Actinobacteria -	80	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	6	0	0	0	0	0	1	0
Apicomplexa -	4	14	1	0	1	0	0	0	0	0	4	0	0	0	2	0	0	1	0	0	0	0	4	0	2	0	0	0	0	0
Arthropoda -	0	2	5	0	1	0	1	0	0	0	13	1	0	0	4	1	0	1	0	0	0	0	3	1	9	2	0	0	1	0
Artverviricota -	0	O	1	12	1	0	0	0	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	16	2	0	0	0	0
Ascomycota -	0	1	2	0	35	0	1	1	0	0	7	1	0	0	2	1	0	0	0	0	0	0	2	0	4	1	0	0	0	0
Bacillariophyta -	1	1	0	0	2	5	1	1	0	0	2	0	1	0	1	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0
Bacteroidetes -	7	0	0	0	0	0	27	0	0	1	1	1	0	1	12	1	0	0	0	0	0	1	12	0	1	0	0	0	1	0
Basidiomycota -	1	0	0	0	4	0	0	44	0	0	2	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0
Candidatus Thermoplasmatota -	0	1	1	0	0	0	0	0	72	0	1	5	0	0	4	1	0	0	0	0	0	0	1	0	3	1	1	0	0	0
Chloroflexi -	5	0	0	0	0	0	2	0	0	25	2	1	1	0	3	6	0	0	0	0	0	1	10	0	1	0	1	1	0	0
Chordata -	0	1	1	0	0	0	0	0	0	0	78	0	0	0	1	1	0	0	0	0	0	0	1	0	3	1	0	0	0	0
Crenarchaeota -	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanobacteria -	0	0	0	0	0	0	1	0	0	1	2	0	49	0	2	1	0	0	0	0	0	1	5	0	2	1	0	0	0	0
Deinococcus-Thermus -	14	0	0	0	1	0	2	0	0	1	2	2	1	18	5	11	0	0	0	0	0	2	21	0	0	0	0	0	0	0
Euryarchaeota -	2	0	0	0	0	0	0	0	0	0	0	0	0	0	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Firmicutes -	2	1	1	0	0	0	1	0	0	1	2	0	1	0	3	47	0	0	0	0	0	0	9	1	3	2	0	0	1	0
Kitrinoviricota -	0	0	0	0	3	0	0	0	0	0	1	2	0	0	0	0	57	0	0	0	0	0	0	0	3	0	0	0	0	0
Mollusca -	0	3	4	0	1	0	1	0	0	0	17	1	0	0	3	1	0	2	0	0	0	0	3	1	17	2	1	0	0	0
Negarnaviricota -	0	0	1	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	52	0	0	0	1	2	1	2	0	0	0	0
Peploviricota -	4	2	1	0	1	0	1	0	0	0	4	2	0	0	5	1	0	0	0	9	0	0	2	1	6	1	0	1	1	0
Pisuviricota -	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	15	0	1	0	1	0	0	0	0	0
Planctomycetes -	3	0	0	0	0	0	3	0	0	1	1	0	1	0	2	1	0	0	0	0	0	22	13	0	0	0	0	0	0	1
Proteobacteria -	8	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0	1	77	0	0	0	0	0	0	0
Spirochaetes -	2	1	1	0	1	0	2	0	0	0	4	0	1	0	3	3	0	0	0	0	0	1	12	39	4	1	0	1	1	1
Streptophyta -	0	3	6	0	1	0	0	0	0	0	7	0	0	0	4	1	0	0	0	0	0	0	3	1	53	2	0	0	0	0
Tenericutes -	0	1	1	0	0	0	0	0	0	0	2	0	0	0	2	2	0	0	0	0	0	0	1	1	4	83	0	0	0	0
Thaumarchaeota -	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	93	0	0	0
Thermotogae -	0	1	1	0	0	0	1	0	0	0	3	1	0	0	5	6	0	0	0	0	0	0	4	1	4	3	1	64	0	0
Uroviricota -	11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	1	6	0	0	0	0	0	58	0
Verrucomicrobia -	14	0	0	0	0	0	5	0	0	1	0	0	0	1	3	1	0	0	0	0	0	4	23	0	0	0	0	0	1	36
	cteria -	nplexa -	poda -	/iricota -	cota -	hyta -	letes -	/cota -	atota -	roflexi -	ordata -	eota -	cteria -	ermus -	eota -	ntes -	icota -	Mollusca -	icota -	icota -	icota -	cetes -	teria -	etes -	hyta -	utes -	eota -	ogae -	icota -	crobia -
	Actinobac	Apicomp	Arthrop	Artvervir	Ascomycota	Bacillariophyta	Bacteroidetes	Basidiomycota	olasma	Chlore	Chor	Crenarchaeot	Cyanobac	s-The	Euryarchaeota	Firmicutes	Kitrinoviricota	Mol	Negarnaviricota	Peploviricota	Pisuviricota	tomyc	Proteobacteria	Spirochaetes	Streptophyta	Tenericute	archa	Thermotog	Uroviricota	
	Acti	Ap	1	Arţ	Ğ	Bacil	Вас	Basi	ermop			Crer	Cyal	Deinococcus-Th	Eury		Kitr		Negal	Pe	<u> </u>	Planctomy	Prot	Sp	Str	-	Thaumarchaeota	The	_	Verrucom
									Candidatus Thermoplasmatota					Deino													r <del>-</del>			
									ndidat																					
									Ca						Predi	cted														