

**Table S2: Log2 Fold Change values for the 50 most abundant bacterial and fungal OTUs for all combinations of Location, Tolerance and their interactions (T\*L). Fungal OTUs highlighted in grey demonstrate significant interaction between Tolerance and Location but share directionality of the Location effect as noted in the manuscript and Fig. 3.**

Method	OTU	Effect	Location 1	Location 2	Tolerance Group 1	Tolerance Group 2	log2FC	Lower 95p CI	Upper 95p CI
16S	OTU01	L	Butner	UPRS			-0.23255	-0.51132	0.046214
16S	OTU01	T			High T	Low T	-0.02013	-0.25119	0.210935
16S	OTU01	L*T	Butner	Butner	High T	Low T	0.122171	-0.25625	0.500597
16S	OTU01	L*T	Butner	UPRS	High T	High T	-0.09025	-0.41826	0.237756
16S	OTU01	L*T	Butner	UPRS	High T	Low T	-0.25268	-0.59125	0.085896
16S	OTU01	L*T	Butner	UPRS	Low T	High T	-0.21243	-0.59657	0.171719
16S	OTU01	L*T	Butner	UPRS	Low T	Low T	-0.37485	-0.82325	0.073552
16S	OTU01	L*T	UPRS	UPRS	High T	Low T	-0.16242	-0.5042	0.179347
16S	OTU02	L	Butner	UPRS			1.155745	-0.29422	2.605707
16S	OTU02	T			High T	Low T	-0.85266	-2.23933	0.534008
16S	OTU02	L*T	Butner	Butner	High T	Low T	-2.72997	-5.56084	0.100895
16S	OTU02	L*T	Butner	UPRS	High T	High T	-0.72157	-3.04253	1.599394
16S	OTU02	L*T	Butner	UPRS	High T	Low T	0.303086	-1.72776	2.333929
16S	OTU02	L*T	Butner	UPRS	Low T	High T	2.008404	0.026955	3.989854
16S	OTU02	L*T	Butner	UPRS	Low T	Low T	3.033059	0.407538	5.658581
16S	OTU02	L*T	UPRS	UPRS	High T	Low T	1.024655	-0.95204	3.001353
16S	OTU03	L	Butner	UPRS			-2.48604	-4.60461	-0.36748
16S	OTU03	T			High T	Low T	4.387014	2.62636	6.147668
16S	OTU03	L*T	Butner	Butner	High T	Low T	5.526475	2.741633	8.311316
16S	OTU03	L*T	Butner	UPRS	High T	High T	-1.34658	-3.92309	1.229924
16S	OTU03	L*T	Butner	UPRS	High T	Low T	1.900971	-0.87891	4.680856
16S	OTU03	L*T	Butner	UPRS	Low T	High T	-6.87306	-9.60228	-4.14383
16S	OTU03	L*T	Butner	UPRS	Low T	Low T	-3.6255	-7.2261	-0.02491
16S	OTU03	L*T	UPRS	UPRS	High T	Low T	3.247553	0.235827	6.259279
16S	OTU04	L	Butner	UPRS			1.166088	-0.94782	3.279993
16S	OTU04	T			High T	Low T	-0.72757	-2.48419	1.029047
16S	OTU04	L*T	Butner	Butner	High T	Low T	-1.88246	-4.79518	1.030253
16S	OTU04	L*T	Butner	UPRS	High T	High T	0.011197	-2.32155	2.343945
16S	OTU04	L*T	Butner	UPRS	High T	Low T	0.438517	-1.97276	2.849796
16S	OTU04	L*T	Butner	UPRS	Low T	High T	1.893658	-1.155	4.94232
16S	OTU04	L*T	Butner	UPRS	Low T	Low T	2.320978	-0.98911	5.631065
16S	OTU04	L*T	UPRS	UPRS	High T	Low T	0.42732	-1.84176	2.696396
16S	OTU05	L	Butner	UPRS			-0.19505	-0.45789	0.067789
16S	OTU05	T			High T	Low T	0.070643	-0.14797	0.289253
16S	OTU05	L*T	Butner	Butner	High T	Low T	0.219277	-0.13812	0.576675
16S	OTU05	L*T	Butner	UPRS	High T	High T	-0.04642	-0.35491	0.262079

16S	OTU05	L*T	Butner	UPRS	High T	Low T	-0.12441	-0.44294	0.194127
16S	OTU05	L*T	Butner	UPRS	Low T	High T	-0.26569	-0.6294	0.098017
16S	OTU05	L*T	Butner	UPRS	Low T	Low T	-0.34368	-0.76538	0.078016
16S	OTU05	L*T	UPRS	UPRS	High T	Low T	-0.07799	-0.39842	0.242445
16S	OTU06	L	Butner	UPRS			0.09357	-0.49941	0.686548
16S	OTU06	T			High T	Low T	0.209729	-0.26975	0.689212
16S	OTU06	L*T	Butner	Butner	High T	Low T	0.951984	0.182552	1.721416
16S	OTU06	L*T	Butner	UPRS	High T	High T	0.835825	0.162048	1.509601
16S	OTU06	L*T	Butner	UPRS	High T	Low T	0.303299	-0.41083	1.017423
16S	OTU06	L*T	Butner	UPRS	Low T	High T	-0.11616	-0.92429	0.691976
16S	OTU06	L*T	Butner	UPRS	Low T	Low T	-0.64868	-1.59355	0.296185
16S	OTU06	L*T	UPRS	UPRS	High T	Low T	-0.53253	-1.24757	0.182519
16S	OTU07	L	Butner	UPRS			-0.39483	-0.79302	0.003364
16S	OTU07	T			High T	Low T	-0.006	-0.3415	0.329502
16S	OTU07	L*T	Butner	Butner	High T	Low T	0.113895	-0.43131	0.659103
16S	OTU07	L*T	Butner	UPRS	High T	High T	-0.27493	-0.77002	0.220153
16S	OTU07	L*T	Butner	UPRS	High T	Low T	-0.40083	-0.90261	0.100943
16S	OTU07	L*T	Butner	UPRS	Low T	High T	-0.38883	-0.92778	0.150118
16S	OTU07	L*T	Butner	UPRS	Low T	Low T	-0.51473	-1.14281	0.11336
16S	OTU07	L*T	UPRS	UPRS	High T	Low T	-0.1259	-0.62626	0.374463
16S	OTU08	L	Butner	UPRS			0.024388	-0.36698	0.415753
16S	OTU08	T			High T	Low T	-0.00753	-0.3393	0.324239
16S	OTU08	L*T	Butner	Butner	High T	Low T	0.205887	-0.33742	0.749197
16S	OTU08	L*T	Butner	UPRS	High T	High T	0.237807	-0.24402	0.719634
16S	OTU08	L*T	Butner	UPRS	High T	Low T	0.016857	-0.46756	0.501272
16S	OTU08	L*T	Butner	UPRS	Low T	High T	0.03192	-0.50828	0.572121
16S	OTU08	L*T	Butner	UPRS	Low T	Low T	-0.18903	-0.8169	0.438835
16S	OTU08	L*T	UPRS	UPRS	High T	Low T	-0.22095	-0.71592	0.274022
16S	OTU09	L	Butner	UPRS			-1.93005	-3.06453	-0.79556
16S	OTU09	T			High T	Low T	0.895418	-0.04561	1.836443
16S	OTU09	L*T	Butner	Butner	High T	Low T	1.898654	0.30772	3.489588
16S	OTU09	L*T	Butner	UPRS	High T	High T	-0.92681	-2.19714	0.343522
16S	OTU09	L*T	Butner	UPRS	High T	Low T	-1.03463	-2.3556	0.286345
16S	OTU09	L*T	Butner	UPRS	Low T	High T	-2.82546	-4.43798	-1.21294
16S	OTU09	L*T	Butner	UPRS	Low T	Low T	-2.93328	-4.82353	-1.04303
16S	OTU09	L*T	UPRS	UPRS	High T	Low T	-0.10782	-1.46893	1.253298
16S	OTU10	L	Butner	UPRS			-0.65787	-1.0345	-0.28123
16S	OTU10	T			High T	Low T	-0.20439	-0.51829	0.10951
16S	OTU10	L*T	Butner	Butner	High T	Low T	0.072358	-0.45501	0.599726
16S	OTU10	L*T	Butner	UPRS	High T	High T	-0.38112	-0.82937	0.067125
16S	OTU10	L*T	Butner	UPRS	High T	Low T	-0.86226	-1.31758	-0.40693

