**Table S2**

|  |  |  |  |
| --- | --- | --- | --- |
| Species | Feeding trait | Mobility | Sediment reworking |
|  |  |  |  |
| *Abra tenuis* | SDF | L | SM |
| *Aphelochaeta marioni* | SDF | L | SM |
| *Capitella capitata* | SSDF | L | HD |
| *Cerastoderma edule*  | SF | S | B |
| *Eteone longa* | P | F | R |
| *Gammarus spp.* | SDF | S | SM |
| *Heteromastus filiformis* | SSDF | L | HD |
| *Hydrobia ulvae* | SDF | F | SM |
| *Macoma balthica* | SDF | L | B |
| *Malacoceros tetracerus* | SDF | L | SM |
| *Nemertinae spp.* | P | S | R |
| *Nereis diversicolor*  | O | F | R |
| *Oligochaeta* | SSDF | S | HD |
| *Polydora ligni* | SDF | T | SM |
| *Pygospio elegans* | SDF | T | SM |
| *Retusa obtusa* | P | F | SM |
| *Scrobicularia plana*  | SDF | L | B |
| *Streblospio benedicti* | SDF | L | SM |
|   |   |   |   |