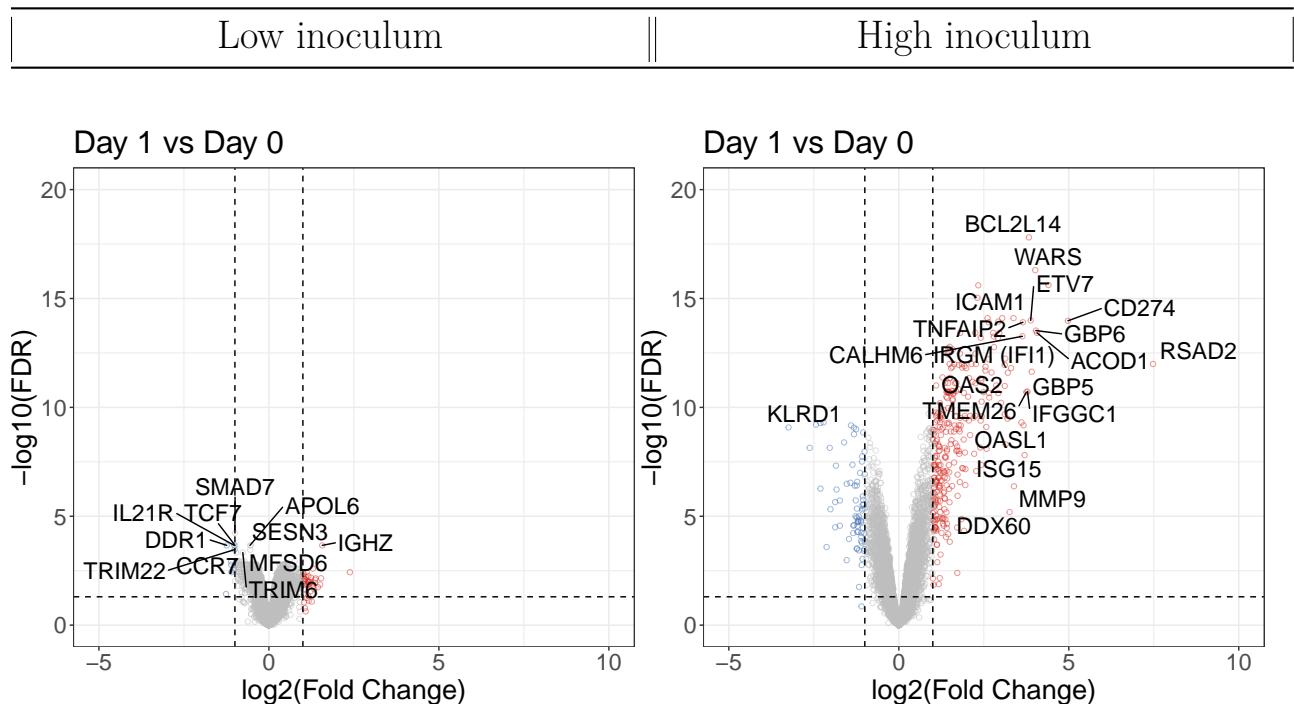
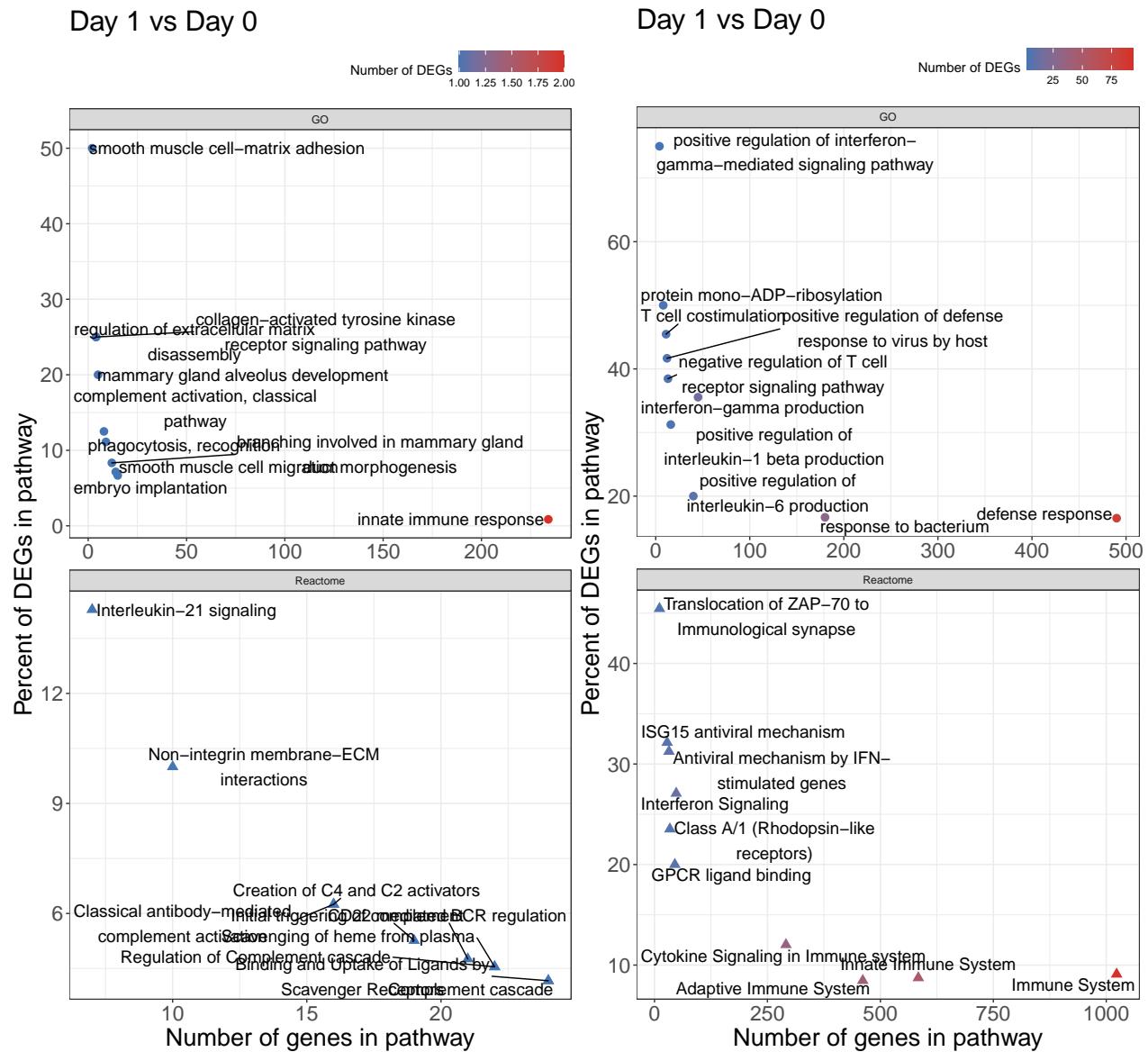
