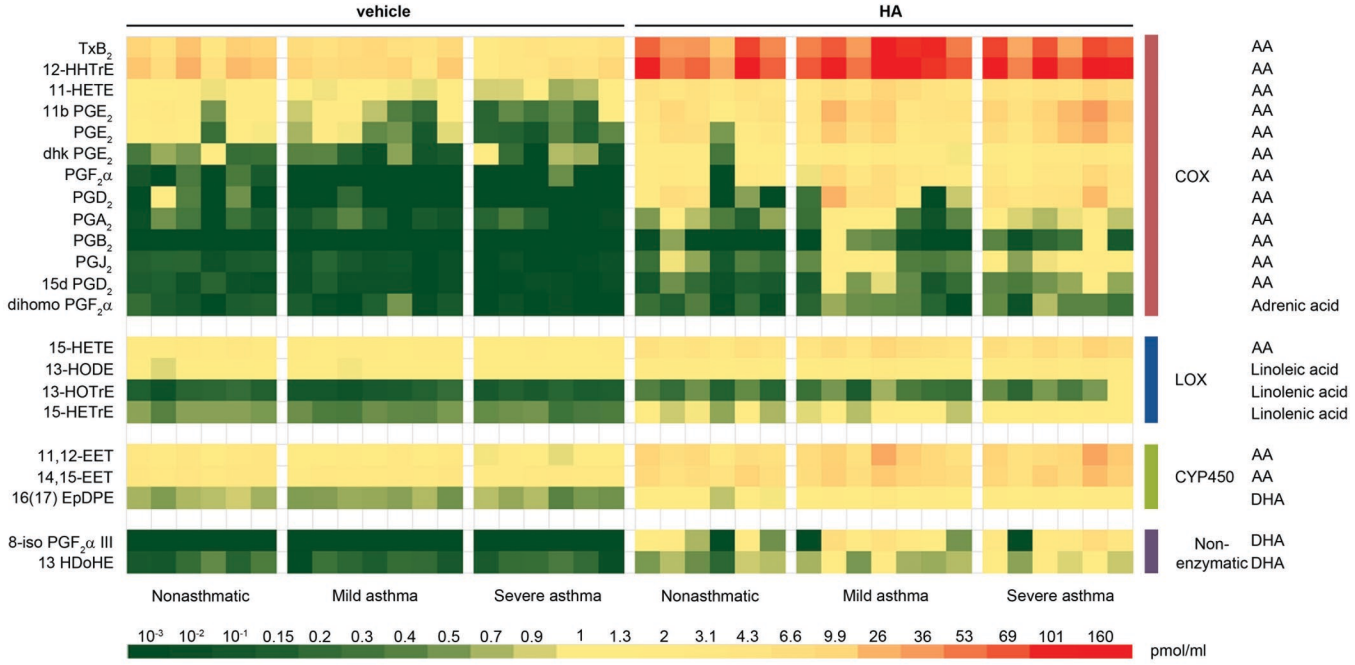
Figure E1

A


COX metabolites as % of total Lipid Mediators
0.0
0.2
0.4
0.6
0.8
*
*
*
*
Control_veh
Mild_veh
Severe_veh
Control_HA
Mild_HA
Severe_HA

B


vehicle
HA
TxB2
12-HHTrE
11-HETE
11b PGE2
PGE2
dhk PGE2
PGF2α
PGD2
PGA2
PGB2
PGJ2
15d PGD2
dihomo PGF2α
15-HETE
13-HODE
13-HOTrE
15-HETrE
11,12-EET
14,15-EET
16(17) EpDPE
8-iso PGF2α III
13 HDoHE
COX
LOX
CYP450
Non-enzymatic
AA
AA
AA
AA
AA
AA
AA
AA
AA
AA
AA
Adrenic acid
AA
Linoleic acid
Linolenic acid
Linolenic acid
AA
AA
DHA
DHA
DHA
Nonasthmatic
Mild asthma
Severe asthma
Nonasthmatic
Mild asthma
Severe asthma
10-3 10-2 10-1 0.15 0.2 0.3 0.4 0.5 0.7 0.9 1 1.3 2 3.1 4.3 6.6 9.9 26 36 53 69 101 160
pmol/ml