

**color**  
 int[] color[r, g, b]  
**colorbar**  
 color max\_color  
 color max\_center  
 color min\_color  
 color min\_center  
 double max  
 double center  
 double min  
 string max\_label  
 string min\_label  
**bin**  
 double p\_value  
 string state  
 double value  
 string[] genes  
 int bin  
**metabin**  
 string[] genes  
 string[] evalues  
 double min  
 double max  
 int bin  
**nucleotide\_motif**  
 string candidate  
 bin[] bins  
 string location  
 double mi  
 double z\_score  
 int robustness  
 int robustness\_max  
 int position\_bias  
 int orientation\_bias  
 double conservation\_index  
 string seed  
 string[] names  
 string[] protein\_array  
 int cluster  
**fire\_general**  
 colorbar scalebar  
 int bincount  
 metabin[] metabins  
 nucleotide\_motif[] motifs  
 int clusters

string exptype  
 string querysettings  
 int status  
**fire\_interaction**  
 colorbar scalebar  
 nucleotide\_motif[] motifs  
 double[][] interaction\_matrix\_r0  
 double[][] interaction\_matrix\_r1  
 double[][] interaction\_matrix\_r3  
 double[][] interaction\_matrix\_r4  
 string querysettings  
 int status  
**protein\_motif**  
 string candidate  
 bin[] bins  
 double mi  
 double z\_score  
 int robustness  
 int robustness\_max  
 string[] names  
 string[] details  
 int cluster  
**firepro\_general**  
 colorbar colorbar  
 int bincount  
 metabin[] metabins  
 protein\_motif[] motifs  
 int clusters  
 string exptype  
 string querysettings  
 int status  
**firepro\_interaction**  
 colorbar scalebar  
 protein\_motif[] motifs  
 double[][] interaction\_matrix\_r0  
 double[][] interaction\_matrix\_r1  
 double[][] interaction\_matrix\_r3  
 double[][] interaction\_matrix\_r4  
 string querysettings  
 int status  
**pathway**  
 bin[] bins  
 string pathway  
**ipage\_general**  
 colorbar scalebar

int bincount  
 metabin[] metabins  
 pathway[] pathways  
 string exptype  
 map<string, string> querysettings  
 int status  
**prmg\_general\_protein**  
 colorbar scalebar  
 pathway[] pathways  
 protein\_motif[] motifs  
 double[][] interaction\_matrix  
 int status  
**prmg\_general**  
 colorbar scalebar  
 pathway[] pathways  
 nucleotide\_motif[] motifs  
 double[][] interaction\_matrix  
 int status  
**fire\_results**  
 fire\_general general  
 fire\_interaction interaction  
**firepro\_results**  
 firepro\_general general  
 firepro\_interaction interaction

**NOTES**

bin.genes may have duplicates  
 colorbar is unused  
 interaction\_matrix\_[r0, r3] are initialized to 0  
 interaction\_matrix\_[r1, r4] are initialized to -1