16S	OTU10	L*T	Butner	UPRS	Low T	High T	-0.45348	-0.97641	0.069446
16S	OTU10	L*T	Butner	UPRS	Low T	Low T	-0.93461	-1.55152	-0.31771
16S	OTU10	L*T	UPRS	UPRS	High T	Low T	-0.48113	-0.94668	-0.01558
16S	OTU11	L	Butner	UPRS			0.092835	-0.64535	0.831021
16S	OTU11	T			High T	Low T	0.252713	-0.33012	0.835547
16S	OTU11	L*T	Butner	Butner	High T	Low T	0.951297	0.01187	1.890723
16S	OTU11	L*T	Butner	UPRS	High T	High T	0.791418	-0.02976	1.612593
16S	OTU11	L*T	Butner	UPRS	High T	Low T	0.345548	-0.53828	1.22938
16S	OTU11	L*T	Butner	UPRS	Low T	High T	-0.15988	-1.15389	0.834137
16S	OTU11	L*T	Butner	UPRS	Low T	Low T	-0.60575	-1.78094	0.569441
16S	OTU11	L*T	UPRS	UPRS	High T	Low T	-0.44587	-1.31904	0.427303
16S	OTU12	L	Butner	UPRS			0.004225	-0.27324	0.281687
16S	OTU12	T			High T	Low T	-0.07708	-0.3129	0.158732
16S	OTU12	L*T	Butner	Butner	High T	Low T	-0.06182	-0.44258	0.318935
16S	OTU12	L*T	Butner	UPRS	High T	High T	0.019486	-0.31625	0.355224
16S	OTU12	L*T	Butner	UPRS	High T	Low T	-0.07286	-0.41361	0.267896
16S	OTU12	L*T	Butner	UPRS	Low T	High T	0.081309	-0.30479	0.467412
16S	OTU12	L*T	Butner	UPRS	Low T	Low T	-0.01104	-0.44881	0.426742
16S	OTU12	L*T	UPRS	UPRS	High T	Low T	-0.09235	-0.43387	0.249181
16S	OTU13	L	Butner	UPRS			-0.19235	-0.57706	0.19237
16S	OTU13	T			High T	Low T	-0.09045	-0.41587	0.234979
16S	OTU13	L*T	Butner	Butner	High T	Low T	0.123731	-0.41053	0.65799
16S	OTU13	L*T	Butner	UPRS	High T	High T	0.021834	-0.4501	0.493765
16S	OTU13	L*T	Butner	UPRS	High T	Low T	-0.28279	-0.7578	0.192213
16S	OTU13	L*T	Butner	UPRS	Low T	High T	-0.1019	-0.63311	0.429314
16S	OTU13	L*T	Butner	UPRS	Low T	Low T	-0.40652	-1.02361	0.210567
16S	OTU13	L*T	UPRS	UPRS	High T	Low T	-0.30463	-0.78824	0.178985
16S	OTU14	L	Butner	UPRS			-0.3959	-1.46756	0.675752
16S	OTU14	T			High T	Low T	0.647867	-0.29631	1.592044
16S	OTU14	L*T	Butner	Butner	High T	Low T	1.439546	-0.20569	3.084779
16S	OTU14	L*T	Butner	UPRS	High T	High T	0.395775	-0.83897	1.630522
16S	OTU14	L*T	Butner	UPRS	High T	Low T	0.251963	-0.97706	1.480988
16S	OTU14	L*T	Butner	UPRS	Low T	High T	-1.04377	-2.64668	0.559142
16S	OTU14	L*T	Butner	UPRS	Low T	Low T	-1.18758	-3.03353	0.658364
16S	OTU14	L*T	UPRS	UPRS	High T	Low T	-0.14381	-1.45201	1.164384
16S	OTU15	L	Butner	UPRS			0.244219	-0.41658	0.905015
16S	OTU15	T			High T	Low T	0.16475	-0.37208	0.701578
16S	OTU15	L*T	Butner	Butner	High T	Low T	1.325702	0.463959	2.187445
16S	OTU15	L*T	Butner	UPRS	High T	High T	1.405171	0.671946	2.138396
16S	OTU15	L*T	Butner	UPRS	High T	Low T	0.408969	-0.37296	1.190898
16S	OTU15	L*T	Butner	UPRS	Low T	High T	0.079469	-0.8361	0.995034

