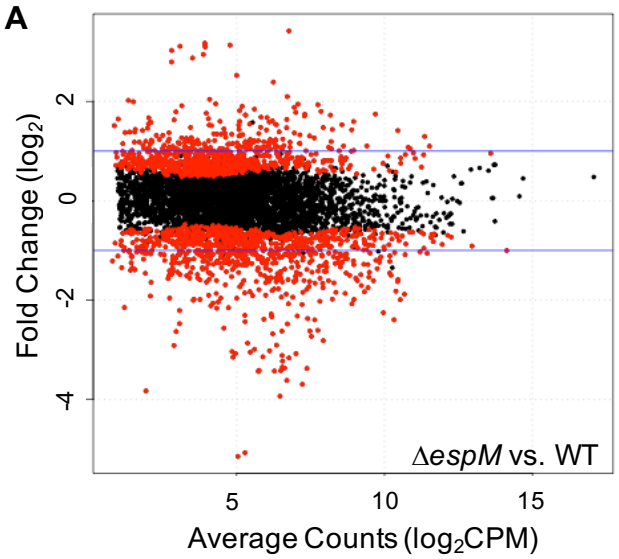
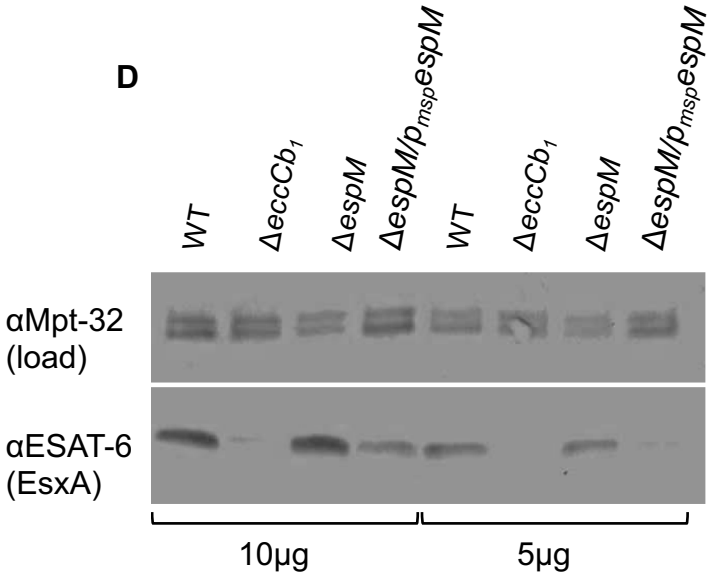
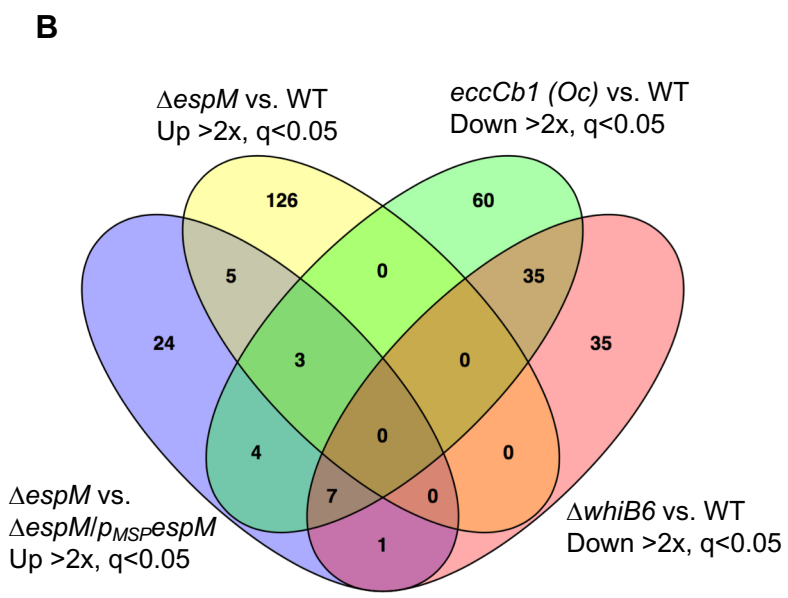
