

## BioPAN database diagram

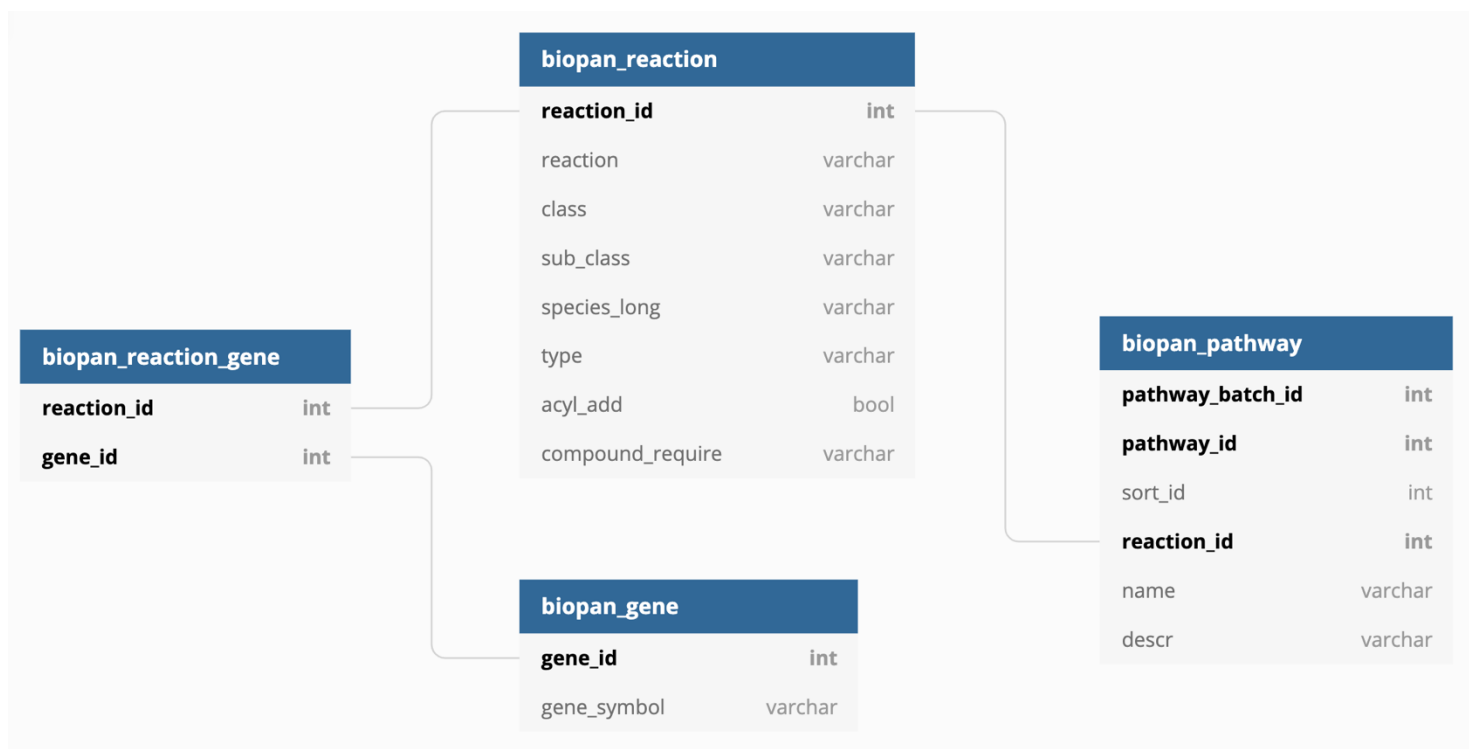


Table biopan_gene; contains gene information			
*Pk	gene_id	integer	Entrez gene ID
	gene_symbol	varchar(30)	Gene notation

Table biopan_reaction; contains reaction information			
*Pk	reaction_id	integer	
	reaction	varchar(20)	Reactant and product separated by a comma
	class	varchar(100)	Main category of reaction
	sub_class	varchar(100)	Subcategory of reaction
	species_long	varchar(100)	Species referred to the reaction
	type	varchar(5)	Type of reaction (lipid or fa)
	acyl_add	bool	Is an acyl chain added?
	compound_require	varchar(10)	Compound added or removed (fa, facoa or NULL)

Table biopan_pathway; contains pathway information			
*Pk	pathway_batch_id	integer	
*Pk	pathway_id	integer	
	sort_id	integer	Order of the reactions in pathways
*Pk	reaction_id	integer	
	name	varchar(100)	Main category of pathway
	descr	varchar(100)	Subcategory of pathway

Table biopan_reaction_gene; contains link between reaction and gene			
*Pk	reaction_id	integer	
*Pk	gene_id	integer	