

Category	KEGG pathway	BRAF-like	RAS-like	DICER1	EIF1AX	ESRRA-overexpression	PAX8-PPARG
Metabolism	Lipid metabolism	GLYCEROLIPID METABOLISM	Green				
		STEROID HORMONE BIOSYNTHESIS					
		ARACHIDONIC ACID METABOLISM		Green			
	Amino acid metabolism	TRYPTOPHAN METABOLISM	Green				
		ARGININE AND PROLINE METABOLISM					
GLYCINE SERINE AND THREONINE METABOLISM							
Xenobiotics biodegradation and metabolism	METABOLISM OF XENOBIOTICS BY CYTOCHROME P450				Green		
	DRUG METABOLISM CYTOCHROME P450				Green		
Environmental Information Processing	Signal transduction	MAPK SIGNALING PATHWAY	Green	Green	Green	Green	Green
		CALCIUM SIGNALING PATHWAY	Green				
		WNT SIGNALING PATHWAY	Green				Green
	Membrane transport	ABC TRANSPORTERS		Green			Green
		VEGF SIGNALING PATHWAY	Green				
	Signaling molecules and interaction	HEDGEHOG SIGNALING PATHWAY	Green				Green
		TGF BETA SIGNALING PATHWAY	Green				
		JAK STAT SIGNALING PATHWAY	Green	Green	Green	Green	Green
		ECM RECEPTOR INTERACTION	Green	Green	Green	Green	Green
		CELL ADHESION MOLECULES (CAMS)	Green	Green	Green	Green	Green
Cellular process	Cell motility	Green	Green	Green	Green	Green	
	Cellular community	Green	Green	Green	Green	Green	
Organismal Systems	Immune system	TIGHT JUNCTION	Green	Green	Green	Green	Green
		COMPLEMENT AND COAGULATION CASCADES	Green	Green	Green	Green	Green
		CHEMOKINE SIGNALING PATHWAY	Green	Green	Green	Green	Green
		NATURAL KILLER CELL MEDIATED CYTOTOXICITY	Green	Green	Green	Green	Green
		B CELL RECEPTOR SIGNALING PATHWAY	Green	Green	Green	Green	Green
		T CELL RECEPTOR SIGNALING PATHWAY	Green	Green	Green	Green	Green
		HEMATOPOIETIC CELL LINEAGE	Green	Green	Green	Green	Green
		LEUKOCYTE TRANSENDOTHELIAL MIGRATION	Green	Green	Green	Green	Green
		FC GAMMA R MEDIATED PHAGOCYTOSIS	Green	Green	Green	Green	Green
		ANTIGEN PROCESSING AND PRESENTATION	Green	Green	Green	Green	Green
		INTESTINAL IMMUNE NETWORK FOR IGA PRODUCTION	Green	Green	Green	Green	Green
		NATURAL KILLER CELL MEDIATED CYTOTOXICITY	Green	Green	Green	Green	Green
		TOLL LIKE RECEPTOR SIGNALING PATHWAY	Green	Green	Green	Green	Green
	Endocrine system	MELANOGENESIS	Green	Green	Green	Green	Green
		ADIPOCYTOKINE SIGNALING PATHWAY	Green	Green	Green	Green	Green
	Circulatory system	VASCULAR SMOOTH MUSCLE CONTRACTION	Green	Green	Green	Green	Green
	Excretory system	ALDOSTERONE REGULATED SODIUM REABSORPTION	Green	Green	Green	Green	Green
		PROXIMAL TUBULE BICARBONATE RECLAMATION	Green	Green	Green	Green	Green
	Development	AXON GUIDANCE	Green	Green	Green	Green	Green
	Human Diseases	Cancers: Overview	PATHWAYS IN CANCER	Green	Green	Green	Green
ACUTE MYELOID LEUKEMIA			Green	Green	Green	Green	Green
BASAL CELL CARCINOMA			Green	Green	Green	Green	Green
Cancers: Specific types		COLORECTAL CANCER	Green	Green	Green	Green	Green
		SYSTEMIC LUPUS ERYTHEMATOSUS	Green	Green	Green	Green	Green
		ASTHMA	Green	Green	Green	Green	Green
Immune diseases		PRIMARY IMMUNODEFICIENCY	Green	Green	Green	Green	Green
		ALLOGRAFT REJECTION	Green	Green	Green	Green	Green
		GRAFT VERSUS HOST DISEASE	Green	Green	Green	Green	Green
		AUTOIMMUNE THYROID DISEASE	Green	Green	Green	Green	Green
		VIRAL MYOCARDITIS	Green	Green	Green	Green	Green
Cardiovascular diseases		DILATED CARDIOMYOPATHY	Green	Green	Green	Green	Green
		HCM	Green	Green	Green	Green	Green
Endocrine and metabolic diseases	TYPE I DIABETES MELLITUS	Green	Green	Green	Green	Green	
Infectious diseases: Parasitic	LEISHMANIA INFECTION	Green	Green	Green	Green	Green	