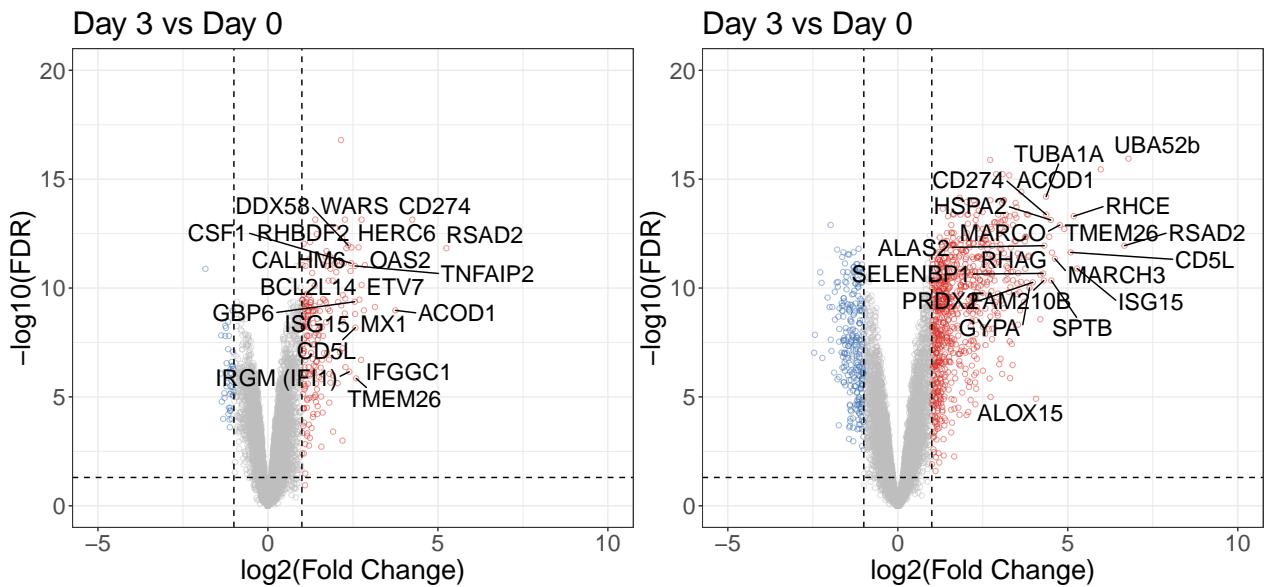


