



RNA seq

Experimental outline



Group 1

- $n = 5$
- C57BL/6
- Normal chow diet



Group 2

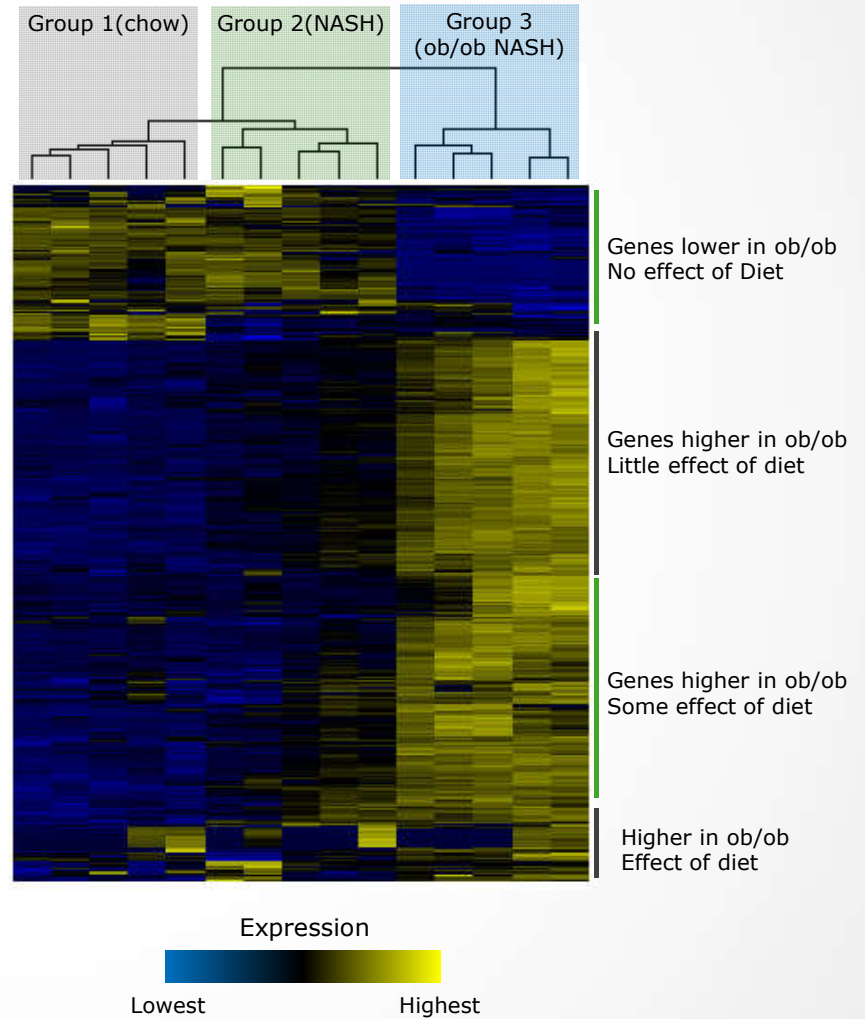
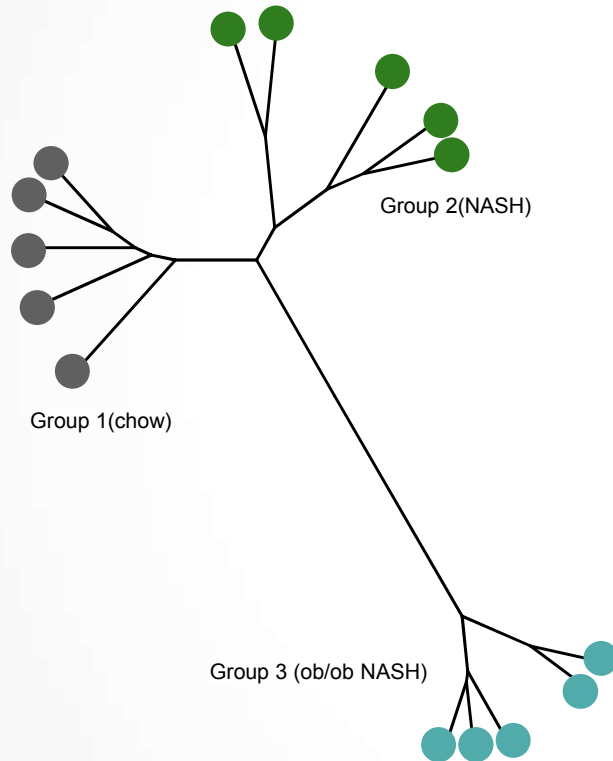
- $n = 5$
- DIO C57BL/6
- NASH diet (40% HFD, 18% fructose, 2% cholesterol)



