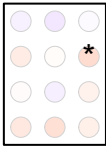
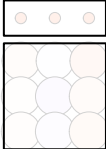


sphingomyelin\*  
 ceramide\*  
 2-arachidonoyl-GPC\*  
 glutarate



Lipids

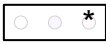
CD8+MtotalCXCR3+  
 CD8+MAITIL-17-INFg+  
 CD8+MAITINFg+TNFa+  
 CD8+MAITtotalINFg+



CD8 CXCR3+

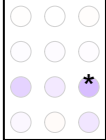
INFg+ CD8 MAIT

CD4+MCD25



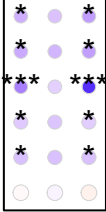
Treg Memory

tetradecanedioate  
 hexadecanedioate  
 eicosanedioate  
 octadecenedioate



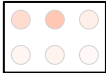
Dicarboxylate

Th17M +CD161-IL-17+INFg+  
 Th17M +IL-17+INFg+  
 Th17M -IL-17+INFg+  
 Th17M +IL-17+INFg-  
 Th17M +totalIL-17+  
 Th17M +CD161+



Th17 Memory

glycoursodeoxycholate  
 isoursodeoxycholate



2nd Bile Acid

Patient  
 Short  
 Long  
 Module