16S	OTU15	L*T	Butner	UPRS	Low T	Low T	-0.91673	-1.97168	0.138208
16S	OTU15	L*T	UPRS	UPRS	High T	Low T	-0.9962	-1.77786	-0.21455
16S	OTU16	L	Butner	UPRS			-0.04681	-0.4704	0.376779
16S	OTU16	T			High T	Low T	0.053262	-0.30323	0.409755
16S	OTU16	L*T	Butner	Butner	High T	Low T	0.169155	-0.42328	0.761586
16S	OTU16	L*T	Butner	UPRS	High T	High T	0.069082	-0.43633	0.574493
16S	OTU16	L*T	Butner	UPRS	High T	Low T	0.006451	-0.50794	0.520845
16S	OTU16	L*T	Butner	UPRS	Low T	High T	-0.10007	-0.69035	0.490207
16S	OTU16	L*T	Butner	UPRS	Low T	Low T	-0.1627	-0.85302	0.527608
16S	OTU16	L*T	UPRS	UPRS	High T	Low T	-0.06263	-0.58829	0.463027
16S	OTU17	L	Butner	UPRS			-0.12937	-0.54018	0.281433
16S	OTU17	T			High T	Low T	-0.02334	-0.36956	0.322875
16S	OTU17	L*T	Butner	Butner	High T	Low T	-0.35504	-0.91999	0.209915
16S	OTU17	L*T	Butner	UPRS	High T	High T	-0.46107	-0.96109	0.038949
16S	OTU17	L*T	Butner	UPRS	High T	Low T	-0.15272	-0.66277	0.357332
16S	OTU17	L*T	Butner	UPRS	Low T	High T	-0.10603	-0.66915	0.457094
16S	OTU17	L*T	Butner	UPRS	Low T	Low T	0.202322	-0.45084	0.855481
16S	OTU17	L*T	UPRS	UPRS	High T	Low T	0.308352	-0.20123	0.817933
16S	OTU18	L	Butner	UPRS			0.132521	-0.34315	0.608191
16S	OTU18	T			High T	Low T	0.017369	-0.3821	0.416836
16S	OTU18	L*T	Butner	Butner	High T	Low T	0.60383	-0.04482	1.25248
16S	OTU18	L*T	Butner	UPRS	High T	High T	0.718982	0.157783	1.280181
16S	OTU18	L*T	Butner	UPRS	High T	Low T	0.149891	-0.42733	0.727108
16S	OTU18	L*T	Butner	UPRS	Low T	High T	0.115152	-0.54703	0.777339
16S	OTU18	L*T	Butner	UPRS	Low T	Low T	-0.45394	-1.22159	0.313708
16S	OTU18	L*T	UPRS	UPRS	High T	Low T	-0.56909	-1.16078	0.022602
16S	OTU19	L	Butner	UPRS			-0.47537	-0.78209	-0.16865
16S	OTU19	T			High T	Low T	-0.10639	-0.36438	0.151607
16S	OTU19	L*T	Butner	Butner	High T	Low T	0.338587	-0.08529	0.762462
16S	OTU19	L*T	Butner	UPRS	High T	High T	-0.0304	-0.4136	0.352806
16S	OTU19	L*T	Butner	UPRS	High T	Low T	-0.58176	-0.96698	-0.19654
16S	OTU19	L*T	Butner	UPRS	Low T	High T	-0.36898	-0.78478	0.046808
16S	OTU19	L*T	Butner	UPRS	Low T	Low T	-0.92035	-1.40674	-0.43395
16S	OTU19	L*T	UPRS	UPRS	High T	Low T	-0.55136	-0.93701	-0.16571
16S	OTU20	L	Butner	UPRS			0.161594	-0.32969	0.652873
16S	OTU20	T			High T	Low T	0.726864	0.316149	1.137579
16S	OTU20	L*T	Butner	Butner	High T	Low T	1.582721	0.924732	2.24071
16S	OTU20	L*T	Butner	UPRS	High T	High T	1.017451	0.440954	1.593948
16S	OTU20	L*T	Butner	UPRS	High T	Low T	0.888458	0.283044	1.493872
16S	OTU20	L*T	Butner	UPRS	Low T	High T	-0.56527	-1.23874	0.108196
16S	OTU20	L*T	Butner	UPRS	Low T	Low T	-0.69426	-1.48776	0.09923

16S	OTU20	L*T	UPRS	UPRS	High T	Low T	-0.12899	-0.74842	0.490438
16S	OTU21	L	Butner	UPRS			0.595246	0.193681	0.99681
16S	OTU21	T			High T	Low T	-0.19404	-0.53257	0.14449
16S	OTU21	L*T	Butner	Butner	High T	Low T	-0.20802	-0.76056	0.344532
16S	OTU21	L*T	Butner	UPRS	High T	High T	0.581269	0.098802	1.063735
16S	OTU21	L*T	Butner	UPRS	High T	Low T	0.401207	-0.08941	0.891826
16S	OTU21	L*T	Butner	UPRS	Low T	High T	0.789284	0.231606	1.346962
16S	OTU21	L*T	Butner	UPRS	Low T	Low T	0.609223	-0.03356	1.252007
16S	OTU21	L*T	UPRS	UPRS	High T	Low T	-0.18006	-0.67739	0.317263
16S	OTU22	L	Butner	UPRS			0.253488	-1.72727	2.234248
16S	OTU22	T			High T	Low T	-0.65043	-2.33208	1.03122
16S	OTU22	L*T	Butner	Butner	High T	Low T	-2.05192	-4.93724	0.833394
16S	OTU22	L*T	Butner	UPRS	High T	High T	-1.148	-3.65745	1.36144
16S	OTU22	L*T	Butner	UPRS	High T	Low T	-0.39694	-2.954	2.160109
16S	OTU22	L*T	Butner	UPRS	Low T	High T	0.90392	-1.73506	3.542897
16S	OTU22	L*T	Butner	UPRS	Low T	Low T	1.65498	-1.50562	4.815577
16S	OTU22	L*T	UPRS	UPRS	High T	Low T	0.75106	-1.65117	3.15329
16S	OTU23	L	Butner	UPRS			0.175683	-0.25441	0.605774
16S	OTU23	T			High T	Low T	-0.36426	-0.73978	0.011262
16S	OTU23	L*T	Butner	Butner	High T	Low T	-0.75059	-1.35765	-0.14352
16S	OTU23	L*T	Butner	UPRS	High T	High T	-0.21064	-0.74549	0.3242
16S	OTU23	L*T	Butner	UPRS	High T	Low T	-0.18858	-0.72825	0.351099
16S	OTU23	L*T	Butner	UPRS	Low T	High T	0.539943	-0.06067	1.140558
16S	OTU23	L*T	Butner	UPRS	Low T	Low T	0.56201	-0.10676	1.230776
16S	OTU23	L*T	UPRS	UPRS	High T	Low T	0.022067	-0.5041	0.548238
16S	OTU24	L	Butner	UPRS			-0.01012	-0.29534	0.27509
16S	OTU24	T			High T	Low T	-0.23008	-0.46551	0.005344
16S	OTU24	L*T	Butner	Butner	High T	Low T	-0.38197	-0.76595	0.002005
16S	OTU24	L*T	Butner	UPRS	High T	High T	-0.16202	-0.50671	0.182677
16S	OTU24	L*T	Butner	UPRS	High T	Low T	-0.24021	-0.59397	0.113554
16S	OTU24	L*T	Butner	UPRS	Low T	High T	0.219959	-0.16527	0.605184
16S	OTU24	L*T	Butner	UPRS	Low T	Low T	0.141767	-0.31343	0.596963
16S	OTU24	L*T	UPRS	UPRS	High T	Low T	-0.07819	-0.43419	0.277806
16S	OTU25	L	Butner	UPRS			2.994735	1.2085	4.780969
16S	OTU25	T			High T	Low T	0.162786	-1.38908	1.714657
16S	OTU25	L*T	Butner	Butner	High T	Low T	1.536668	-1.03913	4.112468
16S	OTU25	L*T	Butner	UPRS	High T	High T	4.368617	2.590368	6.146866
16S	OTU25	L*T	Butner	UPRS	High T	Low T	3.157521	1.225334	5.089708
16S	OTU25	L*T	Butner	UPRS	Low T	High T	2.831949	0.09982	5.564077
16S	OTU25	L*T	Butner	UPRS	Low T	Low T	1.620853	-1.28728	4.52898
16S	OTU25	L*T	UPRS	UPRS	High T	Low T	-1.2111	-3.06041	0.638221

