

**Supplementary Table 11: List of common and Unique differentially expressed genes identified between Peanut baseline and 4hr and Placebo 4hrs and Peanut 4hrs.**

List of common and specific differentially expressed genes (LogFC &gt; 1, p-value &lt; 0.05, FDR &lt; 0.1) between Peanut baseline and 4hr and Placebo 4hrs and Peanut 4hrs.

<b>Names</b>	<b>total</b>	<b>elements</b>
Placebo 4 vs Peanut 4 & Peanut 0 vs Peanu 4	136	FKBP5 ORM1 EREG TLR4 NFKBIA FOS KIAA1045 RGS2 HECW2 CAMP IRS2 ECHDC3 TPST1 FKBP9 TNFAIP6 MGAM MOSC1 ROPN1L SAP30 S100A12 TREM1 SRGN KL SLC1A3 FLJ10661 SAMSN1 C18orf32 IER3 RBP7 CEBPD JDP2 LOXHD1 S100P AICDA GOS2 LOC731424 CLEC4D SRGAP2P2 ABHD5 TMCC3 MME SLA CEBPB SIGLEC5 IL18R1 KCNE1 VNN2 USP10 QPCT CMTM2 NRXN1 THBS1 PELI1 ACSL1 CEACAM4 FGD4 NR4A2 LRRN1 ALOX15B SLED1 PLBD1 ZBTB16 TSC22D3 CRISPLD2 LOC388387

ANKRD22  
SDC2  
S100A8  
CPD  
DDIT4  
INHBB  
RGL3  
CDH2  
PGLYRP1  
NAMPT  
C20orf3  
PLAUR  
BTNL8  
HAL  
FAM101B  
SUMO1P1  
SYTL3  
SLC11A1  
CD177  
LIPN  
PFKFB2  
SIGLEC8  
NUDT16P1  
CA4  
PHC2  
CDK5R1  
LILRA5  
FPR2  
GPR141  
CRISP3  
SOCS1  
ALOX5AP  
CD55  
EPHB4  
LILRA3  
PER1  
ARG1  
MANSC1  
HMGB2  
DUSP1  
NOV  
CYP4F3  
GJB6  
PADI4  
IL18RAP  
SCRG1  
MYO16  
CCDC164  
CREM  
OTX1  
LOC285847  
BST1  
CLEC4E  
BCL2A1  
TGM3  
FCAR  
SLC26A8  
LTB4R  
DUSP13  
DAAM2  
IL1R2  
BMX  
S100A9  
MMP9  
FPR1  
THBD  
MEGF9  
GABARAPL1

Peanut 0 vs Peanu 4

AGPAT9  
VNN1  
VNN3  
77 LOC400680  
KCNJ2  
FOXC1  
MIR223  
INSC  
CCDC89  
5-Sep  
SLC2A3  
LOC100124692  
KIAA0226L  
OPLAH  
LOC731223  
TMEM91  
MAP1LC3A  
HPD  
NID1  
CNTNAP3  
GUCY2C  
CSNK1A1L  
AREG  
TMEM92  
NECAB2  
SLC37A3  
NTNG2  
OSBPL6  
NR4A3  
ATP2C2  
DGAT2  
CLRN1  
KCNJ15  
FRAT1  
LOC93432  
SH3RF3  
FCGR3B  
LRRC4  
CYP1B1-AS1  
PTRN2  
BEST1  
PTGES  
FLJ36644  
LRG1  
BASP1  
TCN1  
ANXA3  
GPR97  
CCDC153  
ZMYND15  
BEND7  
TSEN34  
PROK2  
ST6GALNAC3  
GPR27  
ORM2  
TRPV5  
GALNT14  
TAS2R40  
LOC285696  
APOBEC3A  
OLAH  
FOLR3  
CBS  
DYSF  
PCDHGC3  
MTRNR2L1  
IL5RA

Placebo 4 vs Peanut 4

HLX  
DBIL5P2  
PLIN5  
TLR8-AS1  
GPR84  
NSUN7  
MSRB2  
AJAP1  
PLAC4  
IFITM10  
SULT1A2  
HP  
29 TXN  
CSTA  
LRP3  
CD163  
RNF144B  
PLAU  
TLR2  
ARHGAP29  
FAM108C1  
NLRC4  
BPI  
NDST1  
LPL  
GZMB  
RNASE6  
IL8  
CLEC5A  
SMAP2  
SIPA1L2  
SGMS2  
NUDT16  
SPP1  
IRAK3  
ERLIN1  
LOC283875  
C19orf59  
CKAP4  
RXFP2  
NR6A1