Trait - gene expression associations

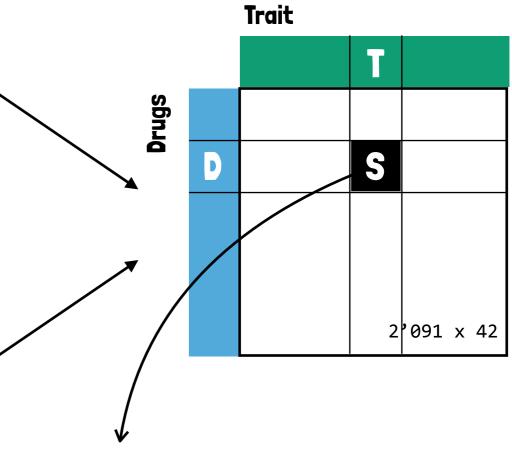
Score matrix

Score the overlap in genes

Trait	Gene	-log(P)
T1	Α	1
	В	8
	С	20
	D	3
	E	2

DrugBank.ca

Drug	Indication	Target Genes
DB001	T1	A,B,C
DB002	T1	A,C,D
DB003	T1	E
DB004	T1,T2	A,E
	• • •	• • •



S = -log[min(P) * #genes]

Example: S(DB001, T1) = 20 - log[3]