edgeR Babesia RNAseq analysis

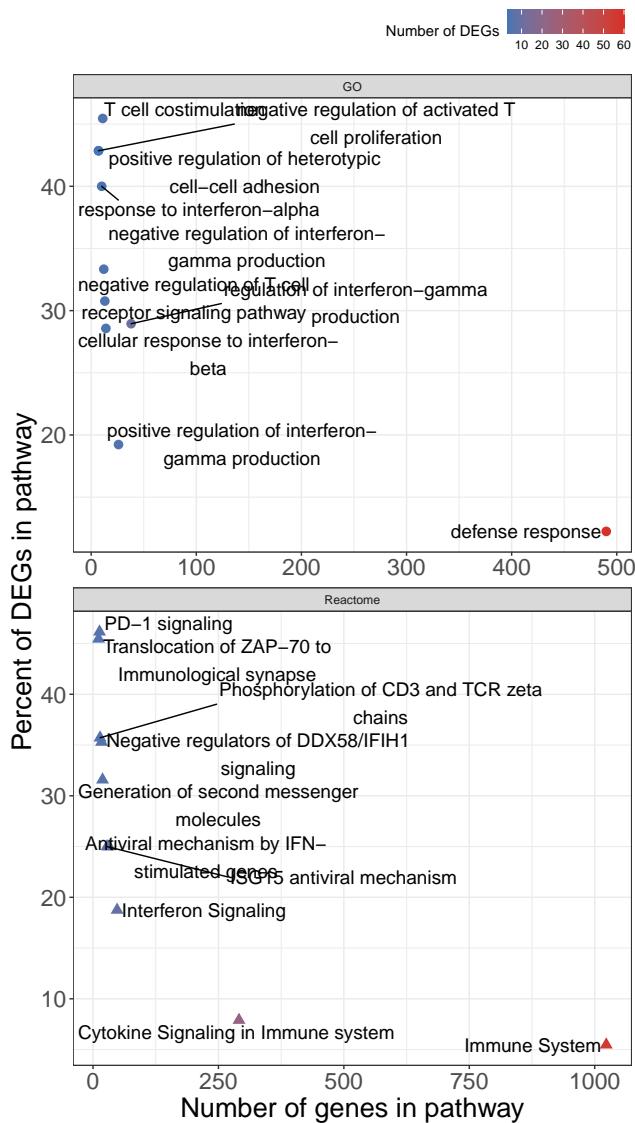
Pairwise day-by-day comparisons



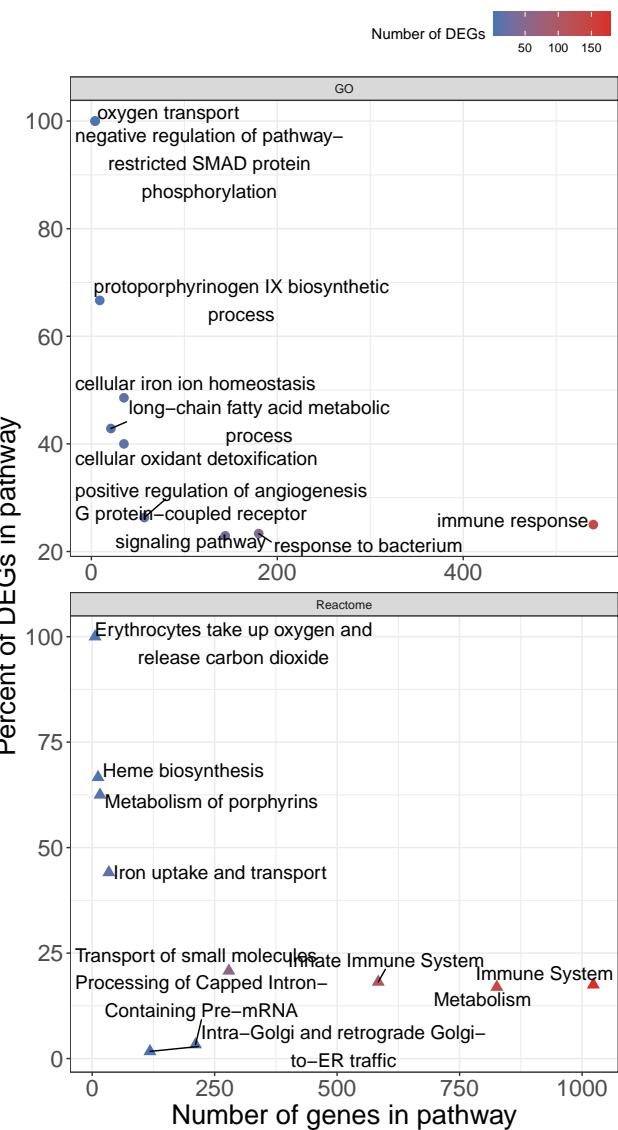


