**Table SM.01.** Information on additional sequenced populations from family Macrobiotidae.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sample/ population code** | **Species** | **Substrate** | **Locality** | **Coordinates and altitude** | **Collector** |
| **S605** | *Macrobiotus hufelandi* | Moss | Mt. Evans, Colorado, USA | 39°38'48.4"N 105°35'18.1"W XX m asl | Alex Goke |
| **S859** | *Macrobiotus*  *sandrae* | Moss | Villa Minozzo, Parma, Italy | 44°23'15.7"N 10°26'47.5"E  XX m asl | Claudio Ferrari |
| **S38** | *Paramacrobiotus richtersi* | Moss | Savela, Jyväskylä, Finland | 62°14'35.1"N 25°42'55.6"E  XX m asl | Matteo Vecchi |
| **S107** | *Paramacrobiotus spatialis* | Leaf litter | Borgata Citta´, Bologna, Italy | 44°34'41.9"N 11°10'27.7"E  XX m asl | Matteo Vecchi |
| **S69** | *Minibiotus* cf. *diversus* | Rock pool sediment | Corniglio, Parma, Italy | 44°23'50.7"N 9°59'49.6"E  XX m asl | Matteo Vecchi & Claudio Ferrari |
| **S12** | *Macrobiotus* cf. *sapiens* | Road dust | Ponte Samoggia, Bologna, Italy | 44°34'15.0"N 11°09'10.5"E  XX m asl | Matteo Vecchi |
| **DK.056** | *Macrobiotus*  *scoticus* | ??? |  |  | Daniel Stec |

**Notes:** sample S69 was collected under sampling permit Prot.1128/2019 issued to M.V. by Ente Nazionale Appennino Emiliano (Massa-Carrara, Italy).