

**Table S2.** Number of contigs retrieved after metagenomic analysis with the corresponding phages contigs identified with VIRSORTER (category 1,2 and 3) and VIBRANT in the sediment and water samples of the 7 stations (S1-S7)

Stations	Total contigs		Nb. of phage contigs identified with VIRSORTER		Nb. of phage contigs identified with VIBRANT	
	Sediment	Water	Sediment	Water	Sediment	Water
<b>S1</b>	27058	68116	507	1841	839	2352
<b>S2</b>	25471	147211	683	1717	896	2863
<b>S3</b>	89161	136906	589	1238	1262	2113
<b>S4</b>	61964	82840	489	1056	803	1710
<b>S5</b>	23164	173	346	714	518	1029
<b>S6</b>	125292	112680	616	1609	1252	2327
<b>S7</b>	90986	102767	401	1507	952	2111
<b>Total</b>	443096	650693	3631	9682	6522	14505