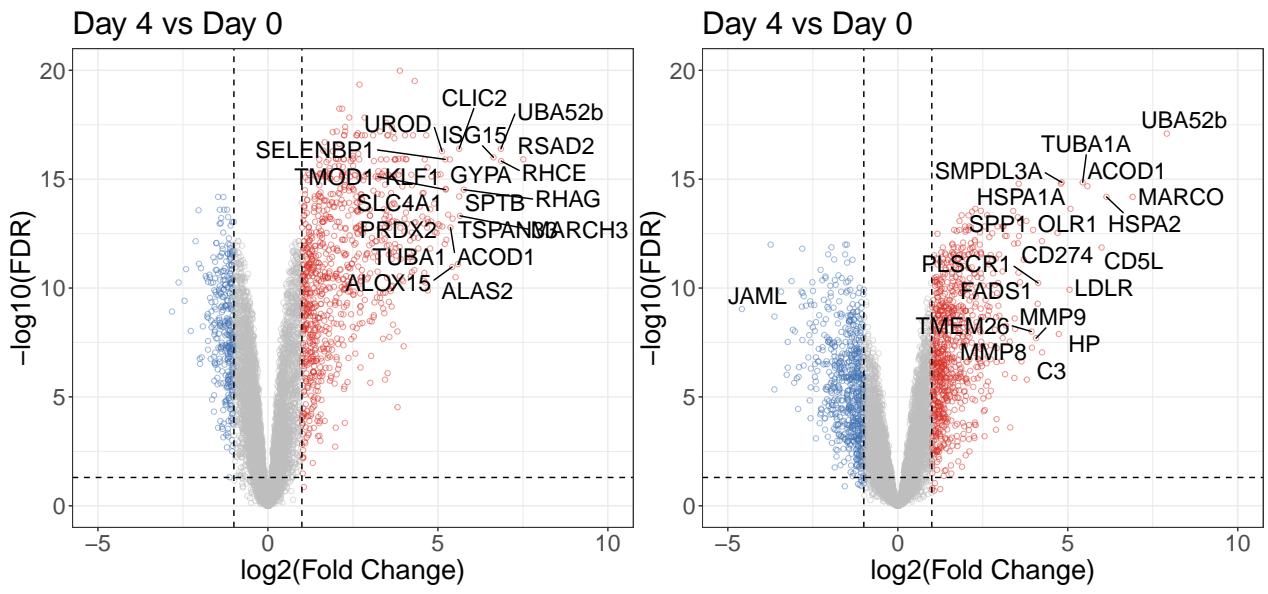


Day 3 vs Day 0

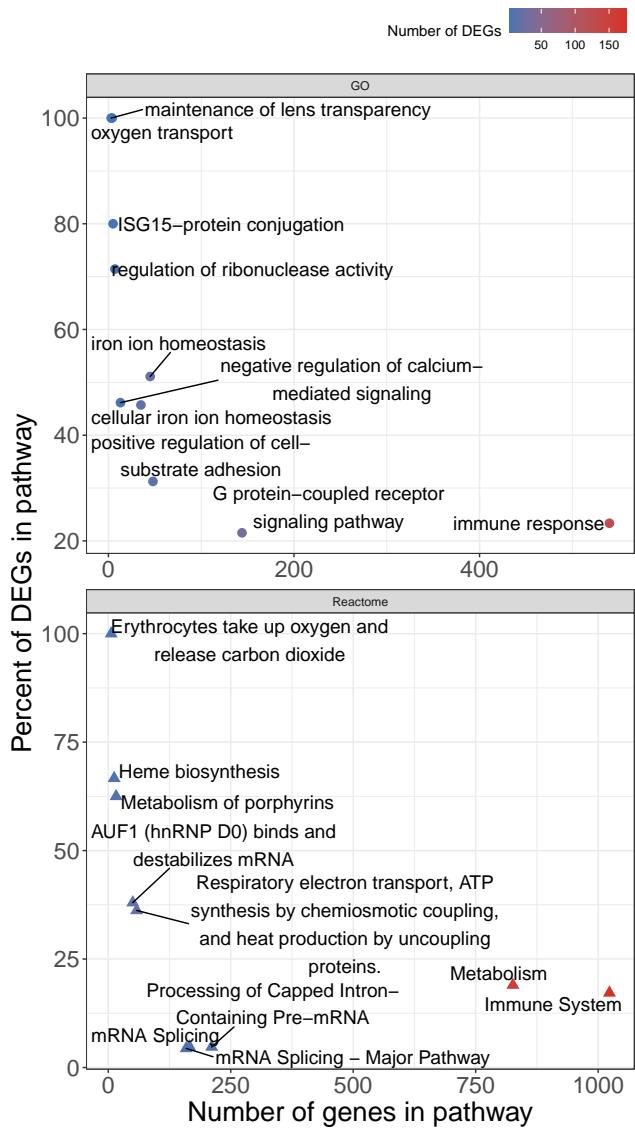


Day 3 vs Day 0

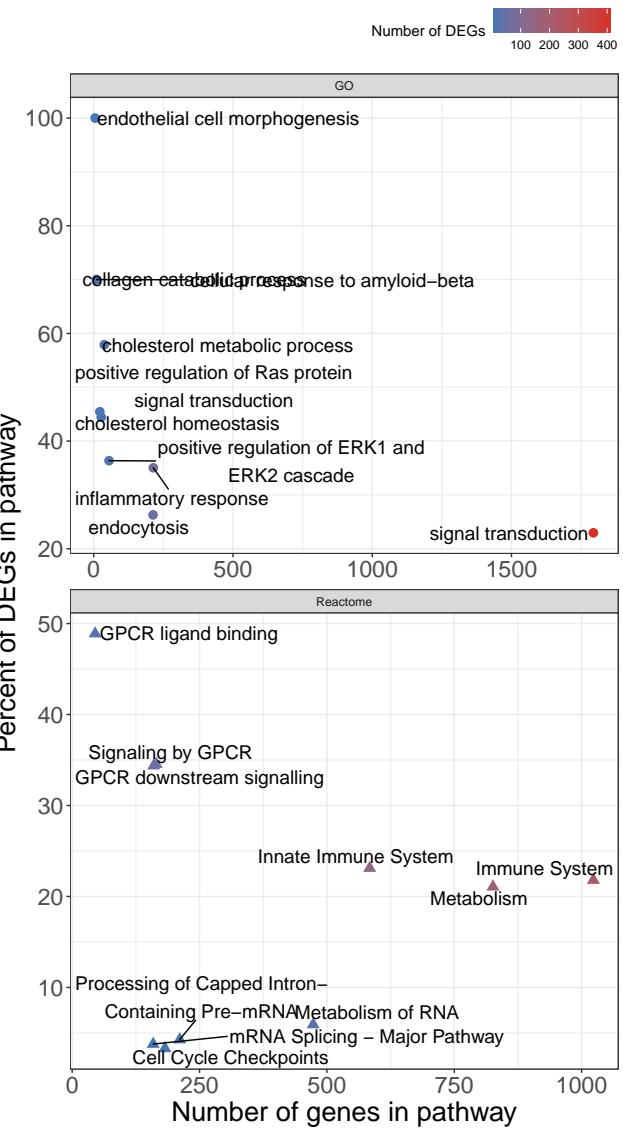


