|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |   Table 3. Associations of omnibus test testing cCAG, fCAG, and gCAGs, with host features GRS, and Diet Quality score | | | | | | |
|  |  |  |  |  |  |  |
| **Host factor** | **SE category** | **Top CAG** | **pval** | **FDR** | **nVars** | **OmniBus p-value** |
| GRS | Species | sCAG1 | 0.0265 | 0.159 | 6 | 0.0646 |
|  | Function | fCAG102 | 0.0183 | 0.8855 | 121 | 0.5702 |
|  | Sub-species | ssCAG10 | 0.0554 | 0.2995 | 10 | 0.0869 |
|  |  |  |  |  |  |  |
| DQS | Species | sCAG3 | 0.368 | 0.989 | 6 | 0.9608 |
|  | Function | fCAG111 | 0.00136 | 0.16456 | 121 | 0.6549 |
|  | Sub-species | ssCAG7 | 0.398 | 0.944 | 10 | 0.992 |
|  |  |  |  |  |  |  |