**Table S5:**

**Standardized coefficients for canonical variables.** The highest weights are showed in bold.

|  |  |  |
| --- | --- | --- |
| Variable | Root 1 | Root 2 |
| Number of branchiae | **0.751** | -0.123 |
| Wide anterior region | 0.369 | **1.237** |
| Prostomium width | 0.046 | -0.825 |
| Rate ch9L/Anterior region | **1.673** | **-2.509** |
| Length CH1-CH8 | **1.237** | **-1.568** |
| Length CH9 | **-1.563** | **1.674** |
| Eigenval | 6.812 | 0.373 |
| Cumulative proportion | 0.948 | 1.000 |