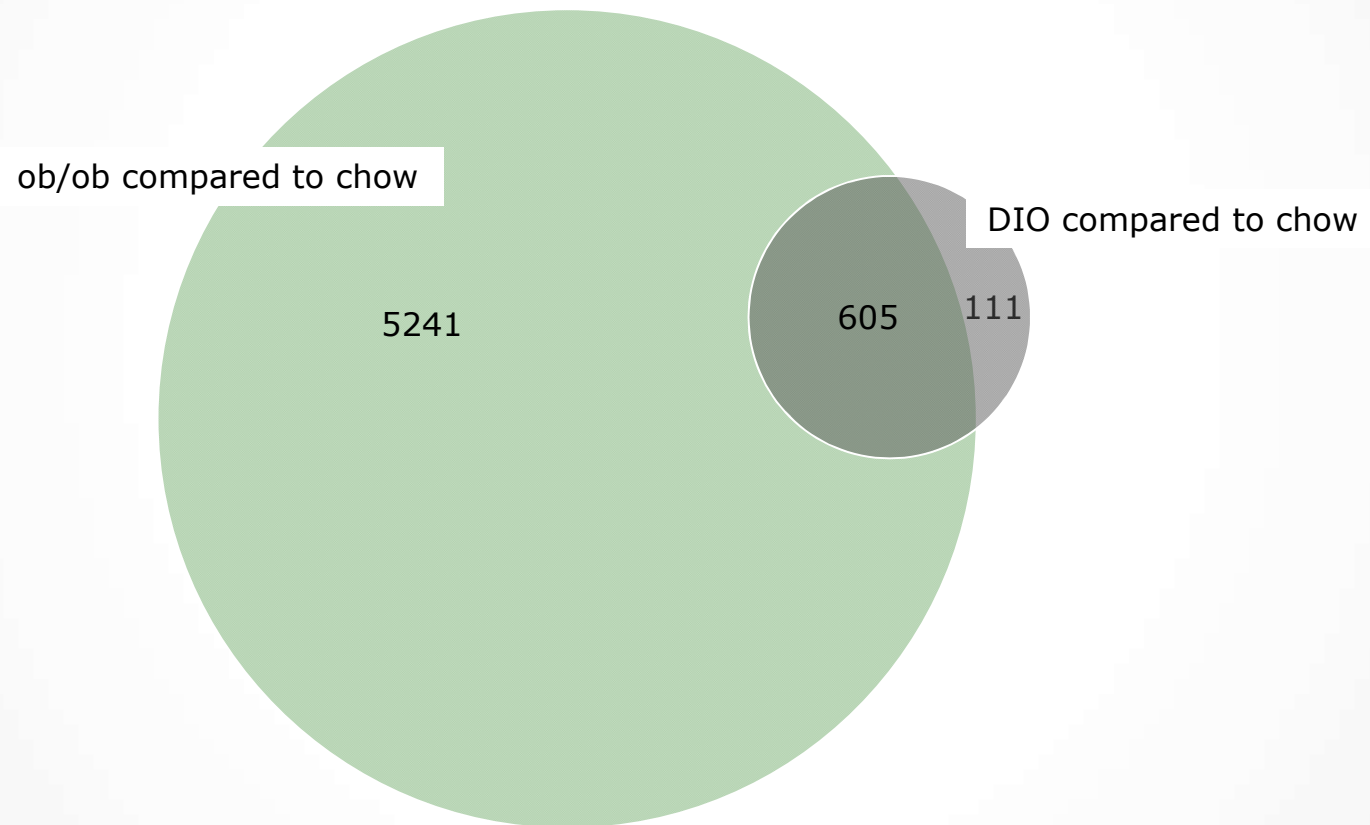
Group 3

- $n = 5$
- *ob/ob*
- NASH diet (40% HFD, 18% fructose, 2% cholesterol)

