SBMLId	SBMLType	AnnotationType	AnnotationId	AnnotationQualifier	AnnotationSource	RDFId
#model						
^Galactose_	model	RDF	SBO:0000293	bqmodel:is	biomodels.sbo	non-spatial continuous framework
^Galactose_	model	RDF	9606	bqbiol:hasTaxon	taxonomy	Homo sapiens (Human)
^Galactose_	model	RDF	BTO:0000759	bqmodel:is	bto	liver
^Galactose_	model	RDF	UBERON:2107	bqmodel:is	uberon	liver
^Galactose_	model	RDF	FMA:7197	bqmodel:is	fma	liver
^Galactose_	model	RDF	BTO:0000575	bqmodel:is	bto	hepatocyte
^Galactose_	model	RDF	FMA:14515	bqmodel:is	fma	hepatocyte
^Galactose_	model	RDF	PW:0000042	bqmodel:isVersionOf	pw	galactose metabolic pathway
^Galactose_	model	RDF	map00052	bqmodel:isVersionOf	kegg.pathway	Galactose metabolism
^Galactose_	model	RDF	SMP00043	bqmodel:isVersionOf	smpdb	Galactose Metabolism
^Galactose_	model	RDF	GO:0019388	bqmodel:isVersionOf	go	galactose catabolic process
^Galactose_	model	RDF	REACTOME:R-HSA-70370.1	bqmodel:isVersionOf	reactome	Galactose catabolism
^Galactose_	model	RDF	PWY-6317	bqmodel:isVersionOf	metacyc	D-galactose degradation I
# compartment						
h	compartment	RDF	BTO:0000575	is	bto	hepatocyte
h	compartment	RDF	FMA:14515	is	fma	hepatocyte
h	compartment	RDF	GO:0005623	is	go	cell
h	compartment	RDF	FMA:68646	is	fma	cell
h	compartment	RDF	SBO:0000290	is	biomodels.sbo	physical compartment
c	compartment	RDF	GO:0005829	is	go	cytosol
c	compartment	RDF	FMA:66836	is	fma	portion of cytosol
c	compartment	RDF	SBO:0000290	is	biomodels.sbo	physical compartment
m	compartment	RDF	GO:0005886	is	go	plasma membrane
m	compartment	RDF	FMA:63841	is	fma	plasma membrane
m	compartment	RDF	SBO:0000290	is	biomodels.sbo	physical compartment
e	compartment	RDF	GO:0005615	is	go	extracellular space
e	compartment	RDF	FMA:70022	is	fma	extracellular space
e	compartment	RDF	SBO:0000290	is	biomodels.sbo	physical compartment
# reactions						
^\w+__H20TM$	reaction	RDF	SBO:0000185	is	biomodels.sbo	transport reaction
^\w+__GLUT2_GAL$	reaction	RDF	SBO:0000185	is	biomodels.sbo	transport reaction
^\w+__GLUT2_GAL$	reaction	RDF	P11168	is	uniprot	Solute carrier family 2, facilitated glucose transporter member 2
^\w+__GLUT2_GAL$	reaction	RDF	OMIM:227810	hasProperty	omim	Fanconi-Bickel syndrome
^\w+__GLUT2_GALM$	reaction	RDF	SBO:0000185	is	biomodels.sbo	transport reaction
^\w+__GLUT2_GALM$	reaction	RDF	P11168	is	uniprot	Solute carrier family 2, facilitated glucose transporter member 2
^\w+__GLUT2_GALM$	reaction	RDF	227810	hasProperty	omim	Fanconi-Bickel syndrome
^\w+__GALK\w{0,1}$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__GALK\w{0,1}$	reaction	RDF	2.7.1.6	is	ec-code	
^\w+__GALK\w{0,1}$	reaction	RDF	P51570	is	uniprot	
^\w+__GALK\w{0,1}$	reaction	RDF	R01092	is	kegg.reaction	
^\w+__GALK\w{0,1}$	reaction	RDF	13556	is	rhea	
^\w+__GALK\w{0,1}$	reaction	RDF	GALACTOKIN-RXN	is	metacyc	
^\w+__GALK\w{0,1}$	reaction	RDF	REACTOME:R-HSA-70355.1	is	reactome	
^\w+__GALK\w{0,1}$	reaction	RDF	230200	hasProperty	omim	
^\w+__GALK\w{0,1}$	reaction	RDF	12694189	is	pubmed	
GALK_kcat	parameter	RDF	14785	is	sabiork.kineticrecord	
GALK_kcat	parameter	RDF	12694189	isDescribedBy	pubmed	
GALK_k_atp	parameter	RDF	14792	is	sabiork.kineticrecord	