16S	OTU26	L	Butner	UPRS			-0.81935	-1.71426	0.075561
16S	OTU26	T			High T	Low T	0.18204	-0.55642	0.920503
16S	OTU26	L*T	Butner	Butner	High T	Low T	1.428316	0.241023	2.615608
16S	OTU26	L*T	Butner	UPRS	High T	High T	0.426928	-0.63108	1.484937
16S	OTU26	L*T	Butner	UPRS	High T	Low T	-0.63731	-1.74642	0.471805
16S	OTU26	L*T	Butner	UPRS	Low T	High T	-1.00139	-2.21062	0.207847
16S	OTU26	L*T	Butner	UPRS	Low T	Low T	-2.06562	-3.53337	-0.59788
16S	OTU26	L*T	UPRS	UPRS	High T	Low T	-1.06423	-2.22739	0.09892
16S	OTU27	L	Butner	UPRS			-0.39808	-1.51326	0.717099
16S	OTU27	T			High T	Low T	-1.28506	-2.32566	-0.24446
16S	OTU27	L*T	Butner	Butner	High T	Low T	-2.87106	-4.569	-1.17312
16S	OTU27	L*T	Butner	UPRS	High T	High T	-1.98408	-3.32103	-0.64714
16S	OTU27	L*T	Butner	UPRS	High T	Low T	-1.68314	-3.04704	-0.31923
16S	OTU27	L*T	Butner	UPRS	Low T	High T	0.88698	-0.78416	2.55812
16S	OTU27	L*T	Butner	UPRS	Low T	Low T	1.187925	-0.62838	3.004234
16S	OTU27	L*T	UPRS	UPRS	High T	Low T	0.300945	-1.07086	1.672749
16S	OTU28	L	Butner	UPRS			0.00756	-0.40131	0.416429
16S	OTU28	T			High T	Low T	0.085358	-0.26209	0.43281
16S	OTU28	L*T	Butner	Butner	High T	Low T	0.373802	-0.19853	0.946131
16S	OTU28	L*T	Butner	UPRS	High T	High T	0.296004	-0.21449	0.806496
16S	OTU28	L*T	Butner	UPRS	High T	Low T	0.092919	-0.41655	0.602383
16S	OTU28	L*T	Butner	UPRS	Low T	High T	-0.0778	-0.64015	0.484554
16S	OTU28	L*T	Butner	UPRS	Low T	Low T	-0.28088	-0.93809	0.376321
16S	OTU28	L*T	UPRS	UPRS	High T	Low T	-0.20309	-0.72468	0.318505
16S	OTU29	L	Butner	UPRS			-0.37172	-0.69242	-0.05101
16S	OTU29	T			High T	Low T	-0.13976	-0.40838	0.128861
16S	OTU29	L*T	Butner	Butner	High T	Low T	-0.02302	-0.45844	0.4124
16S	OTU29	L*T	Butner	UPRS	High T	High T	-0.25498	-0.63727	0.127312
16S	OTU29	L*T	Butner	UPRS	High T	Low T	-0.51147	-0.9034	-0.11955
16S	OTU29	L*T	Butner	UPRS	Low T	High T	-0.23196	-0.67514	0.211228
16S	OTU29	L*T	Butner	UPRS	Low T	Low T	-0.48845	-0.9953	0.018394
16S	OTU29	L*T	UPRS	UPRS	High T	Low T	-0.25649	-0.64644	0.133447
16S	OTU30	L	Butner	UPRS			-0.25487	-0.60548	0.095745
16S	OTU30	T			High T	Low T	0.04452	-0.25143	0.340468
16S	OTU30	L*T	Butner	Butner	High T	Low T	0.289933	-0.18995	0.769815
16S	OTU30	L*T	Butner	UPRS	High T	High T	-0.00946	-0.44157	0.422657
16S	OTU30	L*T	Butner	UPRS	High T	Low T	-0.21035	-0.64865	0.227949
16S	OTU30	L*T	Butner	UPRS	Low T	High T	-0.29939	-0.77785	0.179072
16S	OTU30	L*T	Butner	UPRS	Low T	Low T	-0.50028	-1.05192	0.051359
16S	OTU30	L*T	UPRS	UPRS	High T	Low T	-0.20089	-0.63684	0.235058
16S	OTU31	L	Butner	UPRS			0.470895	-1.26715	2.208938

16S	OTU31	T			High T	Low T	0.364243	-1.05913	1.787618
16S	OTU31	L*T	Butner	Butner	High T	Low T	1.29794	-1.12189	3.717768
16S	OTU31	L*T	Butner	UPRS	High T	High T	1.404593	-0.58442	3.393604
16S	OTU31	L*T	Butner	UPRS	High T	Low T	0.835138	-1.23265	2.902926
16S	OTU31	L*T	Butner	UPRS	Low T	High T	0.106652	-2.30536	2.518669
16S	OTU31	L*T	Butner	UPRS	Low T	Low T	-0.4628	-3.41513	2.489531
16S	OTU31	L*T	UPRS	UPRS	High T	Low T	-0.56945	-2.76656	1.627653
16S	OTU32	L	Butner	UPRS			-0.13764	-0.58288	0.307599
16S	OTU32	T			High T	Low T	0.042631	-0.3293	0.414567
16S	OTU32	L*T	Butner	Butner	High T	Low T	0.365279	-0.23176	0.962317
16S	OTU32	L*T	Butner	UPRS	High T	High T	0.185009	-0.34183	0.711844
16S	OTU32	L*T	Butner	UPRS	High T	Low T	-0.09501	-0.63714	0.44713
16S	OTU32	L*T	Butner	UPRS	Low T	High T	-0.18027	-0.79609	0.435548
16S	OTU32	L*T	Butner	UPRS	Low T	Low T	-0.46029	-1.16383	0.243255
16S	OTU32	L*T	UPRS	UPRS	High T	Low T	-0.28002	-0.82432	0.264292
16S	OTU33	L	Butner	UPRS			-0.46158	-0.85098	-0.07218
16S	OTU33	T			High T	Low T	0.075955	-0.25296	0.404871
16S	OTU33	L*T	Butner	Butner	High T	Low T	0.443623	-0.10068	0.987929
16S	OTU33	L*T	Butner	UPRS	High T	High T	-0.09391	-0.5778	0.38998
16S	OTU33	L*T	Butner	UPRS	High T	Low T	-0.38562	-0.87207	0.100821
16S	OTU33	L*T	Butner	UPRS	Low T	High T	-0.53753	-1.06951	-0.00556
16S	OTU33	L*T	Butner	UPRS	Low T	Low T	-0.82925	-1.45446	-0.20404
16S	OTU33	L*T	UPRS	UPRS	High T	Low T	-0.29171	-0.78353	0.200101
16S	OTU34	L	Butner	UPRS			-0.26659	-0.69393	0.160754
16S	OTU34	T			High T	Low T	0.098709	-0.2559	0.453321
16S	OTU34	L*T	Butner	Butner	High T	Low T	-0.2538	-0.8428	0.33519
16S	OTU34	L*T	Butner	UPRS	High T	High T	-0.6191	-1.13068	-0.10752
16S	OTU34	L*T	Butner	UPRS	High T	Low T	-0.16788	-0.69153	0.355775
16S	OTU34	L*T	Butner	UPRS	Low T	High T	-0.3653	-0.95055	0.219963
16S	OTU34	L*T	Butner	UPRS	Low T	Low T	0.085926	-0.60104	0.772897
16S	OTU34	L*T	UPRS	UPRS	High T	Low T	0.451222	-0.07126	0.9737
16S	OTU35	L	Butner	UPRS			-0.07018	-0.42131	0.280949
16S	OTU35	T			High T	Low T	-0.00724	-0.30227	0.287786
16S	OTU35	L*T	Butner	Butner	High T	Low T	0.028976	-0.45768	0.515634
16S	OTU35	L*T	Butner	UPRS	High T	High T	-0.03396	-0.45914	0.391224
16S	OTU35	L*T	Butner	UPRS	High T	Low T	-0.07742	-0.50766	0.352812
16S	OTU35	L*T	Butner	UPRS	Low T	High T	-0.06293	-0.54828	0.422415
16S	OTU35	L*T	Butner	UPRS	Low T	Low T	-0.1064	-0.67272	0.459927
16S	OTU35	L*T	UPRS	UPRS	High T	Low T	-0.04346	-0.48184	0.39491
16S	OTU36	L	Butner	UPRS			4.754671	3.128714	6.380629
16S	OTU36	T			High T	Low T	0.33761	-1.12145	1.79667

