							1					<b>4</b>
								-	-		Graft-versus-host disease (hsa05332)	
								+	+		Tight junction (hsa04530) Parathyroid hormone synthesis, secretion and action (hsa04928)	3
											TGF-beta signaling pathway (hsa04350)	
											Fluid shear stress and atherosclerosis (hsa05418)	2
											Proteoglycans in cancer (hsa05205)	
								-	-		Sulfur metabolism (hsa00920)	1
								+	+		Axon guidance (hsa04360)	-
								+	+		Signaling pathways regulating pluripotency of stem cells (hsa04550) Pancreatic secretion (hsa04972)	0
									+		Oxidative phosphorylation (hsa00190)	J
								$\top$			Cysteine and methionine metabolism (hsa00270)	
											Type I diabetes mellitus (hsa04940)	
									╙		Citrate cycle (TCA cycle) (hsa00020)	
		L						-	-		Protein processing in endoplasmic reticulum (hsa04141)	
								$\vdash$	+		Oocyte meiosis (hsa04114) Carbon metabolism (hsa01200)	
		$\vdash$						+			Vibrio cholerae infection (hsa05110)	
											Proteasome (hsa03050)	
											Valine, leucine and isoleucine degradation (hsa00280)	
											Endocytosis (hsa04144)	
									-		Lysosome (hsa04142)	
									+		Various types of N–glycan biosynthesis (hsa00513)	
								+	+		Amino sugar and nucleotide sugar metabolism (hsa00520) Ribosome (hsa03010)	
									+		Spliceosome (hsa03040)	
											RNA polymerase (hsa03020)	
											Ribosome biogenesis in eukaryotes (hsa03008)	
											Protein export (hsa03060)	
					<u> </u>			+	+		Cell cycle (hsa04110)	
								$\vdash$	+		Non-homologous end-joining (hsa03450) Ubiquitin mediated proteolysis (hsa04120)	
									+		DNA replication (hsa03030)	
								t			Cellular senescence (hsa04218)	
											Gap junction (hsa04540)	
								_			Homologous recombination (hsa03440)	
								+	-		Fanconi anemia pathway (hsa03460)	
								+	+		Pyrimidine metabolism (hsa00240) Antifolate resistance (hsa01523)	
											Alcoholism (hsa05034)	
								T			Focal adhesion (hsa04510)	
											Arrhythmogenic right ventricular cardiomyopathy (hsa05412)	
								L	_		Leukocyte transendothelial migration (hsa04670)	
							L	-	-		Thyroid hormone signaling pathway (hsa04919)	
								$\vdash$	+		Adherens junction (hsa04520) Renal cell carcinoma (hsa05211)	
	+							+	+		Human papillomavirus infection (hsa05165)	
											Viral carcinogenesis (hsa05203)	
											Human cytomegalovirus infection (hsa05163)	
											VEGF signaling pathway (hsa04370)	
									-		Neurotrophin signaling pathway (hsa04722)	
								-	+		Bacterial invasion of epithelial cells (hsa05100) Rap1 signaling pathway (hsa04015)	
									+		Prostate cancer (hsa05215)	
									+		Hepatocellular carcinoma (hsa05225)	
											Autophagy – animal (hsa04140)	
							Ĺ		_		Yersinia infection (hsa05135)	
	-								+		AMPK signaling pathway (hsa04152)	
-									-		Mannose type O-glycan biosynthesis (hsa00515) Adrenergic signaling in cardiomyocytes (hsa04261)	
								-	+		PI3K–Akt signaling pathway (hsa04151)	
									+		Regulation of actin cytoskeleton (hsa04810)	
											RNA transport (hsa03013)	
											2-Oxocarboxylic acid metabolism (hsa01210)	
								-			RNA degradation (hsa03018)	
	+							+			Thermogenesis (hsa04714) Riboflavin metabolism (hsa00740)	
											Riboflavin metabolism (hsa00740) Huntington disease (hsa05016)	
								-			One carbon pool by folate (hsa00670)	
											Purine metabolism (hsa00230)	
											Bladder cancer (hsa05219)	
											Synthesis and degradation of ketone bodies (hsa00072)	
								-			Aminoacyl–tRNA biosynthesis (hsa00970)	
-									-		Biosynthesis of amino acids (hsa01230) Biosynthesis of unsaturated fatty acids (hsa01040)	
								-	+		Ferroptosis (hsa04216)	
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