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| --- | --- | --- | --- |
| **Table S3. Putative prophages in the Black Sea prokaryotic contigs** | | | |
| **Similar prophages** | ***Sequence length in kbp*** | ***Number of similar proteins*** | ***Sampling location*** |
| PHAGE\_Synech\_syn9\_NC\_008296 | 16.9 | 18 | Poti September 2018 |
| PHAGE\_Synech\_S\_SM2\_NC\_015279 | 14.2 | 22 | Poti September 2018 |
| PHAGE\_Synech\_syn9\_NC\_008296 | 9.4 | 17 | Poti September 2018 |
| PHAGE\_Synech\_S\_SKS1\_NC\_020851 | 9.4 | 17 | Poti September 2018 |
| PHAGE\_Synech\_S\_WAM1\_NC\_031944 | 9.1 | 17 | Poti September 2018 |
| PHAGE\_Synech\_A.HR1\_NC\_020486 | 6.1 | 22 | Poti September 2018 |
| PHAGE\_Synech\_S\_SM2\_NC\_015279 | 7.6 | 20 | Poti September 2018 |
| PHAGE\_Synech\_syn9\_NC\_008296 | 8.5 | 21 | Poti September 2018 |
| PHAGE\_Synech\_S\_SSM7\_NC\_015287 | 42.3 | 37 | Gonio September 2018 |
| PHAGE\_Synech\_S\_SM2\_NC\_015279 | 17.1 | 36 | Gonio September 2018 |
| PHAGE\_Synech\_S\_SKS1\_NC\_020851 | 30.6 | 46 | Gonio September 2018 |
| PHAGE\_Synech\_S\_SKS1\_NC\_020851 | 23.2 | 56 | Gonio September 2018 |
| PHAGE\_Agroba\_Atu\_ph07\_NC\_042013 | 10.1 | 16 | Gonio September 2018 |