

```
1 "guides": [  
2   {"name": "left_guide", "x": 250},  
3   {"name": "right_guide", "x": 750}  
4 ],  
5 "constraintDefinitions": [  
6   {  
7     "name": "boundary",  
8     "forEach": [  
9       {"constraint": "position", "position": "right", "of": "left_guide", "gap": 10},  
10      {"constraint": "position", "position": "left", "of": "right_guide", "gap": 10}  
11    ]  
12  },  
13  {  
14    "sets": {"partition": "type", "ignore": ["unknown", "downstream genes"]},  
15    "forEach": [{"constraint": "padding", "amount": 25}]  
16  },  
17  {  
18    "sets": [{"partition": "type", "ignore": ["unknown"]}],  
19    "forEach": [  
20      {  
21        "constraint": "order", "axis": "y", "by": "type",  
22        "band": 200, "gap": 50,  
23        "order": ["extracellular", ..., "downstream genes"]  
24      }  
25    ]  
26  },  
27  {  
28    "from": {"expr": "node.type === 'downstream genes'"},  
29    "sets": {"partition": "group"},  
30    "forEach": [  
31      {"constraint": "hull", "style": "visible"},  
32      {"constraint": "cluster"},  
33      {"constraint": "padding", "amount": 5}  
34    ]  
35  },  
36  {  
37    "from": {"expr": "node.type === 'unknown'"},  
38    "sets": {"collect": ["node", "node.neighbors"]},  
39    "forEach": [{"constraint": "align", "axis": "x"}]  
40  }  
41 ]
```