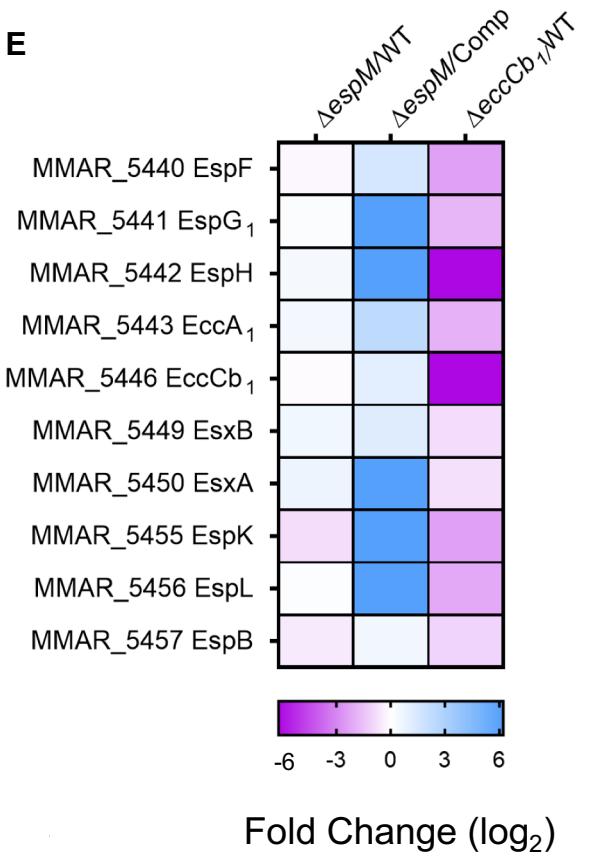
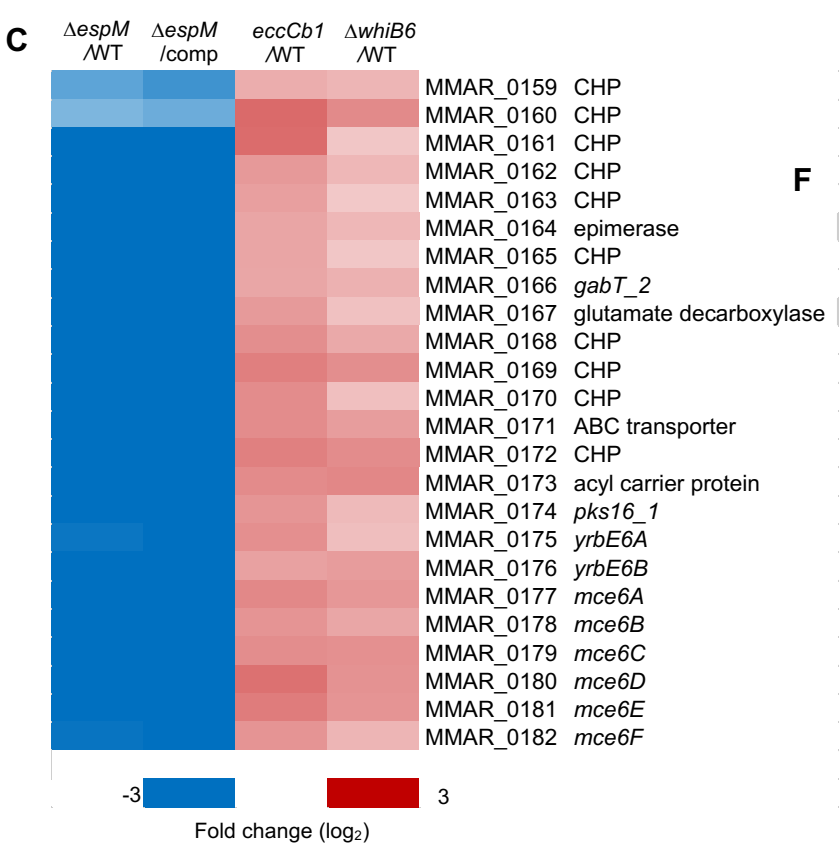
Figure S4