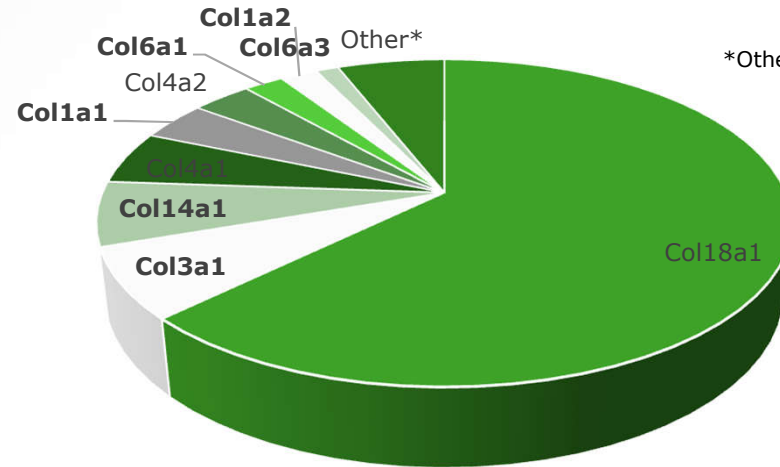
Global gene expression profiling



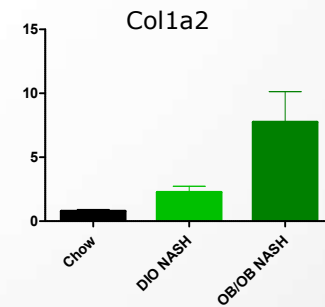
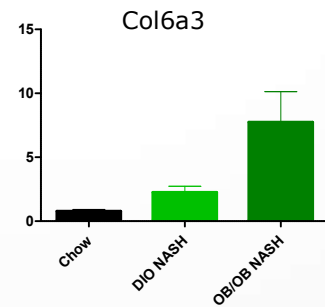
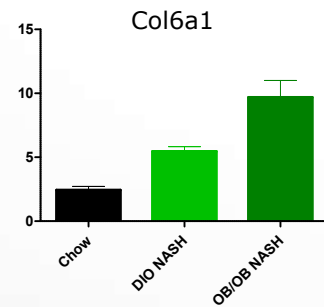
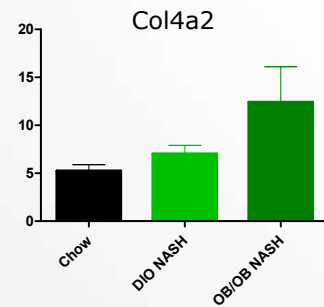
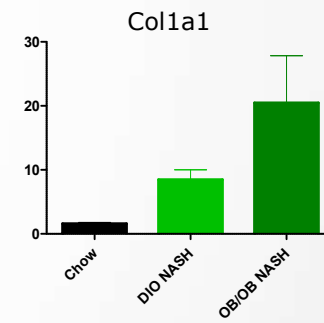
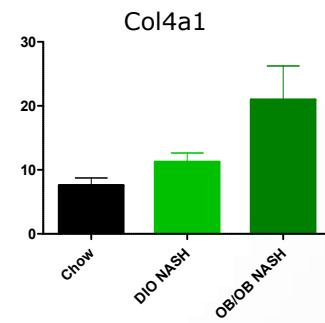
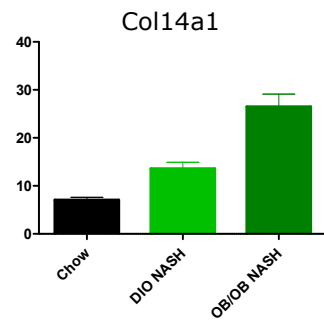
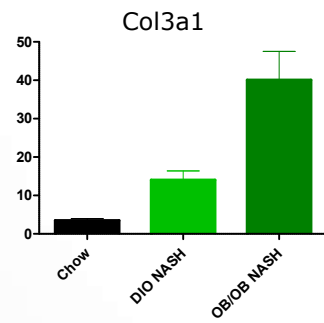
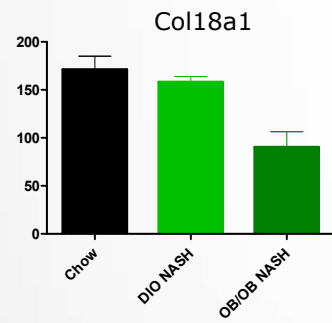
Differentially expressed genes