GALK_k_atp	parameter	RDF	12694189	isDescribedBy	pubmed	
GALK_k_gal	parameter	RDF	14785	is	sabiork.kineticrecord	
GALK_k_gal	parameter	RDF	12694189	isDescribedBy	pubmed	
GALK_k_gal	parameter	RDF	45367	is	sabiork.kineticrecord	
GALK_k_gal	parameter	RDF	15024738	isDescribedBy	pubmed	
^\w+__IMP\w{0,1}$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__IMP\w{0,1}$	reaction	RDF	3.1.3.25	is	ec-code	
^\w+__IMP\w{0,1}$	reaction	RDF	P29218	is	uniprot	
^\w+__GALT\w{0,2}$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__GALT\w{0,2}$	reaction	RDF	2.7.7.12	is	ec-code	
^\w+__GALT\w{0,2}$	reaction	RDF	P07902	is	uniprot	
^\w+__GALT\w{0,2}$	reaction	RDF	13992	is	rhea	
^\w+__GALT\w{0,2}$	reaction	RDF	R00955	is	kegg.reaction	
^\w+__GALT\w{0,2}$	reaction	RDF	230400	hasProperty	omim	
^\w+__GALE$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__GALE$	reaction	RDF	5.1.3.2	is	ec-code	

^\w+__GALE$	reaction	RDF	Q14376	is	uniprot	
^\w+__GALE$	reaction	RDF	22171	is	rhea	
^\w+__GALE$	reaction	RDF	R00291	is	kegg.reaction	
^\w+__GALE$	reaction	RDF	230350	hasProperty	omim	
GALE_k_udpgal	parameter	RDF	19823	is	sabiork.kineticrecord	
GALE_k_udpgal	parameter	RDF	46260	is	sabiork.kineticrecord	
GALE_kcat	parameter	RDF	16222	is	sabiork.kineticrecord	
GALE_k_udpgal	parameter	RDF	46263	is	sabiork.kineticrecord	
^\w+__UGP\w{0,1}$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__UGP\w{0,1}$	reaction	RDF	2.7.7.9	is	ec-code	
^\w+__UGP\w{0,1}$	reaction	RDF	19892	is	rhea	
^\w+__UGP\w{0,1}$	reaction	RDF	R00289	is	kegg.reaction	
^\w+__UGP\w{0,1}$	reaction	RDF	Q16851	is	uniprot	
^\w+__UGALP\w{0,1}$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__UGALP\w{0,1}$	reaction	RDF	2.7.7.10	is	ec-code	
^\w+__UGALP\w{0,1}$	reaction	RDF	14212	is	rhea	
^\w+__UGALP\w{0,1}$	reaction	RDF	R00502	is	kegg.reaction	
^\w+__UGALP\w{0,1}$	reaction	RDF	Q16851	is	uniprot	
^\w+__ALDR\w{0,1}$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__ALDR\w{0,1}$	reaction	RDF	1.1.1.21	is	ec-code	
^\w+__ALDR\w{0,1}$	reaction	RDF	37967	isVersionOf	rhea	
^\w+__ALDR\w{0,1}$	reaction	RDF	R01095	isVersionOf	kegg.reaction	
^\w+__ALDR\w{0,1}$	reaction	RDF	P15121	isVersionOf	uniprot	
ALDR_k_gal	parameter	RDF	22893	is	sabiork.kineticrecord	
ALDR_kcat	parameter	RDF	22893	is	sabiork.kineticrecord	
ALDR_k_gal	parameter	RDF	15695	is	sabiork.kineticrecord	
^\w+__PGM1\w{0,1}$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__PGM1\w{0,1}$	reaction	RDF	5.4.2.2	is	ec-code	
^\w+__PGM1\w{0,1}$	reaction	RDF	23539	is	rhea	
^\w+__PGM1\w{0,1}$	reaction	RDF	R00959	is	kegg.reaction	
^\w+__PGM1\w{0,1}$	reaction	RDF	P36871	is	uniprot	
^\w+__PGM1\w{0,1}$	reaction	RDF	612934	hasProperty	omim	
^\w+__PPASE$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__PPASE$	reaction	RDF	3.6.1.1	is	ec-code	
^\w+__PPASE$	reaction	RDF	24579	is	rhea	
^\w+__PPASE$	reaction	RDF	R00004	is	kegg.reaction	
^\w+__PPASE$	reaction	RDF	Q15181	is	uniprot	
^\w+__NDKU$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__NDKU$	reaction	RDF	2.7.4.6	is	ec-code	
^\w+__NDKU$	reaction	RDF	25101	is	rhea	
^\w+__NDKU$	reaction	RDF	R00156	is	kegg.reaction	