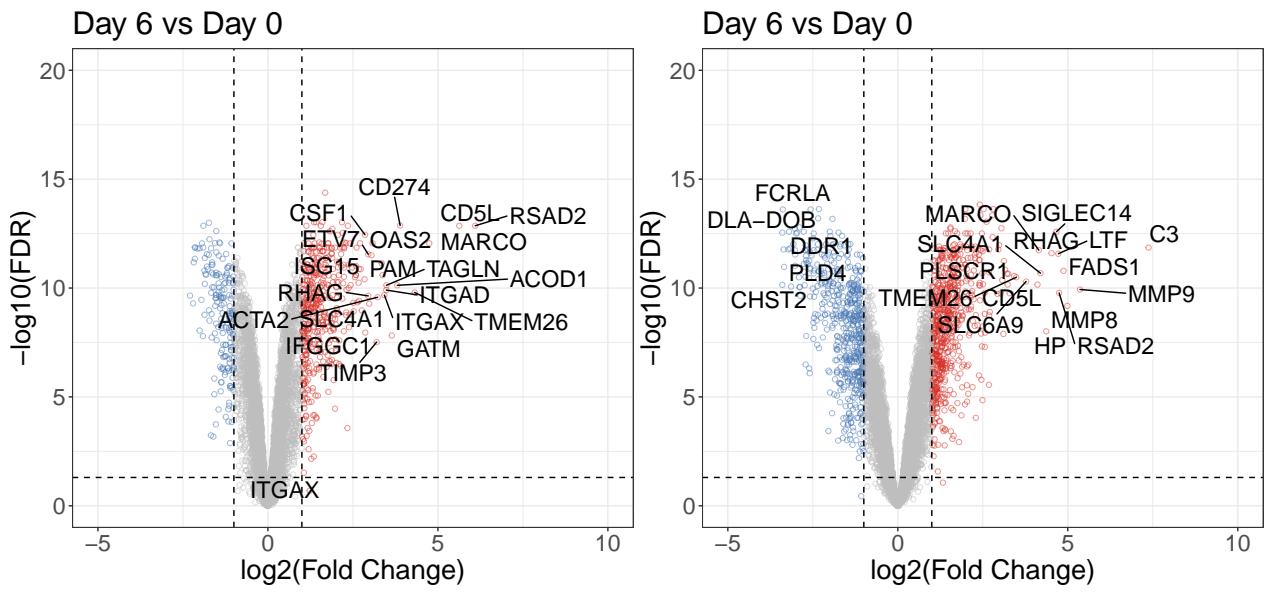


Day 4 vs Day 0

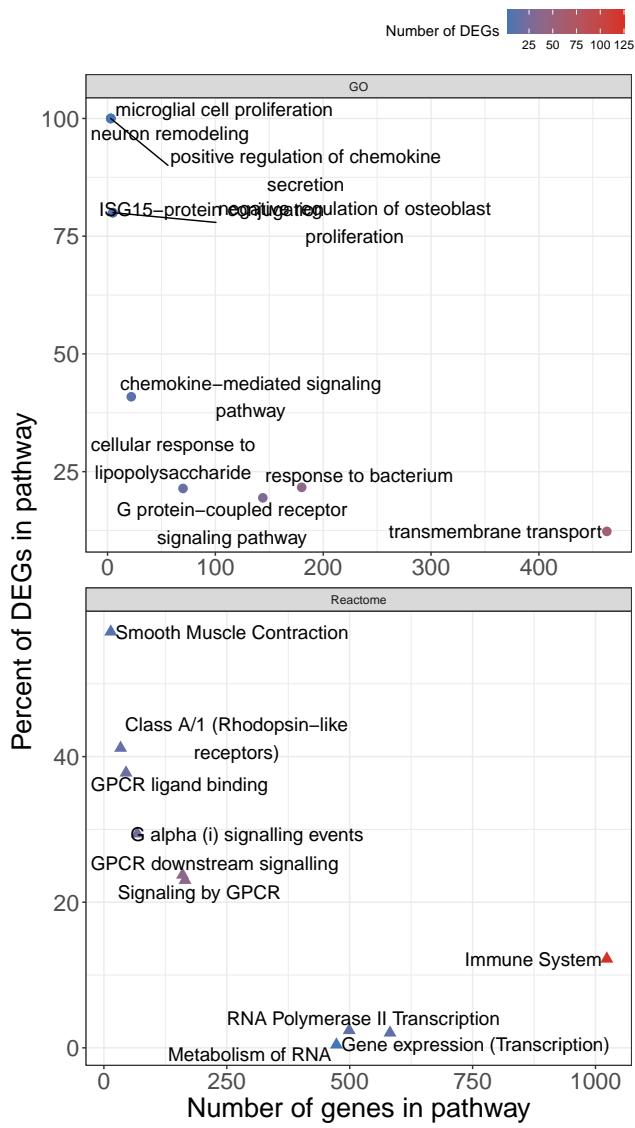


Day 4 vs Day 0

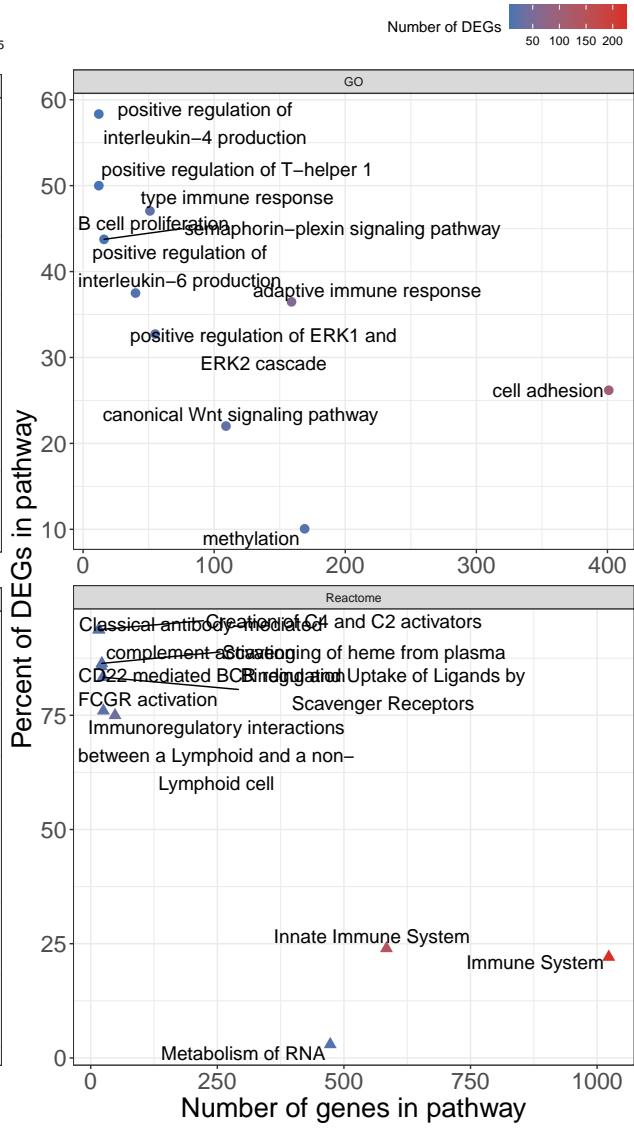


