

Tara genomes Cluster-based HGT HyperG co-occur.	0.14	−0.16	−0.18	−0.38	−0.11	−0.33	1.49
Tara genomes Cluster-based HGT propr co-abun.	0.19	n.s.	n.s.	−0.13	−0.22	−0.13	2.32
Tara genomes Cluster-based HGT Simple co-occur.	0.28	n.s.	−0.15	−0.18	n.s.	−0.14	1.46
Tara genomes Cluster-based HGT HyperG co-occur. (GLMM)	−0.20	−0.17	−0.11	−0.30	−0.24	−0.29	1.48
Tara genomes Cluster-based HGT propr co-abun. (GLMM)	n.s.	n.s.	n.s.	−0.11	−0.19	−0.12	2.16
Tara genomes Cluster-based HGT Simple co-occur. (GLMM)	n.s.	−0.10	n.s.	−0.09	−0.17	−0.14	1.41
Tara genomes BLAST-based HGT HyperG co-occur.	0.28	−0.24	0.02	n.s.	−0.22	−0.23	1.75
Tara genomes BLAST-based HGT propr co-abun.	0.22	−0.28	−0.04	−0.19	−0.29	−0.32	1.69
Tara genomes BLAST-based HGT Simple co-occur.	0.12	−0.16	0.13	0.05	−0.27	−0.15	1.60
Tara genomes RANGER-DTL-based HGT HyperG co-occur.	−0.23	−0.25	n.s.	n.s.	n.s.	n.s.	1.72
Tara genomes RANGER-DTL-based HGT propr co-abun.	−0.20	−0.19	n.s.	n.s.	n.s.	0.14	2.30
Tara genomes RANGER-DTL-based HGT Simple co-occur.	−0.21	−0.14	n.s.	n.s.	n.s.	0.13	1.84
proGenomes Cluster-based HGT HyperG co-occur.	n.s.	n.s.	n.s.	−0.35	n.s.	n.s.	1.83
	Depth	Latitude	Longitude	Temperature	Oxygen	Salinity	Max. VIF

Association

Positive

Negative