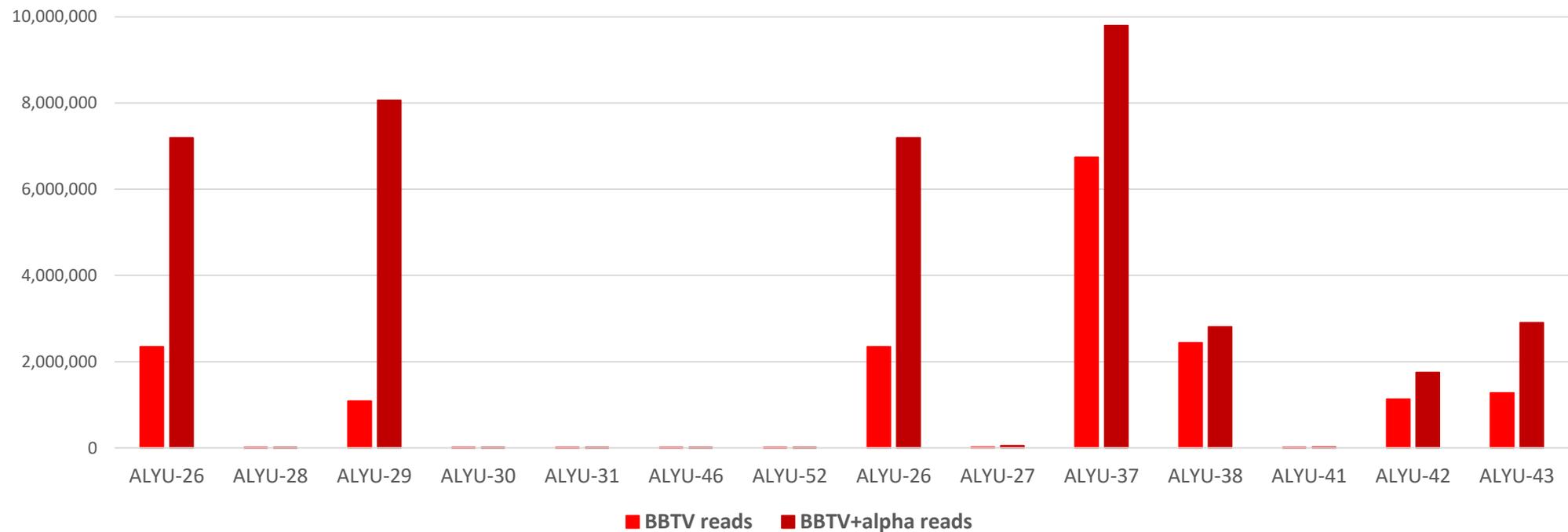


Plant	Samples	BBTV reads	BBTA+alpha reads	Total number reads	% of viral reads
<i>Musa Ipomoea</i>	ALYU-26	2,343,872	7,190,098	10,455,772	0.6376
	ALYU-28	2,170	3,376	12,488,618	0.0003
<i>Musa Phyllanthus</i>	ALYU-29	1,088,396	8,063,084	11,642,444	0.6926
	ALYU-30	6,022	7,842	13,503,218	0.0006
<i>Arachis</i>	ALYU-31	1,042	1,452	10,347,832	0.0001
	ALYU-46	259	467	18,154,862	0.0000
<i>Musa</i>	ALYU-52	1,685	1,885	10,763,616	0.0002

Plant	Samples	BBTV reads	BBTA+alpha reads	Total number reads	% of viral reads
<i>Musa Commelina</i>	ALYU-26	2,343,872	7,190,098	10,455,772	0.6376
	ALYU-27	14,932	53,512	11,731,770	0.0043
<i>Musa Bidens</i>	ALYU-37	6,742,128	9,793,147	10,828,680	0.9044
	ALYU-38	2,435,471	2,808,035	11,763,264	0.2387
<i>Chromolaena</i>	ALYU-41	6,999	17,142	11,534,294	0.0015
<i>Musa</i>	ALYU-42	1,132,366	1,747,470	13,002,052	0.1344
<i>Musa</i>	ALYU-43	1,278,482	2,905,982	13,238,836	0.2195



**Figure S4.** Counts of Illumina reads representing BBTv and alphasatellite DNA from banana and non-banana neighbor plants. Total DNA from banana (ALYU-26, ALYU-29, ALYU-37, ALYU-42-43, ALYU-46, ALYU-52) and non-banana (ALYU-27-28, AYL-30-31, ALYU-38, ALYU-41) plants was treated by RCA, RCA products were Illumina sequenced and the sequencing reads were used for *de novo* reconstruction of BBTv and alphasatellite genomes. The Illumina reads were then mapped onto the reconstructed BBTv and alphasatellite genomes present in each sample (or in the case of Ipomoea, Phyllanthus, Arachis and bananas ALYU-46 and ALYU-52 onto the BBTv and alphasatellite genomes present in infected banana neighbors) and counted. Counts are given in tables and plotted as a bar-graph.