

Table S4**Table S4:** Virsorter2 results on bp. Data of total bp, as well as how much was identified putative viral and putative non-viral by

VirSorter2

Assembly	No. of putative viral bp	No. of putative non-viral bp	Total no. of bp	% putative Viral bp	% putative non-viral bp
Baseline metaSPAdes (Assembly 1)	29,835,217	5,643,379	35,478,596	84.1	15.9
DC3000 + metaSPAdes (Assembly 2)	21,504,440	3,661,585	25,166,025	85.5	14.5
DC3000 + A metaSPAdes (Assembly 3)	9,004,304	1,196,940	10,201,244	88.3	11.7
DC3000 + B metaSPAdes (Assembly 4)	9,500,589	1,466,266	10,966,855	86.6	13.4
DC3000 + C metaSPAdes (Assembly 5)	6,364,929	926,243	7,291,172	87.3	12.7
DC3000 – metaSPAdes (Assembly 6)	39,008,458	7,481,007	46,489,465	83.9	16.1
DC3000 – A metaSPAdes (Assembly 7)	15,563,712	2,596,593	18,160,305	85.7	14.3
DC3000 – B metaSPAdes (Assembly 8)	14,712,604	2,586,311	17,298,915	85.0	15.0
DC3000 – C metaSPAdes (Assembly 9)	15,557,533	2,593,590	18,151,123	85.7	14.3
All samples hybrid metaSPAdes (Assembly 10)	86,640,254	14,128,443	100,768,697	86.0	14.0
Baseline Canu (Assembly 11)	27,445,358	314,256	27,759,614	98.9	1.1
Baseline Canu (Assembly 12)	27,436,635	313,952	27,750,587	98.9	1.1