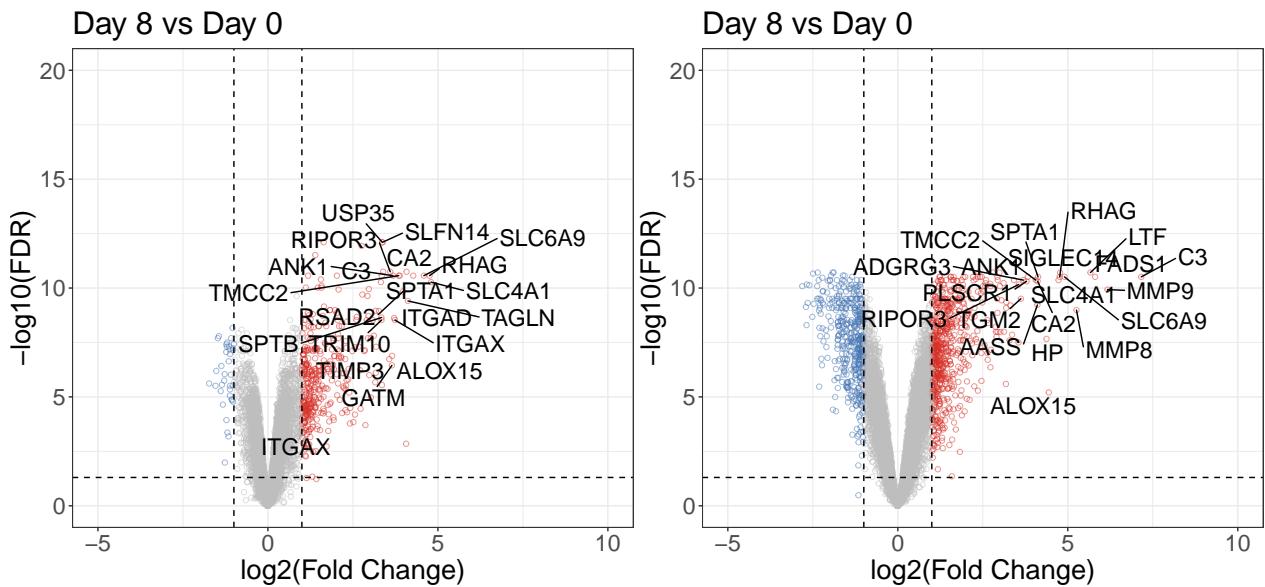


Day 6 vs Day 0

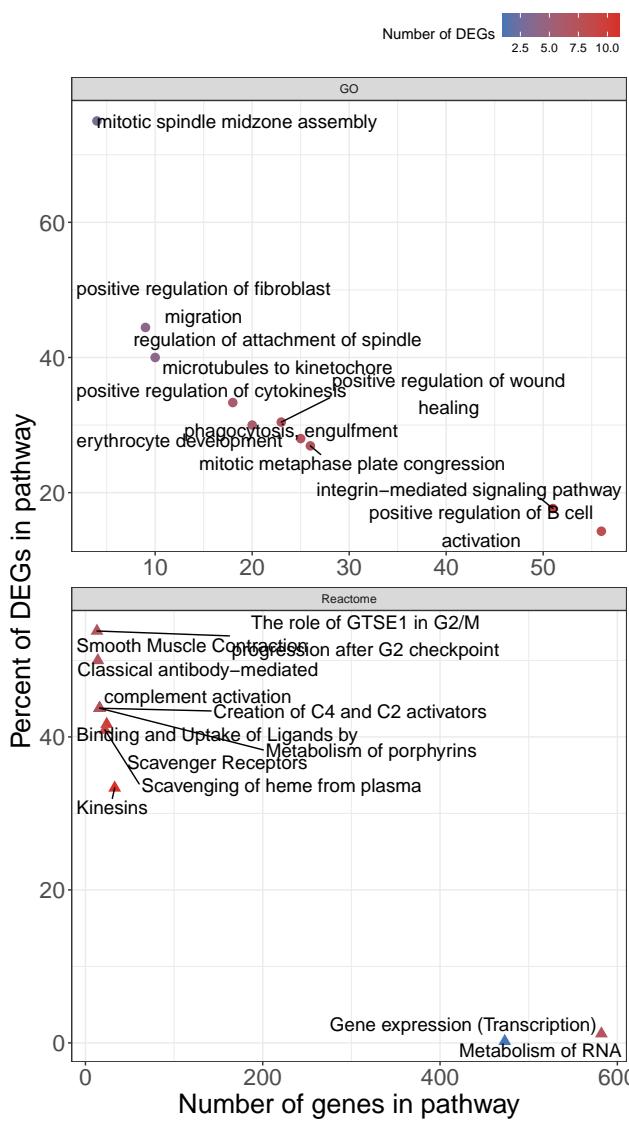


Day 6 vs Day 0

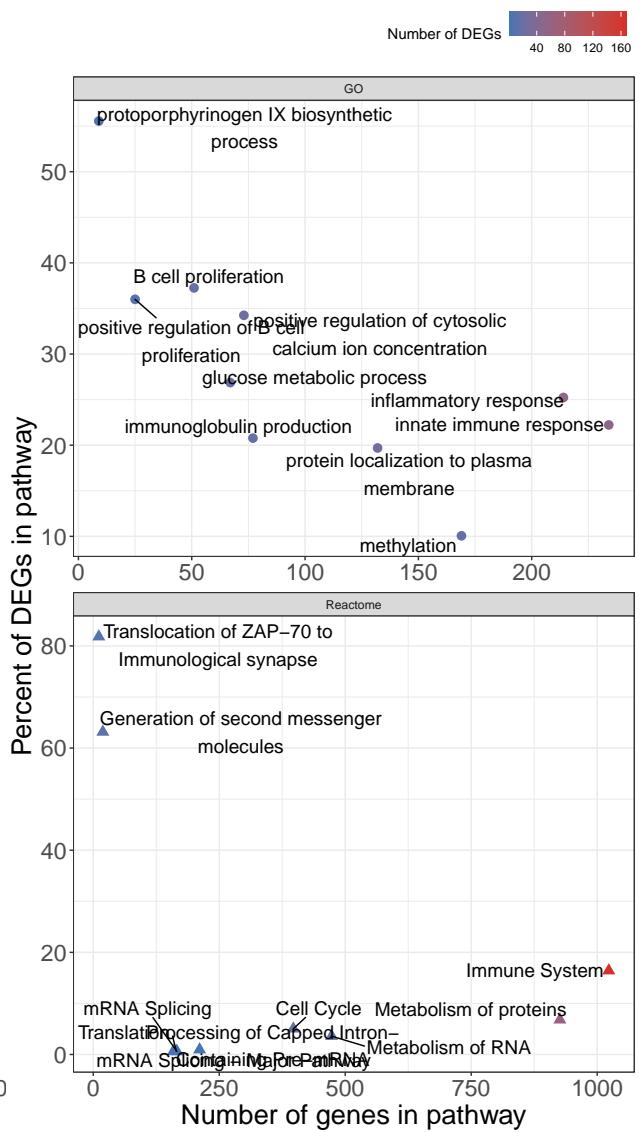




Day 8 vs Day 0



