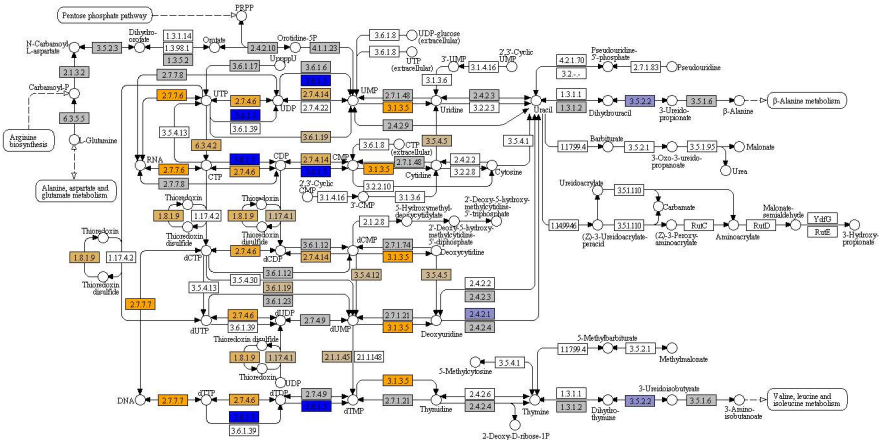
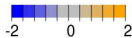
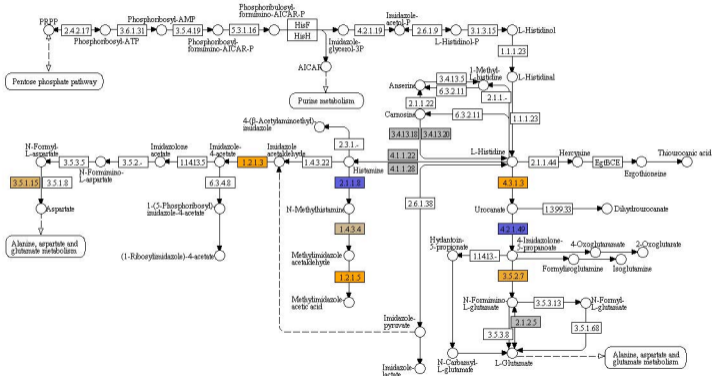
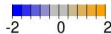


S6A Fig

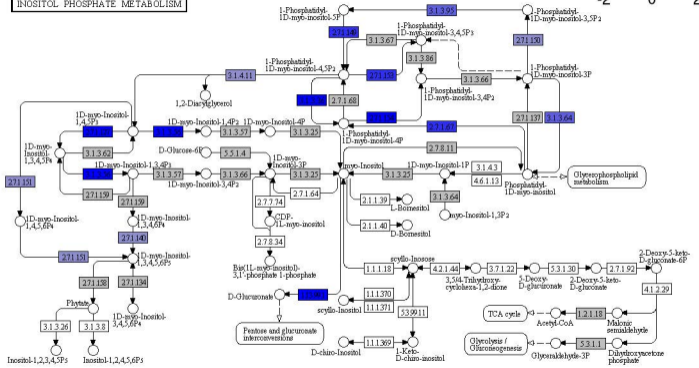
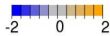
PYRIMIDINE METABOLISM



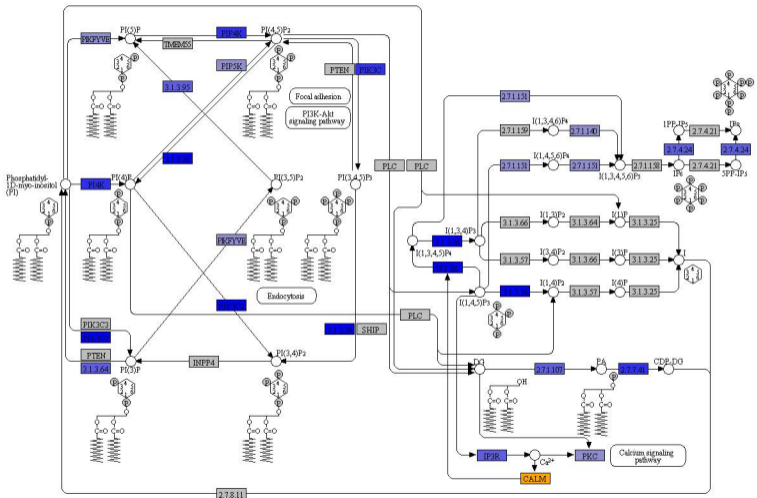
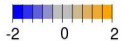
HISTIDINE METABOLISM