16S	OTU36	L*T	Butner	Butner	High T	Low T	-0.81066	-3.49967	1.878346
16S	OTU36	L*T	Butner	UPRS	High T	High T	3.6064	1.38034	5.832461
16S	OTU36	L*T	Butner	UPRS	High T	Low T	5.092282	3.037656	7.146907
16S	OTU36	L*T	Butner	UPRS	Low T	High T	4.417061	2.109747	6.724375
16S	OTU36	L*T	Butner	UPRS	Low T	Low T	5.902942	3.069585	8.736299
16S	OTU36	L*T	UPRS	UPRS	High T	Low T	1.485881	-0.6873	3.659067
16S	OTU37	L	Butner	UPRS			0.102183	-0.27002	0.474388
16S	OTU37	T			High T	Low T	-0.05373	-0.37353	0.266079
16S	OTU37	L*T	Butner	Butner	High T	Low T	-0.30054	-0.81227	0.211192
16S	OTU37	L*T	Butner	UPRS	High T	High T	-0.14463	-0.60723	0.317973
16S	OTU37	L*T	Butner	UPRS	High T	Low T	0.048456	-0.41727	0.514187
16S	OTU37	L*T	Butner	UPRS	Low T	High T	0.15591	-0.3586	0.670419
16S	OTU37	L*T	Butner	UPRS	Low T	Low T	0.348994	-0.23258	0.930571
16S	OTU37	L*T	UPRS	UPRS	High T	Low T	0.193084	-0.27365	0.659819
16S	OTU38	L	Butner	UPRS			0.122596	-0.68778	0.932973
16S	OTU38	T			High T	Low T	0.852965	0.14892	1.55701
16S	OTU38	L*T	Butner	Butner	High T	Low T	2.050018	0.892303	3.207733
16S	OTU38	L*T	Butner	UPRS	High T	High T	1.319649	0.362024	2.277274
16S	OTU38	L*T	Butner	UPRS	High T	Low T	0.975561	-0.00336	1.954485
16S	OTU38	L*T	Butner	UPRS	Low T	High T	-0.73037	-1.89075	0.430013
16S	OTU38	L*T	Butner	UPRS	Low T	Low T	-1.07446	-2.43185	0.282935
16S	OTU38	L*T	UPRS	UPRS	High T	Low T	-0.34409	-1.39156	0.70338
16S	OTU39	L	Butner	UPRS			0.221751	-0.48897	0.932469
16S	OTU39	T			High T	Low T	0.315438	-0.27997	0.910845
16S	OTU39	L*T	Butner	Butner	High T	Low T	0.809539	-0.17231	1.791384
16S	OTU39	L*T	Butner	UPRS	High T	High T	0.715852	-0.15155	1.583256
16S	OTU39	L*T	Butner	UPRS	High T	Low T	0.537189	-0.34708	1.421458
16S	OTU39	L*T	Butner	UPRS	Low T	High T	-0.09369	-1.06184	0.87447
16S	OTU39	L*T	Butner	UPRS	Low T	Low T	-0.27235	-1.40846	0.863764
16S	OTU39	L*T	UPRS	UPRS	High T	Low T	-0.17866	-1.06065	0.703325
16S	OTU40	L	Butner	UPRS			-0.23812	-0.80838	0.33214
16S	OTU40	T			High T	Low T	-0.27788	-0.75774	0.201987
16S	OTU40	L*T	Butner	Butner	High T	Low T	-0.36635	-1.16477	0.432061
16S	OTU40	L*T	Butner	UPRS	High T	High T	-0.3266	-1.04598	0.392793
16S	OTU40	L*T	Butner	UPRS	High T	Low T	-0.516	-1.23134	0.199336
16S	OTU40	L*T	Butner	UPRS	Low T	High T	0.039757	-0.73434	0.813859
16S	OTU40	L*T	Butner	UPRS	Low T	Low T	-0.14965	-1.07709	0.777794
16S	OTU40	L*T	UPRS	UPRS	High T	Low T	-0.18941	-0.93126	0.552451
16S	OTU41	L	Butner	UPRS			-0.12949	-0.47685	0.217872
16S	OTU41	T			High T	Low T	-0.21854	-0.51294	0.075846
16S	OTU41	L*T	Butner	Butner	High T	Low T	0.005673	-0.47447	0.485818