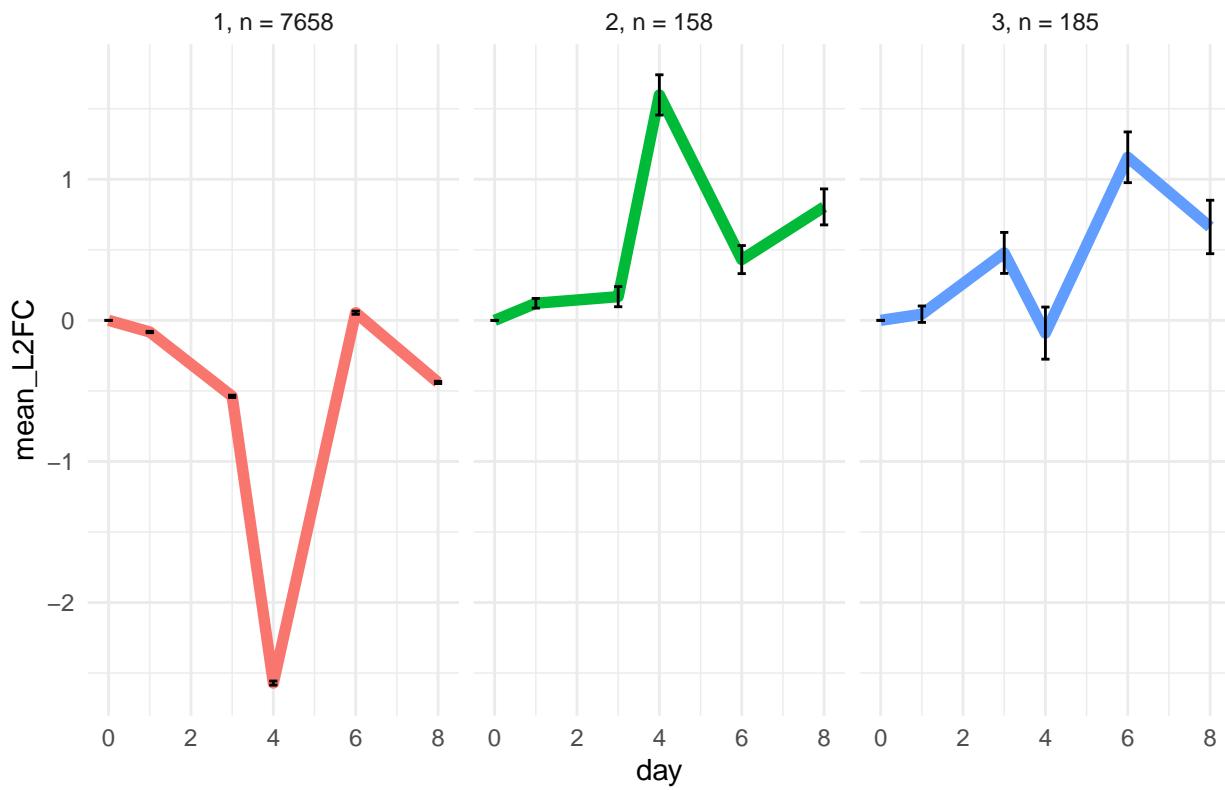
Day 8 vs Day 0



Clusters

```
## `summarise()` regrouping output by 'cluster', 'n' (override with '.groups' argument)
```