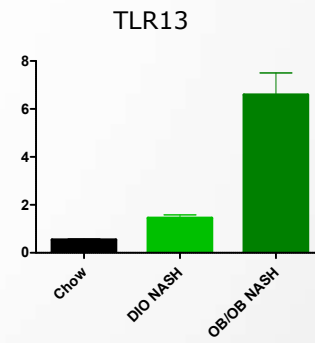
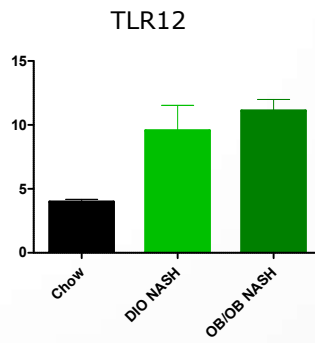
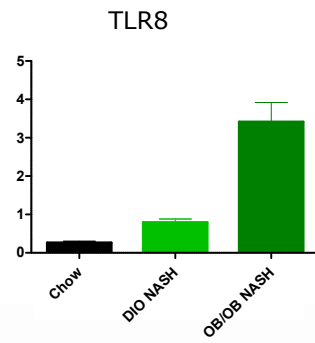
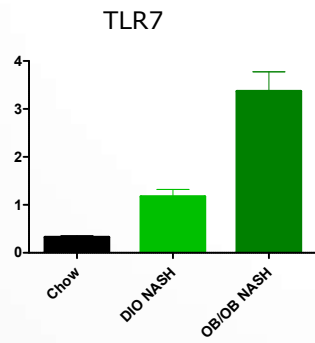
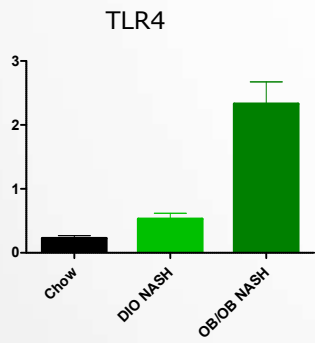
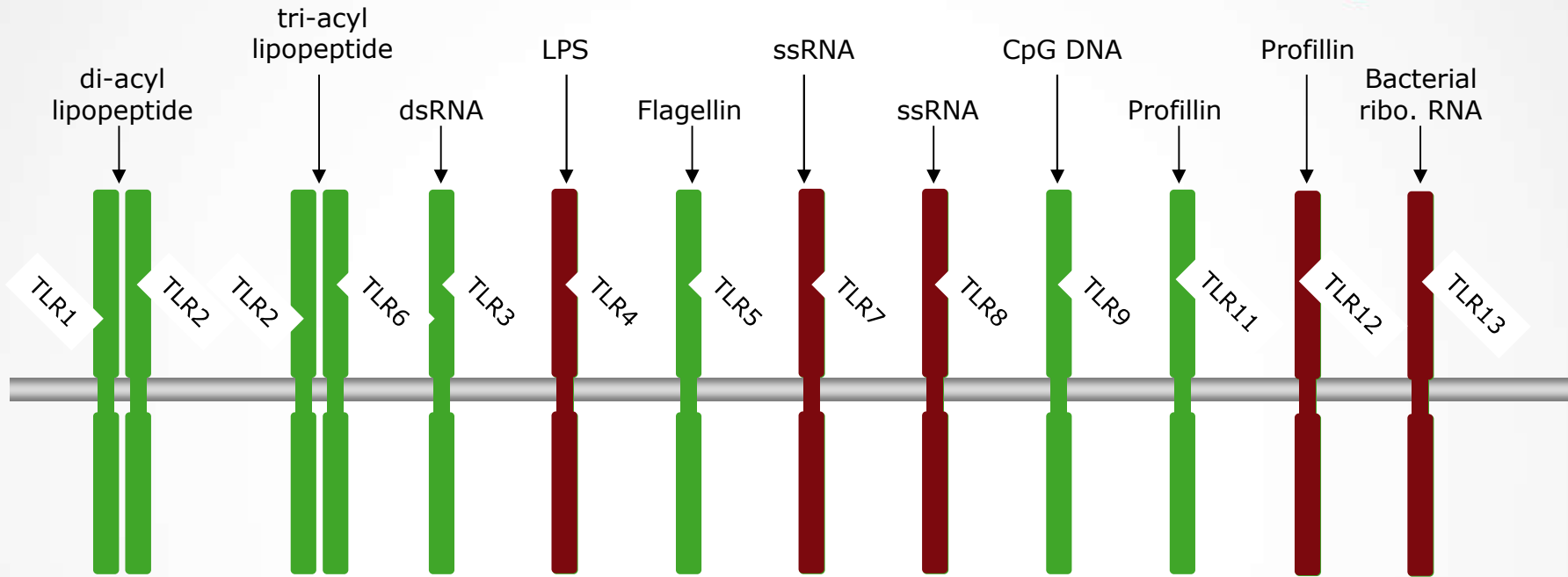
Collagen profiling



*Other = Col15a1, Col6a2, Col5a3, Col5a1, Col5a2, Col27a1, Col4a5, Col16a1, Col13a1, Col8a1



Toll-like receptor signaling



Regulation of cholesterol and lipid biosynthesis