16S	OTU41	L*T	Butner	UPRS	High T	High T	0.09473	-0.32313	0.512592
16S	OTU41	L*T	Butner	UPRS	High T	Low T	-0.34803	-0.77132	0.075255
16S	OTU41	L*T	Butner	UPRS	Low T	High T	0.089057	-0.3962	0.574317
16S	OTU41	L*T	Butner	UPRS	Low T	Low T	-0.35371	-0.90726	0.199853
16S	OTU41	L*T	UPRS	UPRS	High T	Low T	-0.44276	-0.86998	-0.01555
16S	OTU42	L	Butner	UPRS			-0.01477	-0.53537	0.505824
16S	OTU42	T			High T	Low T	-0.068	-0.50403	0.368028
16S	OTU42	L*T	Butner	Butner	High T	Low T	0.377817	-0.33209	1.087725
16S	OTU42	L*T	Butner	UPRS	High T	High T	0.431048	-0.17155	1.033649
16S	OTU42	L*T	Butner	UPRS	High T	Low T	-0.08277	-0.70667	0.541119
16S	OTU42	L*T	Butner	UPRS	Low T	High T	0.053231	-0.67687	0.783327
16S	OTU42	L*T	Butner	UPRS	Low T	Low T	-0.46059	-1.30026	0.379075
16S	OTU42	L*T	UPRS	UPRS	High T	Low T	-0.51382	-1.14818	0.120532
16S	OTU43	L	Butner	UPRS			-1.0559	-1.54901	-0.5628
16S	OTU43	T			High T	Low T	0.241024	-0.17604	0.658088
16S	OTU43	L*T	Butner	Butner	High T	Low T	0.672524	-0.00683	1.351882
16S	OTU43	L*T	Butner	UPRS	High T	High T	-0.6244	-1.23996	-0.00885
16S	OTU43	L*T	Butner	UPRS	High T	Low T	-0.81488	-1.4322	-0.19755
16S	OTU43	L*T	Butner	UPRS	Low T	High T	-1.29693	-1.97005	-0.6238
16S	OTU43	L*T	Butner	UPRS	Low T	Low T	-1.4874	-2.27332	-0.70149
16S	OTU43	L*T	UPRS	UPRS	High T	Low T	-0.19048	-0.82025	0.439303
16S	OTU44	L	Butner	UPRS			0.224226	-0.22064	0.669089
16S	OTU44	T			High T	Low T	0.118095	-0.25043	0.486618
16S	OTU44	L*T	Butner	Butner	High T	Low T	0.420422	-0.19212	1.03296
16S	OTU44	L*T	Butner	UPRS	High T	High T	0.526552	0.002373	1.050732
16S	OTU44	L*T	Butner	UPRS	High T	Low T	0.342321	-0.19819	0.882834
16S	OTU44	L*T	Butner	UPRS	Low T	High T	0.106131	-0.50646	0.718725
16S	OTU44	L*T	Butner	UPRS	Low T	Low T	-0.0781	-0.80835	0.652145
16S	OTU44	L*T	UPRS	UPRS	High T	Low T	-0.18423	-0.73978	0.371316
16S	OTU45	L	Butner	UPRS			-1.25485	-2.05785	-0.45186
16S	OTU45	T			High T	Low T	0.186839	-0.48396	0.857641
16S	OTU45	L*T	Butner	Butner	High T	Low T	1.394643	0.313573	2.475714
16S	OTU45	L*T	Butner	UPRS	High T	High T	-0.04705	-0.96338	0.869282
16S	OTU45	L*T	Butner	UPRS	High T	Low T	-1.06801	-2.03665	-0.09938
16S	OTU45	L*T	Butner	UPRS	Low T	High T	-1.44169	-2.56031	-0.32308
16S	OTU45	L*T	Butner	UPRS	Low T	Low T	-2.46266	-3.76001	-1.1653
16S	OTU45	L*T	UPRS	UPRS	High T	Low T	-1.02097	-2.00301	-0.03892
16S	OTU46	L	Butner	UPRS			-0.0598	-0.955	0.835407
16S	OTU46	T			High T	Low T	-0.40845	-1.18701	0.370114
16S	OTU46	L*T	Butner	Butner	High T	Low T	-0.21946	-1.54488	1.105969
16S	OTU46	L*T	Butner	UPRS	High T	High T	0.129195	-1.01222	1.270612

16S	OTU46	L*T	Butner	UPRS	High T	Low T	-0.46824	-1.56865	0.632165
16S	OTU46	L*T	Butner	UPRS	Low T	High T	0.348651	-0.91792	1.615218
16S	OTU46	L*T	Butner	UPRS	Low T	Low T	-0.24879	-1.73764	1.240071
16S	OTU46	L*T	UPRS	UPRS	High T	Low T	-0.59744	-1.76889	0.574021
16S	OTU47	L	Butner	UPRS			-0.57753	-1.04169	-0.11336
16S	OTU47	T			High T	Low T	-0.10235	-0.48798	0.283273
16S	OTU47	L*T	Butner	Butner	High T	Low T	-0.08119	-0.71739	0.555009
16S	OTU47	L*T	Butner	UPRS	High T	High T	-0.55636	-1.11056	-0.00217
16S	OTU47	L*T	Butner	UPRS	High T	Low T	-0.67988	-1.24977	-0.10999
16S	OTU47	L*T	Butner	UPRS	Low T	High T	-0.47517	-1.11042	0.160071
16S	OTU47	L*T	Butner	UPRS	Low T	Low T	-0.59869	-1.35667	0.159285
16S	OTU47	L*T	UPRS	UPRS	High T	Low T	-0.12352	-0.70955	0.462514
16S	OTU48	L	Butner	UPRS			-0.67848	-1.22562	-0.13134
16S	OTU48	T			High T	Low T	-0.18753	-0.64511	0.270056
16S	OTU48	L*T	Butner	Butner	High T	Low T	-0.13133	-0.8867	0.624045
16S	OTU48	L*T	Butner	UPRS	High T	High T	-0.62228	-1.32144	0.076872
16S	OTU48	L*T	Butner	UPRS	High T	Low T	-0.86601	-1.56579	-0.16623
16S	OTU48	L*T	Butner	UPRS	Low T	High T	-0.49096	-1.21746	0.23554
16S	OTU48	L*T	Butner	UPRS	Low T	Low T	-0.73468	-1.60043	0.131067
16S	OTU48	L*T	UPRS	UPRS	High T	Low T	-0.24372	-0.94214	0.454694
16S	OTU49	L	Butner	UPRS			0.284516	-0.28964	0.858668
16S	OTU49	T			High T	Low T	-0.02318	-0.52838	0.482018
16S	OTU49	L*T	Butner	Butner	High T	Low T	-0.16168	-0.98423	0.660882
16S	OTU49	L*T	Butner	UPRS	High T	High T	0.146023	-0.55938	0.851423
16S	OTU49	L*T	Butner	UPRS	High T	Low T	0.261333	-0.45502	0.97769
16S	OTU49	L*T	Butner	UPRS	Low T	High T	0.307698	-0.5026	1.118
16S	OTU49	L*T	Butner	UPRS	Low T	Low T	0.423008	-0.47965	1.325664
16S	OTU49	L*T	UPRS	UPRS	High T	Low T	0.115309	-0.58249	0.813113
16S	OTU50	L	Butner	UPRS			-0.7513	-1.19069	-0.31191
16S	OTU50	T			High T	Low T	-0.05685	-0.42867	0.314972
16S	OTU50	L*T	Butner	Butner	High T	Low T	0.291026	-0.30972	0.891776
16S	OTU50	L*T	Butner	UPRS	High T	High T	-0.40342	-0.94136	0.134512
16S	OTU50	L*T	Butner	UPRS	High T	Low T	-0.80815	-1.35484	-0.26146
16S	OTU50	L*T	Butner	UPRS	Low T	High T	-0.69445	-1.29757	-0.09133
16S	OTU50	L*T	Butner	UPRS	Low T	Low T	-1.09917	-1.78938	-0.40896
16S	OTU50	L*T	UPRS	UPRS	High T	Low T	-0.40472	-0.94809	0.138642
ITS	OTU01	L	Butner	UPRS			3.190268	2.21687	4.163666
ITS	OTU01	T			High T	Low T	1.614199	0.70683	2.521568
ITS	OTU01	L*T	Butner	Butner	High T	Low T	2.294758	0.794255	3.795261
ITS	OTU01	L*T	Butner	UPRS	High T	High T	3.870827	2.515106	5.226547
ITS	OTU01	L*T	Butner	UPRS	High T	Low T	4.804467	3.487353	6.121581