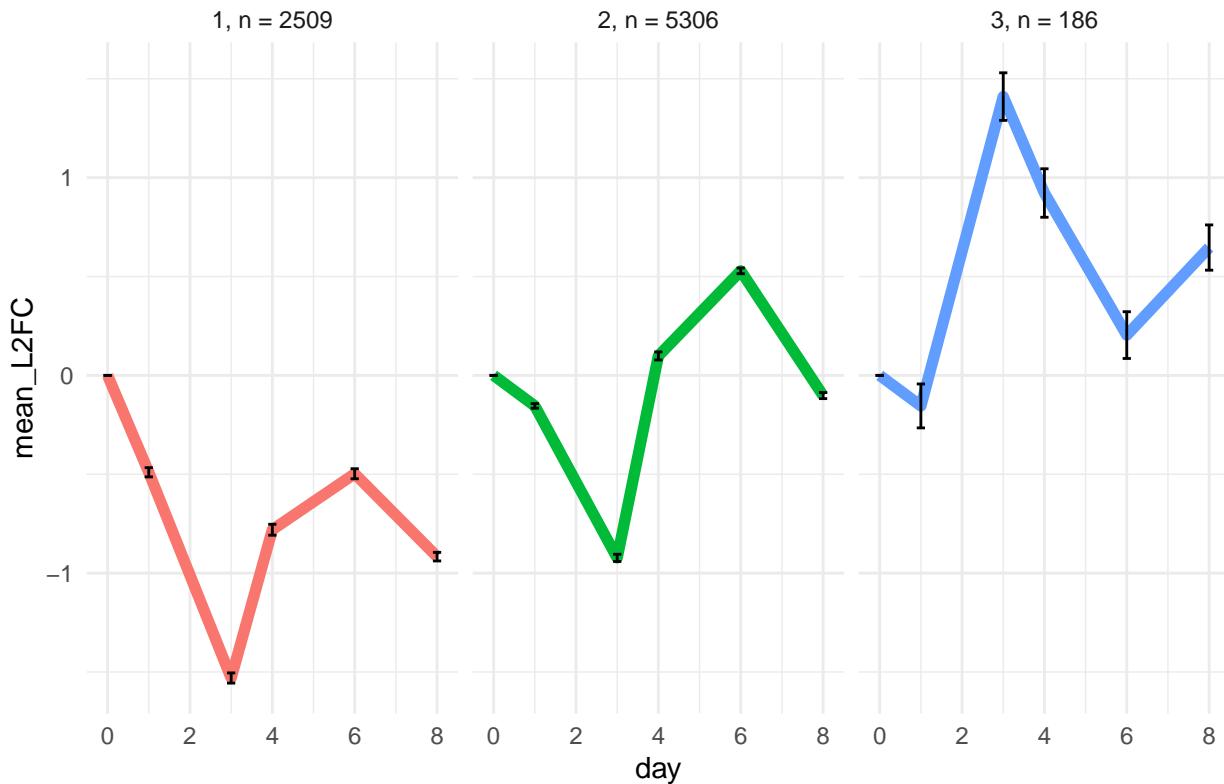
Low inoculum clusters



1		2		3
TCF7, DDR1, CCR7, OBSCN, IL7R, SLC24A3, CHST2, TIGIT, TAGLN		LGALS9, ISG15, OAS1, APOL2, EPB42, TRIM10, RHCE		RSAD2, CSF1, PSTPIP2, GCLM, IL1B, KLRD1, RHAG, TENT5C, SLC4A1, SLC6A9

```
## `summarise()` regrouping output by 'cluster', 'n' (override with '.groups' argument)
```

High inoculum clusters



1		2		3
ICAM1, RSAD2, IRGM (IFI1), IFGGC1, FER-1 LIKE PROTEIN 4, OBSCN, BAIAP3, ADAMTS10, DDR1, SPOCK2, SH3BP5, CD5, IL7R, CCR7, CHST2, TRAC, CD84, ITK, TCF7, TRBV28		PLA2G4A, ENSCAFG00000023832, CASP4, FABP5, CLEC4E, PSTPIP2, HLX, RBM47, GCLM, EHD1, DMXL2, BCL2L15, MCEMP1, CLEC4D, TKT, PLSCR1, NCF1, ECHDC3, MMP9, GZMA, KBTBD7, SQOR, SNX7, PRNP, ENSCAFG00000034132, SIGLEC14, GPR84		ITGAX, OAS1, ITGAD, ISG15, APOL2

Overlapping DEGs

ensgene		geneID		low cluster		high cluster
ENSCAFG00000003293		RSAD2		3		1
ENSCAFG00000017656		PSTPIP2		3		2
ENSCAFG00000020126		GCLM		3		2
ENSCAFG00000001161		OBSCN		1		1
ENSCAFG00000023556		OAS1		2		3
ENSCAFG000000019348		ISG15		2		3
ENSCAFG00000000448		DDR1		1		1
ENSCAFG000000018752		IL7R		1		1
ENSCAFG000000030300		CCR7		1		1
ENSCAFG00000008005		CHST2		1		1
ENSCAFG00000029830		APOL2		2		3
ENSCAFG0000000990		TCF7		1		1