**S5 Table. Summary of Illumina MiSeq sequencing and DADA2 analysis**

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| --- | --- | --- | --- |
| **Sample** | **Raw Reads#** | **Filtered Reads#** | **Observed SVs** |
| F-stream-1 | 57827 | 11451 | 272 |
| F-stream-2 | 74389 | 15970 | 338 |
| F-float-1 | 62722 | 9689 | 219 |
| F-float-2 | 69993 | 11426 | 274 |
| F-sed-1 | 75923 | 15649 | 347 |
| F-sed-2 | 114750 | 24789 | 398 |
| V-brown-1 | 68415 | 9773 | 216 |
| V-brown-2 | 76295 | 14090 | 298 |
| V-grey-1 | 129163 | 19926 | 324 |
| V-grey-2 | 73840 | 11467 | 218 |
| M-1M-2 | 9590955143 | 65773729 | 5751 |