ITS	OTU01	L*T	Butner	UPRS	Low T	High T	1.576069	0.231876	2.920262
ITS	OTU01	L*T	Butner	UPRS	Low T	Low T	2.509709	1.025067	3.994351
ITS	OTU01	L*T	UPRS	UPRS	High T	Low T	0.93364	-0.30824	2.175519
ITS	OTU02	L	Butner	UPRS			0.721124	-1.742	3.184249
ITS	OTU02	T			High T	Low T	-8.32526	-10.336	-6.31454
ITS	OTU02	L*T	Butner	Butner	High T	Low T	-9.76246	-12.6781	-6.8468
ITS	OTU02	L*T	Butner	UPRS	High T	High T	-0.71608	-3.86856	2.436411
ITS	OTU02	L*T	Butner	UPRS	High T	Low T	-7.60414	-10.9713	-4.23696
ITS	OTU02	L*T	Butner	UPRS	Low T	High T	9.046387	6.06611	12.02666
ITS	OTU02	L*T	Butner	UPRS	Low T	Low T	2.158324	-1.27239	5.589036
ITS	OTU02	L*T	UPRS	UPRS	High T	Low T	-6.88806	-9.91443	-3.8617
ITS	OTU03	L	Butner	UPRS			-3.33972	-5.88155	-0.7979
ITS	OTU03	T			High T	Low T	-4.99372	-7.11481	-2.87263
ITS	OTU03	L*T	Butner	Butner	High T	Low T	-2.51384	-5.97635	0.948671
ITS	OTU03	L*T	Butner	UPRS	High T	High T	-0.85985	-4.11629	2.396602
ITS	OTU03	L*T	Butner	UPRS	High T	Low T	-8.33344	-12.2044	-4.46252
ITS	OTU03	L*T	Butner	UPRS	Low T	High T	1.653993	-0.97959	4.287574
ITS	OTU03	L*T	Butner	UPRS	Low T	Low T	-5.8196	-9.99468	-1.64453
ITS	OTU03	L*T	UPRS	UPRS	High T	Low T	-7.4736	-10.9554	-3.99178
ITS	OTU04	L	Butner	UPRS			-1.75061	-3.12578	-0.37544
ITS	OTU04	T			High T	Low T	6.245067	4.926054	7.564079
ITS	OTU04	L*T	Butner	Butner	High T	Low T	2.249703	-0.02545	4.524854
ITS	OTU04	L*T	Butner	UPRS	High T	High T	-5.74598	-7.65838	-3.83358
ITS	OTU04	L*T	Butner	UPRS	High T	Low T	4.494453	2.536418	6.452489
ITS	OTU04	L*T	Butner	UPRS	Low T	High T	-7.99568	-9.84713	-6.14423
ITS	OTU04	L*T	Butner	UPRS	Low T	Low T	2.244751	-0.10602	4.595518
ITS	OTU04	L*T	UPRS	UPRS	High T	Low T	10.24043	8.315728	12.16513
ITS	OTU05	L	Butner	UPRS			6.239988	5.013925	7.466052
ITS	OTU05	T			High T	Low T	3.960179	2.862428	5.05793
ITS	OTU05	L*T	Butner	Butner	High T	Low T	2.048806	0.354474	3.743139
ITS	OTU05	L*T	Butner	UPRS	High T	High T	4.328615	2.939434	5.717796
ITS	OTU05	L*T	Butner	UPRS	High T	Low T	10.20017	8.372299	12.02804
ITS	OTU05	L*T	Butner	UPRS	Low T	High T	2.279809	0.839158	3.72046
ITS	OTU05	L*T	Butner	UPRS	Low T	Low T	8.151361	5.960885	10.34184
ITS	OTU05	L*T	UPRS	UPRS	High T	Low T	5.871552	4.065756	7.677348
ITS	OTU06	L	Butner	UPRS			1.685441	0.530784	2.840098
ITS	OTU06	T			High T	Low T	6.252885	5.188097	7.317673
ITS	OTU06	L*T	Butner	Butner	High T	Low T	2.463677	0.844516	4.082837
ITS	OTU06	L*T	Butner	UPRS	High T	High T	-2.10377	-3.42281	-0.78472
ITS	OTU06	L*T	Butner	UPRS	High T	Low T	7.938326	6.197595	9.679058
ITS	OTU06	L*T	Butner	UPRS	Low T	High T	-4.56744	-5.94725	-3.18764

ITS	OTU06	L*T	Butner	UPRS	Low T	Low T	5.47465	3.385467	7.563833
ITS	OTU06	L*T	UPRS	UPRS	High T	Low T	10.04209	8.28597	11.79822
ITS	OTU07	L	Butner	UPRS			-8.39264	-10.9998	-5.78543
ITS	OTU07	T			High T	Low T	-1.28569	-3.46778	0.896395
ITS	OTU07	L*T	Butner	Butner	High T	Low T	-0.35017	-4.02308	3.322753
ITS	OTU07	L*T	Butner	UPRS	High T	High T	-7.45712	-10.4832	-4.43104
ITS	OTU07	L*T	Butner	UPRS	High T	Low T	-9.67833	-12.7766	-6.58006
ITS	OTU07	L*T	Butner	UPRS	Low T	High T	-7.10695	-10.7837	-3.43016
ITS	OTU07	L*T	Butner	UPRS	Low T	Low T	-9.32816	-13.4499	-5.2064
ITS	OTU07	L*T	UPRS	UPRS	High T	Low T	-2.22122	-5.15101	0.708577
ITS	OTU08	L	Butner	UPRS			-4.57146	-7.53106	-1.61187
ITS	OTU08	T			High T	Low T	1.388788	-1.48384	4.261414
ITS	OTU08	L*T	Butner	Butner	High T	Low T	-5.1964	-9.72607	-0.66674
ITS	OTU08	L*T	Butner	UPRS	High T	High T	-11.1567	-14.8163	-7.49704
ITS	OTU08	L*T	Butner	UPRS	High T	Low T	-3.18267	-7.00475	0.639396
ITS	OTU08	L*T	Butner	UPRS	Low T	High T	-5.96025	-10.3664	-1.5541
ITS	OTU08	L*T	Butner	UPRS	Low T	Low T	2.013729	-2.0123	6.039756
ITS	OTU08	L*T	UPRS	UPRS	High T	Low T	7.97398	5.133324	10.81464
ITS	OTU10	L	Butner	UPRS			1.835527	-0.14361	3.814665
ITS	OTU10	T			High T	Low T	-2.74004	-4.38055	-1.09952
ITS	OTU10	L*T	Butner	Butner	High T	Low T	-5.13398	-8.03758	-2.23038
ITS	OTU10	L*T	Butner	UPRS	High T	High T	-0.55841	-2.93533	1.818501
ITS	OTU10	L*T	Butner	UPRS	High T	Low T	-0.90451	-3.39765	1.588625
ITS	OTU10	L*T	Butner	UPRS	Low T	High T	4.575565	1.929657	7.221474
ITS	OTU10	L*T	Butner	UPRS	Low T	Low T	4.229469	1.024188	7.43475
ITS	OTU10	L*T	UPRS	UPRS	High T	Low T	-0.3461	-2.59138	1.899183
ITS	OTU11	L	Butner	UPRS			-2.18017	-6.55924	2.198904
ITS	OTU11	T			High T	Low T	0.489002	-1.68644	2.664445
ITS	OTU11	L*T	Butner	Butner	High T	Low T	2.944639	-1.63294	7.522221
ITS	OTU11	L*T	Butner	UPRS	High T	High T	0.275467	-2.91734	3.468272
ITS	OTU11	L*T	Butner	UPRS	High T	Low T	-1.69117	-6.77698	3.394641
ITS	OTU11	L*T	Butner	UPRS	Low T	High T	-2.66917	-7.35449	2.016148
ITS	OTU11	L*T	Butner	UPRS	Low T	Low T	-4.63581	-12.6185	3.346893
ITS	OTU11	L*T	UPRS	UPRS	High T	Low T	-1.96663	-6.87334	2.940072
ITS	OTU12	L	Butner	UPRS			4.927888	3.761621	6.094156
ITS	OTU12	T			High T	Low T	4.013558	2.953139	5.073977
ITS	OTU12	L*T	Butner	Butner	High T	Low T	1.619959	-0.14078	3.380698
ITS	OTU12	L*T	Butner	UPRS	High T	High T	2.53429	1.031304	4.037275
ITS	OTU12	L*T	Butner	UPRS	High T	Low T	8.941447	7.213818	10.66907
ITS	OTU12	L*T	Butner	UPRS	Low T	High T	0.91433	-0.49444	2.323102
ITS	OTU12	L*T	Butner	UPRS	Low T	Low T	7.321487	5.195991	9.446983