INOSITOL PHOSPHATE METABOLISM



PHOSPHATIDYLINOSITOL SIGNALING SYSTEM



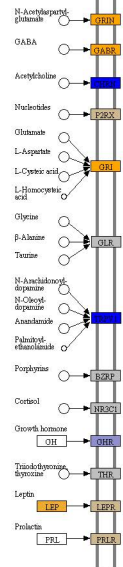
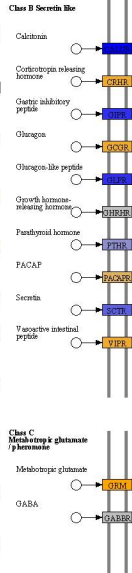
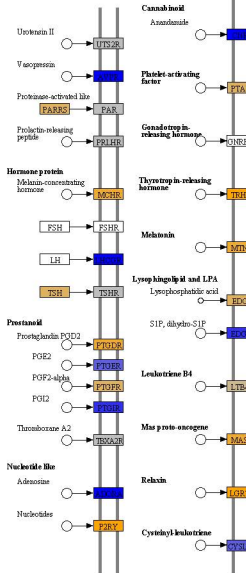
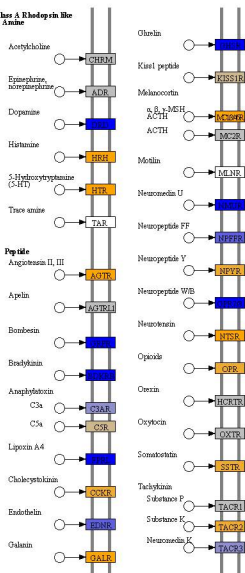
NEUROACTIVE LIGAND-RECEPTOR INTERACTION



