

1	"guides": [{"name": "left_guide", "x": 250}, {"name": "right_guide", "x": 750}],	
2	"constraintDefinitions": [
3	{	
4	"name": "boundary",	1 set that contains all nodes
5	"forEach": [
6	{"constraint": "position", "position": "right", "of": "left_guide", "gap": 10},	91 constraints
7	{"constraint": "position", "position": "left", "of": "right_guide", "gap": 10}	91 constraints
8]	
9	},	
10	{	
11	"sets": {"partition": "type", "ignore": ["unknown", "downstream genes"]},	4 sets
12	"forEach": [{"constraint": "padding", "amount": 25}]	padding added to 47 nodes
13	},	
14	{	
15	"sets": [{"partition": "type", "ignore": ["unknown"]}],	1 set
16	"forEach": [
17	{	
18	"constraint": "order", "axis": "y", "by": "type",	
19	"band": 200, "gap": 50,	180 constraints
20	"order": ["extracellular", ..., "downstream genes"]	
21	}	
22]	
23	},	
24	{	
25	"from": {"expr": "node.type === 'downstream genes'"},	12 sets
26	"sets": {"partition": "group"},	
27	"forEach": [
28	{"constraint": "hull", "style": "visible"},	12 WebCoLa groups created
29	{"constraint": "cluster"},	145 new edges added
30	{"constraint": "padding", "amount": 5}	padding added to 43 nodes
31]	
32	},	
33	{	
34	"from": {"expr": "node.type === 'unknown'"},	1 set
35	"sets": {"join": [{"key": "node._id"}, {"key": "node.neighbors.extract('_id')"}]},	
36	"forEach": [{"constraint": "align", "axis": "x"}]	1 constraint
37	}	
38]	