Table S5

Protein-coding genes in the Top 20 CNV regions (by log2ratio ) in *Schistosoma mansoni* strains BRE and GH2.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Systematic\_name | Product | CNV\_number | size (bp) | log2 BRE/GH2 | chr\_position |
| Smp\_084340 | ribosomal pseudouridine synthase | CNVR\_271 | 21757 | -6,70223 | Schisto\_mansoni.Chr\_2:30274640..30296396 |
| Smp\_091750 | hypothetical protein | CNVR\_377 | 5439 | -6,576607 | Schisto\_mansoni.Chr\_6:3942888..3948326 |
| Smp\_153370 | hypothetical protein | CNVR\_448 | 5439 | 5,566192 | Schisto\_mansoni.Chr\_5:2399766..2405204 |
| Smp\_173160 | family M13 unassigned peptidase (M13 family) | CNVR\_270 | 58275 | -5,404273 | Schisto\_mansoni.Chr\_2:30215588..30273862 |
| Smp\_191970 | CAI 2 protein  | CNVR\_417 | 6993 | -6,405771 | Schisto\_mansoni.Chr\_6:12364014..12371006 |
| Smp\_199430 | nephrocystin 4 | CNVR\_145 |  |  | Schisto\_mansoni.Chr\_2:8237366..8240474 |
| Smp\_147660 | hypothetical protein | CNVR\_145 | 3109 | -5,464218 | Schisto\_mansoni.Chr\_2:8237366..8240474 |
| Smp\_133890 | hypothetical protein | CNVR\_1 | 3453 | 4,629796 | Schisto\_mansoni.Chr\_W:462137..465589 |
| Smp\_202140 | hypothetical protein | CNVR\_634 | 3109 | 4,837445 | Schisto\_mansoni.Chr\_3:18412958..18416066 |