|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| accession | name | habitat | group | MID GeoB.sff | MID MikeH.sff |
| Acan\_shallow\_PS701 | A1 | shallow slope | Acanthella | TAGAGACGAG |  |
| Acan\_deep\_PS773 | A2 | deep drop-off | Acanthella | ACGCGAGTAT |  |
| Acan\_deep\_PS508 | A3 | deep drop-off | Acanthella | ACTACTATGT |  |
| Cally\_shallow\_PSC1 | C1 | shallow slope | Callyspongia |  | TCTCTATGCG |
| Cally\_shallow\_PSC2 | C2 | shallow slope | Callyspongia | TGATACGTCT |  |
| Cally\_shallow\_PSC3 | C3 | shallow slope | Callyspongia |  | TGATACGTCT |
| Cally\_deep\_PS483 | C4 | deep drop-off | Callyspongia | CGAGAGATAC |  |
| Cally\_deep\_PS484 | C5 | deep drop-off | Callyspongia |  | TAGTATCAGC |
| Cally\_deep\_PS700 | C6 | deep drop-off | Callyspongia | TACACACACT |  |
| Cally\_deep\_PS719 | C7 | deep drop-off | Callyspongia | TACACGTGAT  |  |
| Rhabda\_deep\_PS1 | RG1 | deep drop-off | Rhabdastrella | ACATACGCGT |  |
| Rhabda\_deep\_PS2 | RG2 | deep drop-off | Rhabdastrella | ACTGTACAGT |  |
| Rhabda\_deep\_PS4 | RG3 | deep drop-off | Rhabdastrella | AGACTATACT  |  |
| Rhabda\_shallow\_PS1 | RG4 | shallow slope | Rhabdastrella | AGCGTCGTCT |  |
| Rhabda\_shallow\_PS2 | RG5 | shallow slope | Rhabdastrella | AGTACGCTAT |  |
| Rhabda\_shallow\_PS3 | RG6 | shallow slope | Rhabdastrella | ATAGAGTACT |  |
| Rhaphox\_deep\_PS718 | RS1 | deep drop-off | Rhaphoxya |  | CTCGCGTGTC |
| Rhaphox\_deep\_PS720 | RS2 | deep drop-off | Rhaphoxya | ACGAGTGCGT |  |
| Rhaphox\_deep\_PS723 | RS3 | deep drop-off | Rhaphoxya | ACGCTCGACA |  |
| Rhaphox\_deep\_PS724 | RS4 | deep drop-off | Rhaphoxya | ATCAGACACG |  |
| Rhaphox\_deep\_PS699 | RS5 | deep drop-off | Rhaphoxya | TCTCTATGCG |  |
| water\_deep1 | W1 | deep drop-off | watercolumn |  | ACGCTCGACA |
| water\_deep2 | W2 | deep drop-off | watercolumn |  | AGACGCACTC |
| water\_deep3 | W3 | deep drop-off | watercolumn |  | AGCACTGTAG |
| water\_shallow1 | W4 | shallow slope | watercolumn |  | ATCAGACACG |
| water\_shallow2 | W5 | shallow slope | watercolumn |   | ATATCGCGAG |