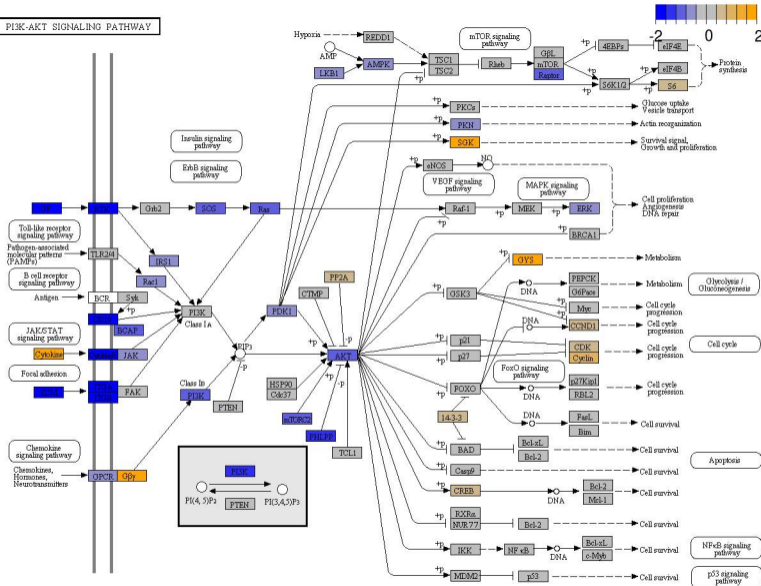
Channel number

GPCRs

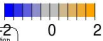
Class A Rhodopsin like Amine



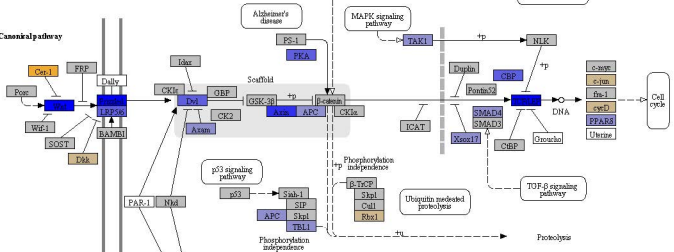
PI3K-AKT SIGNALING PATHWAY



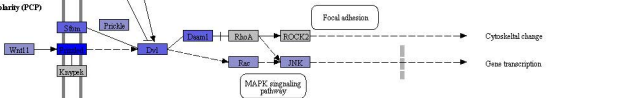
WNT SIGNALING PATHWAY



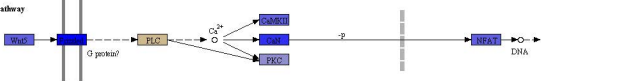
Canonical pathway

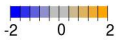


Planar cell polarity (PCP) pathway

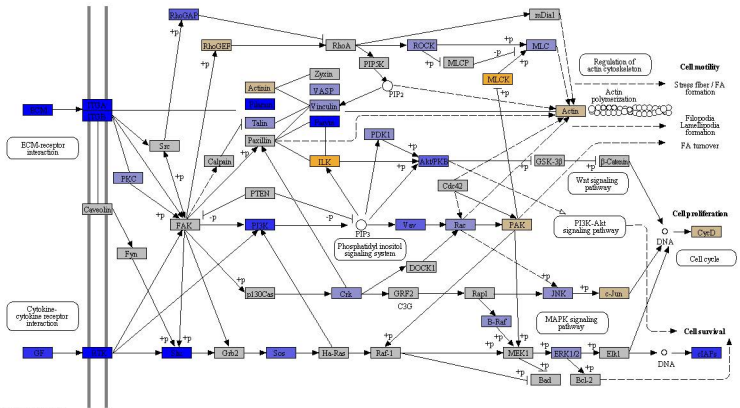


Wnt/Ca²⁺ pathway

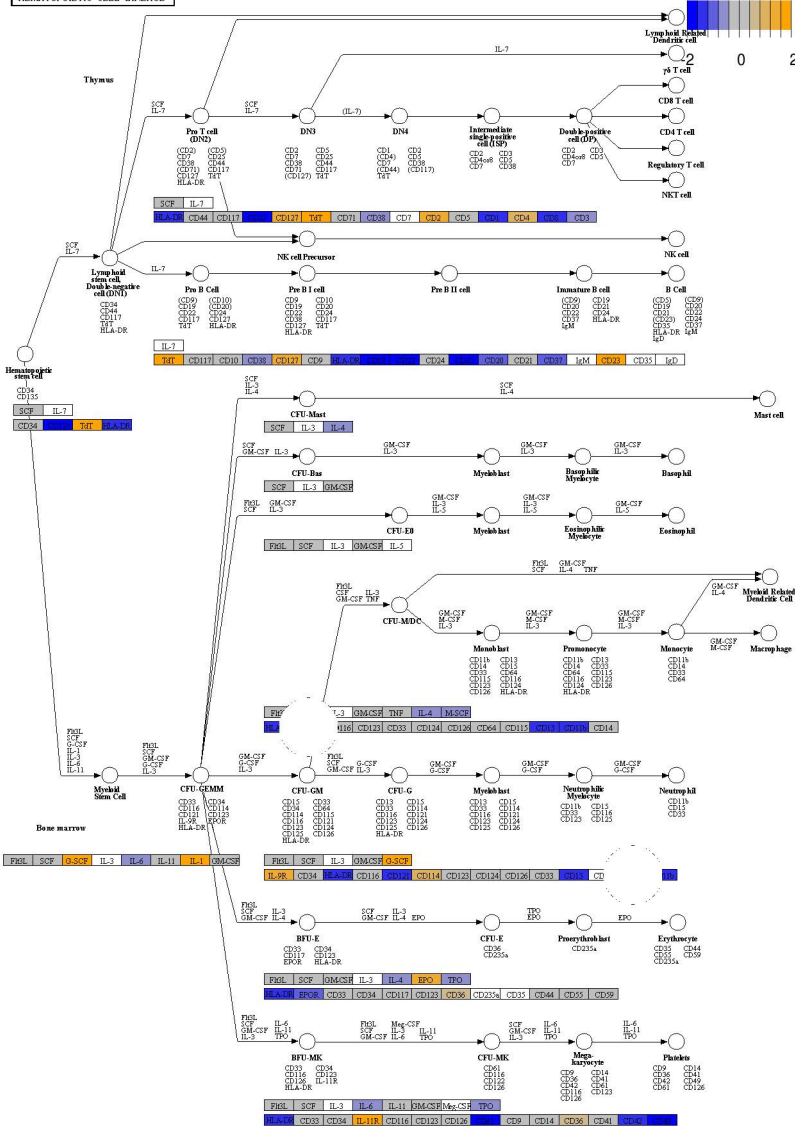




FOCAL ADHESION

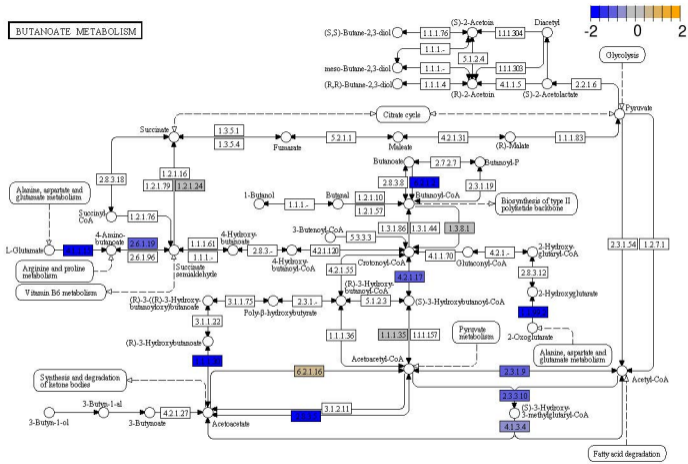


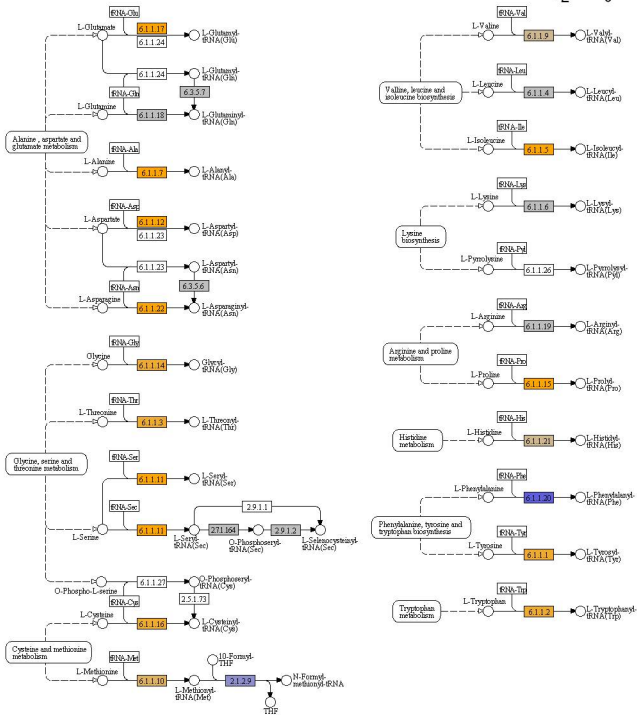
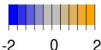
HEMATOPOIETIC CELL LINEAGE



