**S2 Table. The frequency of appearance of *CEN* loci in the *D. bruxellensis* CBS 2499 (Y879) genome (**[**http://genome.jgi.doe.gov/Dekbr2/Dekbr2.home.html**](http://genome.jgi.doe.gov/Dekbr2/Dekbr2.home.html)**).**

|  |  |  |
| --- | --- | --- |
| ***CEN* locus** | **Number of alignment hits#** | **Scaffold #** |
| *CEN1* | 3 | 1, 4 |
| *CEN2-1* | 1 | 6 |
| *CEN2-2* | 51 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 16, 17, 18, 21, 47, 36 |
| *CEN2-3* | 1 | 6 |
| *CEN2-4* | 52 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 16, 17, 18, 21, 47, 36 |
| *CEN2-5* | 52 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 16, 17, 18, 21, 47, 36 |

# - The E-value < 1e-10 as a parameter to filter the Blast results followed by another local script, which can filter the hits shorter than ⅓ of the total length of the query.