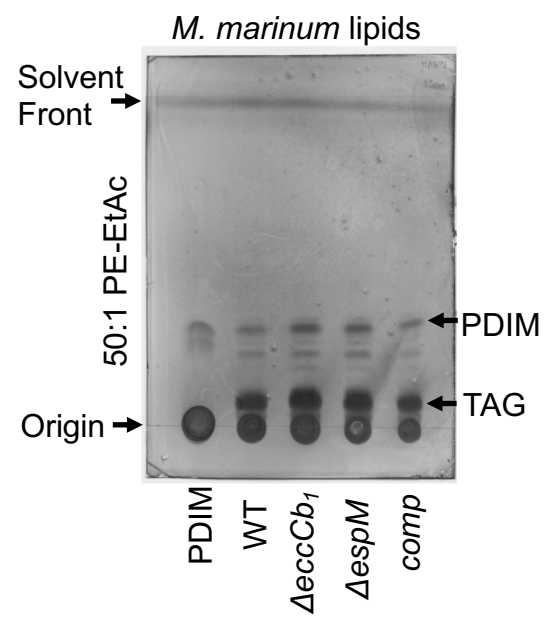

A
Fold Change (log2)
2
0
-2
-4
ΔespM vs. WT
5
10
15
Average Counts (log2CPM)


D
WT
ΔeccCb1
ΔespM
ΔespM/pmspespM
WT
ΔeccCb1
ΔespM
ΔespM/pmspespM
αMpt-32 (load)
αESAT-6 (EsxA)
10μg
5μg


B
ΔespM vs. WT
Up >2x, q<0.05
eccCb1 (Oc) vs. WT
Down >2x, q<0.05
126
60
5
0
35
24
3
0
35
4
0
0
7
0
1
ΔespM vs. ΔespM/pMSPespM
Up >2x, q<0.05
ΔwhiB6 vs. WT
Down >2x, q<0.05


E
ΔespM/WT
ΔespM/Comp
ΔeccCb1/WT
MMAR_5440 EspF
MMAR_5441 EspG1
MMAR_5442 EspH
MMAR_5443 EccA1
MMAR_5446 EccCb1
MMAR_5449 EsxB
MMAR_5450 EsxA
MMAR_5455 EspK
MMAR_5456 EspL
MMAR_5457 EspB
-6
-3
0
3
6
Fold Change (log2)


C
ΔespM /WT
ΔespM /comp
eccCb1 /WT
ΔwhiB6 /WT
MMAR_0159 CHP
MMAR_0160 CHP
MMAR_0161 CHP
MMAR_0162 CHP
MMAR_0163 CHP
MMAR_0164 epimerase
MMAR_0165 CHP
MMAR_0166 gabT_2
MMAR_0167 glutamate decarboxylase
MMAR_0168 CHP
MMAR_0169 CHP
MMAR_0170 CHP
MMAR_0171 ABC transporter
MMAR_0172 CHP
MMAR_0173 acyl carrier protein
MMAR_0174 pks16_1
MMAR_0175 yrbE6A
MMAR_0176 yrbE6B
MMAR_0177 mce6A
MMAR_0178 mce6B
MMAR_0179 mce6C
MMAR_0180 mce6D
MMAR_0181 mce6E
MMAR_0182 mce6F
-3
3
Fold change (log2)


F
M. marinum lipids
Solvent Front
50:1 PE-EtAc
PDIM
TAG
Origin
PDIM
WT
ΔeccCb1
ΔespM
comp