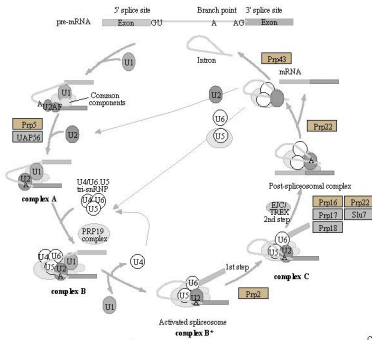
S6B Fig

BUTANOATE METABOLISM

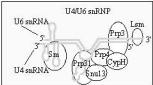




SPLICEOSOME

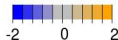


U1	U2	U4U6	U5
U1aaRNA	U2aRNA	U4aRNA	U5aRNA
Sm	Sm	Lsm	Sm
U1-70K	U2A'	Lsm	Sm114
U1A	U2B''	Sm	Ber2
U1C	SF3a	Prp3	Prp6
U1 related	SF3b	Prp4	Prp8
FBP11	U2 related	Cyp4	Prp8BP
S164	U2AF	Prp31	Prp28
p68	PUF60	Sm13	DIB1
CA150	SPF30	U4U6 U5 tr-snRNP associated	
	SPF45	SmRNP27	
	CHERP	Sn1	
	SR140	Sm66	
	Prp43	Sm23	
		Prp38	
Prp19 complex	Prp19 related	EJC/TREX	Common components
Prp19	SKIP	ACINUS	CBP80
CDC5	Sy1	eIFA3	hnRNP90
SPF27	Isv1	Y14	sn
PRL1	magoh	UAP56	
AD002	PP1L1	Cyp6	
CTNBL1	Cyp6	THOC	
HSP73	CCDC12		
Complex B specific	RBM22		
NPW38	G10		
NPW38B	AQR		

