			Signaling by TGF-beta Receptor Complex_Homo sapiens_R-HSA-170834	
			Downregulation of TGF-beta receptor signaling_Homo sapiens_R-HSA-2173788	
			TGF-beta receptor signaling activates SMADs_Homo sapiens_R-HSA-2173789	
			Signal Transduction_Homo sapiens_R-HSA-162582	
			TRAF6 mediated induction of TAK1 complex_Homo sapiens_R-HSA-937072	
			TNF signaling_Homo sapiens_R-HSA-75893	
			TAK1 activates NFkB by phosphorylation and activation of IKKs complex_Homo sapiens_R-HSA-445989	
			Rho GTPase cycle_Homo sapiens_R-HSA-194840	
			NOD1/2 Signaling Pathway_Homo sapiens_R-HSA-168638	
			Metabolism of carbohydrates_Homo sapiens_R-HSA-71387	
			MAP2K and MAPK activation_Homo sapiens_R-HSA-5674135	
			JNK (c-Jun kinases) phosphorylation and activation mediated by activated human TAK1_Homo sapiens_R-HSA-450321	
			Interleukin-1 signaling_Homo sapiens_R-HSA-446652	
			Infectious disease_Homo sapiens_R-HSA-5663205	
			HS-GAG degradation_Homo sapiens_R-HSA-2024096	
			Glycosaminoglycan metabolism_Homo sapiens_R-HSA-1630316	
			Diseases associated with glycosaminoglycan metabolism_Homo sapiens_R=HSA-3560782	
			Disease_Homo sapiens_R-HSA-1643685	
			Defective B3GAT3 causes JDSSDHD_Homo sapiens_R-HSA-3560801	
			A tetrasaccharide linker sequence is required for GAG synthesis_Homo sapiens_R-HSA-1971475	
			activated TAK1 mediates p38 MAPK activation_Homo sapiens_R-HSA-450302	
			Heparan sulfate/heparin (HS-GAG) metabolism_Homo sapiens_R-HSA-1638091	
			HS-GAG biosynthesis_Homo sapiens_R-HSA-2022928	
IsMale	IsCd	ls10ppm		