^\w+__NADPR$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__NADPR$	reaction	RDF	1.1.1.49	is	ec-code	
^\w+__NADPR$	reaction	RDF	15844	is	rhea	
^\w+__NADPR$	reaction	RDF	R00835	is	kegg.reaction	
^\w+__NADPR$	reaction	RDF	P11413	is	uniprot	
^\w+__ATPS$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__ATPS$	reaction	RDF	R00086	is	kegg.reaction	
^\w+__ATPS$	reaction	RDF	13068	is	rhea	
				isVersionOf		
^\w+__GLY\w{0,1}$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
				isVersionOf		
^\w+__GTFGAL\w{0,1}$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
^\w+__GTFGLC\w{0,1}$	reaction	RDF	SBO:0000176	is	biomodels.sbo	biochemical reaction
# species						
^\w+__glc$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__glc$	species	RDF	CHEBI:4167	is	chebi	D-glucopyranose
^\w+__glc$	species	RDF	C00031	is	kegg.compound	D-Glucose
^\w+__glc$	species	Formula	C6H12O6			
^\w+__glc$	species	Charge	0			
^\w+__gal\w{0,1}$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__gal\w{0,1}$	species	RDF	CHEBI:28061	is	chebi	alpha-D-galactose
^\w+__gal\w{0,1}$	species	RDF	C00124	is	kegg.compound	D-Galactose
^\w+__gal\w{0,1}$	species	Formula	C6H12O6			
^\w+__gal\w{0,1}$	species	Charge	0			
^\w+__glc1p$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__glc1p$	species	RDF	CHEBI:29042	is	chebi	alpha-D-glucose 1-phosphate
^\w+__glc1p$	species	RDF	C00103	is	kegg.compound	D-Glucose 1-phosphate
^\w+__glc1p$	species	Formula	C6H13O9P			
^\w+__glc1p$	species	Charge	0			
^\w+__glc6p$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__glc6p$	species	RDF	CHEBI:58225	is	chebi	alpha-D-glucose 6-phosphate(2-)
^\w+__glc6p$	species	RDF	C00668	isVersionOf	kegg.compound	alpha-D-Glucose 6-phosphate
^\w+__glc6p$	species	Formula	C6H11O9P			
^\w+__glc6p$	species	Charge	-2			
^\w+__gal1p$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical

^\w+__gal1p$	species	RDF	CHEBI:58336	is	chebi	alpha-D-galactose 1-phosphate(2-)
^\w+__gal1p$	species	RDF	C00446	isVersionOf	kegg.compound	alpha-D-Galactose 1-phosphate
^\w+__gal1p$	species	Formula	C6H11O9P			
^\w+__gal1p$	species	Charge	-2			
^\w+__udpglc$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__udpglc$	species	RDF	CHEBI:58885	is	chebi	UDP-alpha-D-glucose(2-)
^\w+__udpglc$	species	RDF	C00029	isVersionOf	kegg.compound	UDP-glucose
^\w+__udpglc$	species	Formula	C15H22N2O17P2			
^\w+__udpglc$	species	Charge	-2			
^\w+__udpgal$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__udpgal$	species	RDF	CHEBI:66914	is	chebi	UDP-alpha-D-galactose(2-)
^\w+__udpgal$	species	RDF	C00052	isVersionOf	kegg.compound	UDP-alpha-D-galactose
^\w+__udpgal$	species	Formula	C15H22N2O17P2			
^\w+__udpgal$	species	Charge	-2			
^\w+__galtol$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__galtol$	species	RDF	CHEBI:16813	is	chebi	galactitol
^\w+__galtol$	species	RDF	C01697	is	kegg.compound	Galactitol
^\w+__galtol$	species	Formula	C6H14O6			
^\w+__galtol$	species	Charge	0			
^\w+__atp$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__atp$	species	RDF	CHEBI:30616	is	chebi	ATP(4-)
^\w+__atp$	species	RDF	C00002	isVersionOf	kegg.compound	ATP
^\w+__atp$	species	Formula	C10H12N5O13P3			