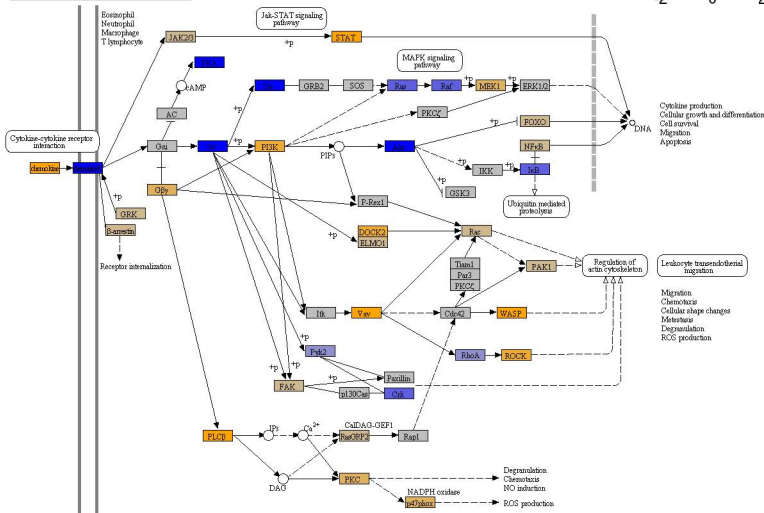


Data on KEGG graph
Rendered by Pathview

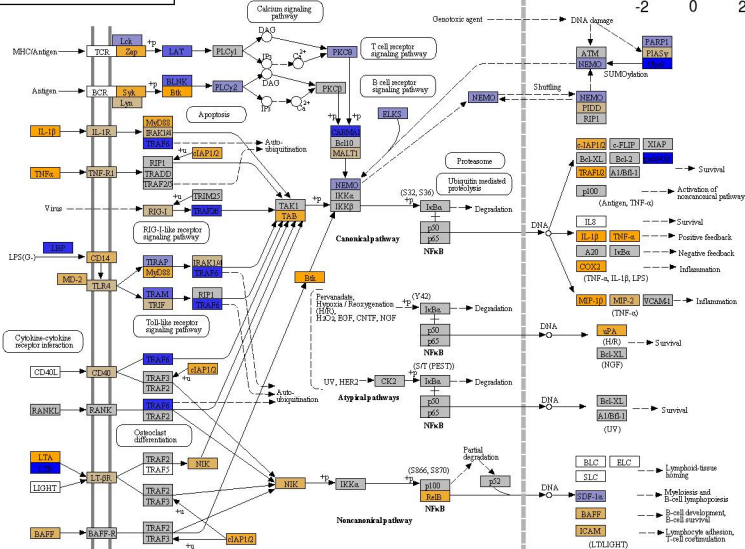
CHEMOKINE SIGNALING PATHWAY



Eosinophil
Neutrophil
Macrophage
T lymphocyte

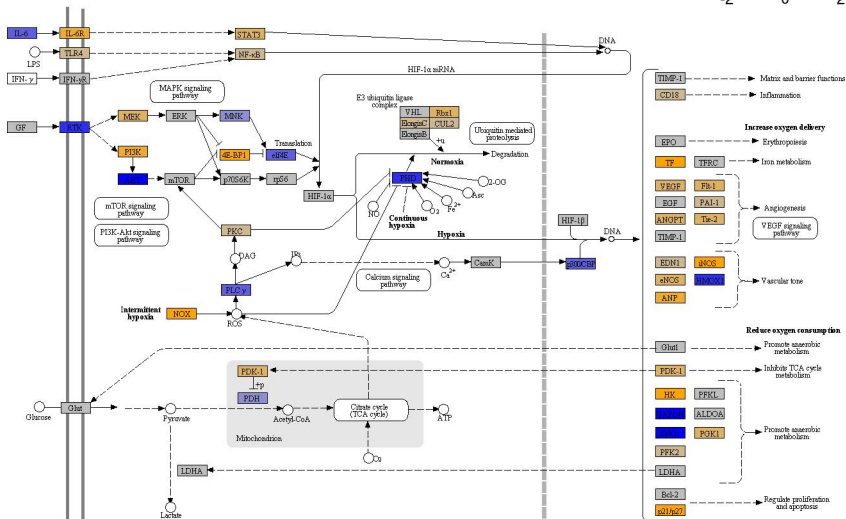
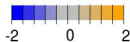


NF-KAPPA B SIGNALING PATHWAY

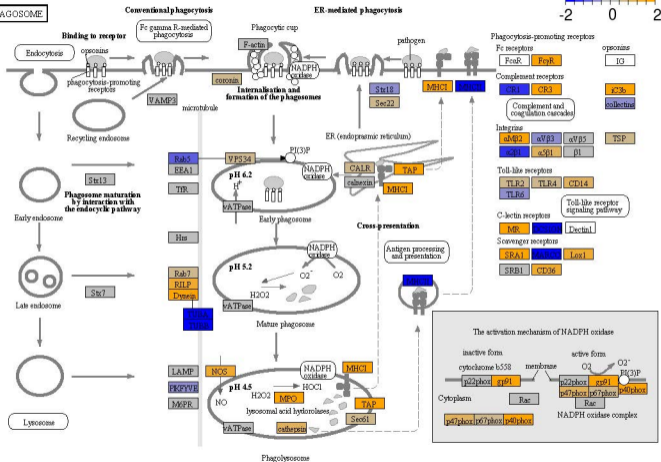


Data on KEGG graph
Rendered by Pathway

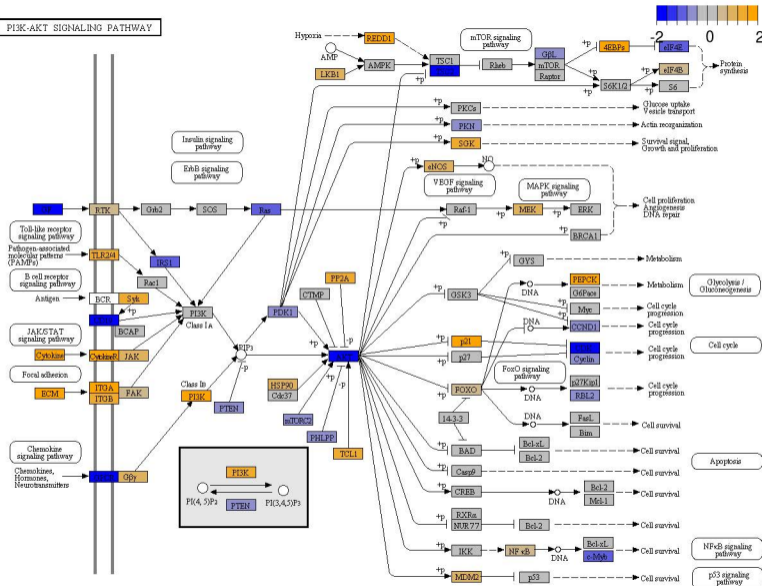
HIF-1 SIGNALING PATHWAY



PHAGOSOME

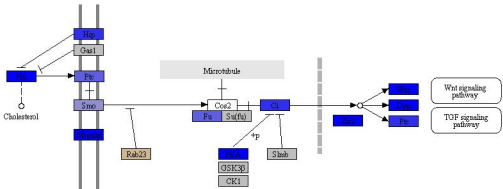


PI3K-AKT SIGNALING PATHWAY



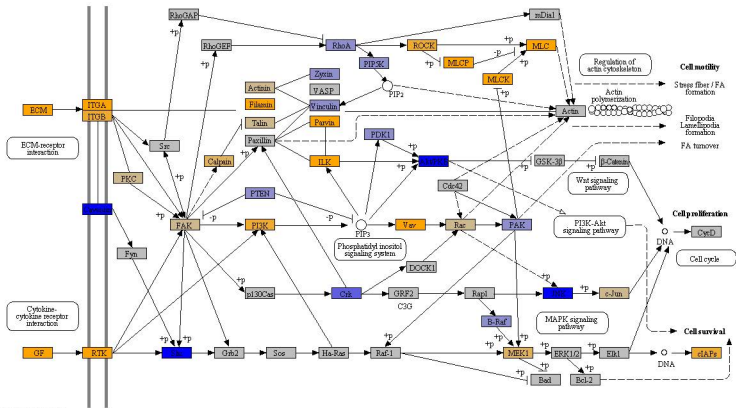
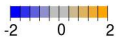