^\w+__atp$	species	Charge	-4			
^\w+__adp$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__adp$	species	RDF	CHEBI:456216	is	chebi	ADP(3-)
^\w+__adp$	species	RDF	C00008	isVersionOf	kegg.compound	ADP
^\w+__adp$	species	Formula	C10H12N5O10P2			
^\w+__adp$	species	Charge	-3			
^\w+__utp$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__utp$	species	RDF	CHEBI:46398	is	chebi	UTP(4-)
^\w+__utp$	species	RDF	C00075	isVersionOf	kegg.compound	UTP
^\w+__utp$	species	Formula	C9H11N2O15P3			
^\w+__utp$	species	Charge	-4			
^\w+__udp$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__udp$	species	RDF	CHEBI:58223	is	chebi	UDP(3-)
^\w+__udp$	species	RDF	C00015	isVersionOf	kegg.compound	UDP
^\w+__udp$	species	Formula	C9H11N2O12P2			
^\w+__udp$	species	Charge	-3			
^\w+__phos$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__phos$	species	RDF	CHEBI:43474	is	chebi	hydrogenphosphate
^\w+__phos$	species	RDF	C00009	isVersionOf	kegg.compound	Phosphate
^\w+__phos$	species	Formula	HO4P			
^\w+__phos$	species	Charge	-2			
^\w+__ppi$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__ppi$	species	RDF	CHEBI:33019	is	chebi	diphosphate(3-)
^\w+__ppi$	species	RDF	C00013	isVersionOf	kegg.compound	Diphosphate
^\w+__ppi$	species	Formula	HO7P2			
^\w+__ppi$	species	Charge	-3			
^\w+__nadp$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__nadp$	species	RDF	CHEBI:58349	is	chebi	NADP(3-)
^\w+__nadp$	species	RDF	C00006	isVersionOf	kegg.compound	NADP+
^\w+__nadp$	species	Formula	C21H25N7O17P3			
^\w+__nadp$	species	Charge	-3			
^\w+__nadph$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__nadph$	species	RDF	CHEBI:57783	is	chebi	NADPH(4-)
^\w+__nadph$	species	RDF	C00005	isVersionOf	kegg.compound	NADPH
^\w+__nadph$	species	Formula	C21H26N7O17P3			
^\w+__nadph$	species	Charge	-4			
^\w+__suc$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__suc$	species	RDF	CHEBI:17992	is	chebi	sucrose
^\w+__suc$	species	RDF	C00089	is	kegg.compound	Sucrose
^\w+__suc$	species	Formula	C12H22O11			
^\w+__suc$	species	Charge	0			
^\w+__h2o$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__h2o$	species	RDF	CHEBI:15377	is	chebi	water
^\w+__h2o$	species	RDF	C00001	is	kegg.compound	H2O
^\w+__h2o$	species	Formula	H2O			
^\w+__h2o$	species	Charge	0			
^\w+__hydron$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__hydron$	species	RDF	CHEBI:15378	is	chebi	hydron
^\w+__hydron$	species	RDF	C00080	is	kegg.compound	H+
^\w+__hydron$	species	Formula	H			

^\w+__hydron$	species	Charge	+1			
^\w+__h2$	species	RDF	SBO:0000247	is	biomodels.sbo	simple chemical
^\w+__h2$	species	RDF	CHEBI:18276	is	chebi	dihydrogen
^\w+__h2$	species	RDF	C00282	is	kegg.compound	Hydrogen
^\w+__h2$	species	Formula	H2			
^\w+__h2$	species	Charge	0			
^\w+__rbcM$	species	RDF	SBO:0000406	is	biomodels.sbo	observable
^\w+__rbcM$	species	RDF	BTO:0000424	is	bto	erythrocyte
^\w+__rbcM$	species	RDF	FMA:62845	is	fma	erythrocyte
^\w+__rbcM$	species	RDF	GO:0005623	is	go	cell
^\w+__rbcM$	species	RDF	FMA:68646	is	fma	cell
c__alb	species	RDF	SBO:0000252	is	biomodels.sbo	polypeptide chain
c__alb	species	RDF	P02768	is	uniprot	serum albumin