HEDGEHOG SIGNALING PATHWAY

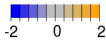


Data on KEGG graph
Rendered by Pathview

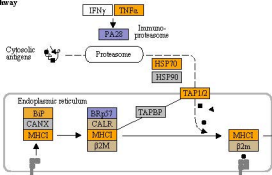
FOCAL ADHESION



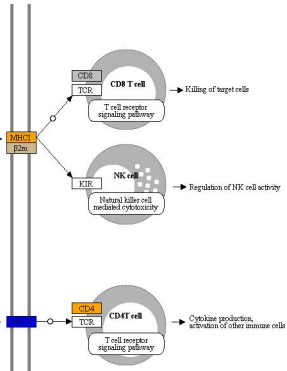
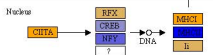
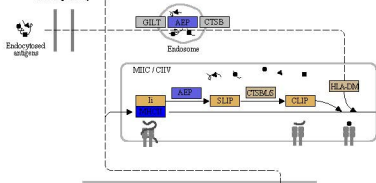
ANTIGEN PROCESSING AND PRESENTATION



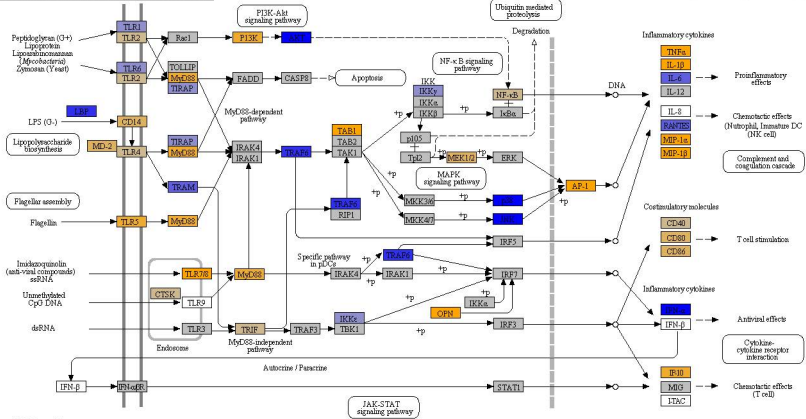
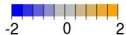
MHC I pathway



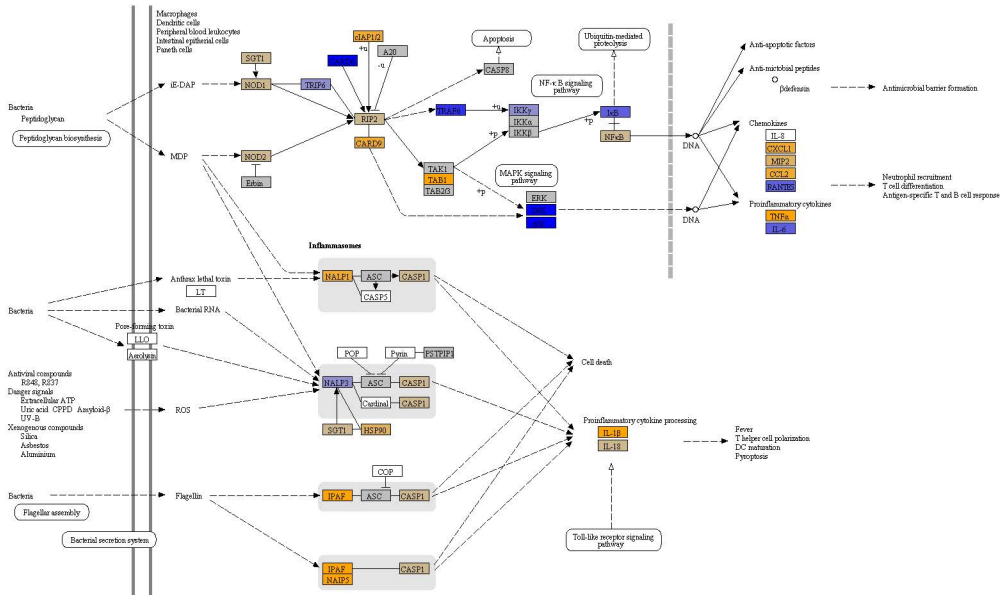
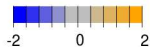
MHC II pathway



TOLL-LIKE RECEPTOR SIGNALING PATHWAY



NOD-LIKE RECEPTOR SIGNALING PATHWAY



Data on KEGG graph
Rendered by Pathview

TNF SIGNALING PATHWAY