ITS	OTU12	L*T	UPRS	UPRS	High T	Low T	6.407157	4.616873	8.19744
ITS	OTU13	L	Butner	UPRS			0.064204	-2.69337	2.821782
ITS	OTU13	T			High T	Low T	-2.29367	-4.13829	-0.44904
ITS	OTU13	L*T	Butner	Butner	High T	Low T	-4.59215	-8.18131	-1.00298
ITS	OTU13	L*T	Butner	UPRS	High T	High T	-2.23428	-5.13946	0.670903
ITS	OTU13	L*T	Butner	UPRS	High T	Low T	-2.22946	-5.51933	1.060404
ITS	OTU13	L*T	Butner	UPRS	Low T	High T	2.357869	-0.98736	5.703094
ITS	OTU13	L*T	Butner	UPRS	Low T	Low T	2.362684	-2.41749	7.14286
ITS	OTU13	L*T	UPRS	UPRS	High T	Low T	0.004815	-3.15823	3.167861
ITS	OTU14	L	Butner	UPRS			2.753611	0.67508	4.832143
ITS	OTU14	T			High T	Low T	3.140794	1.174715	5.106872
ITS	OTU14	L*T	Butner	Butner	High T	Low T	2.519926	-0.67407	5.713918
ITS	OTU14	L*T	Butner	UPRS	High T	High T	2.132743	-0.60988	4.875366
ITS	OTU14	L*T	Butner	UPRS	High T	Low T	5.894405	3.130734	8.658077
ITS	OTU14	L*T	Butner	UPRS	Low T	High T	-0.38718	-3.34246	2.568091
ITS	OTU14	L*T	Butner	UPRS	Low T	Low T	3.37448	-0.21847	6.96743
ITS	OTU14	L*T	UPRS	UPRS	High T	Low T	3.761662	0.70879	6.814534
ITS	OTU15	L	Butner	UPRS			-1.43835	-4.25707	1.380381
ITS	OTU15	T			High T	Low T	-2.27875	-4.9116	0.354097
ITS	OTU15	L*T	Butner	Butner	High T	Low T	4.204429	-0.09988	8.508733
ITS	OTU15	L*T	Butner	UPRS	High T	High T	5.044834	1.196281	8.893388
ITS	OTU15	L*T	Butner	UPRS	High T	Low T	-3.7171	-7.1617	-0.27249
ITS	OTU15	L*T	Butner	UPRS	Low T	High T	0.840405	-3.38912	5.069935
ITS	OTU15	L*T	Butner	UPRS	Low T	Low T	-7.92152	-12.081	-3.76207
ITS	OTU15	L*T	UPRS	UPRS	High T	Low T	-8.76193	-12.1617	-5.36212
ITS	OTU16	L	Butner	UPRS			-0.01016	-1.75645	1.736141
ITS	OTU16	T			High T	Low T	-2.15953	-3.56064	-0.75842
ITS	OTU16	L*T	Butner	Butner	High T	Low T	-5.57835	-7.83498	-3.32171
ITS	OTU16	L*T	Butner	UPRS	High T	High T	-3.42897	-5.77198	-1.08596
ITS	OTU16	L*T	Butner	UPRS	High T	Low T	-2.16969	-4.51506	0.175687
ITS	OTU16	L*T	Butner	UPRS	Low T	High T	2.149375	0.022277	4.276474
ITS	OTU16	L*T	Butner	UPRS	Low T	Low T	3.408661	1.025288	5.792033
ITS	OTU16	L*T	UPRS	UPRS	High T	Low T	1.259285	-0.71679	3.235356
ITS	OTU17	L	Butner	UPRS			-4.41321	-6.76183	-2.0646
ITS	OTU17	T			High T	Low T	-4.2323	-6.00139	-2.46322
ITS	OTU17	L*T	Butner	Butner	High T	Low T	-1.31257	-4.46854	1.843409
ITS	OTU17	L*T	Butner	UPRS	High T	High T	-1.49348	-4.37045	1.383493
ITS	OTU17	L*T	Butner	UPRS	High T	Low T	-8.64552	-11.5737	-5.71733
ITS	OTU17	L*T	Butner	UPRS	Low T	High T	-0.18091	-3.13337	2.771549
ITS	OTU17	L*T	Butner	UPRS	Low T	Low T	-7.33295	-11.2567	-3.40925
ITS	OTU17	L*T	UPRS	UPRS	High T	Low T	-7.15204	-10.142	-4.16212

ITS	OTU19	L	Butner	UPRS			-0.49093	-2.92441	1.942545
ITS	OTU19	T			High T	Low T	0.488771	-1.60468	2.58222
ITS	OTU19	L*T	Butner	Butner	High T	Low T	0.48697	-3.39444	4.368375
ITS	OTU19	L*T	Butner	UPRS	High T	High T	-0.49273	-3.43174	2.446269
ITS	OTU19	L*T	Butner	UPRS	High T	Low T	-0.00216	-2.85536	2.851037
ITS	OTU19	L*T	Butner	UPRS	Low T	High T	-0.9797	-4.5107	2.551293
ITS	OTU19	L*T	Butner	UPRS	Low T	Low T	-0.48913	-4.82111	3.842845
ITS	OTU19	L*T	UPRS	UPRS	High T	Low T	0.490572	-2.55243	3.533578
ITS	OTU20	L	Butner	UPRS			-0.11518	-4.36276	4.132398
ITS	OTU20	T			High T	Low T	7.656436	3.371684	11.94119
ITS	OTU20	L*T	Butner	Butner	High T	Low T	9.422291	-0.44257	19.28715
ITS	OTU20	L*T	Butner	UPRS	High T	High T	1.650676	-6.23061	9.531957
ITS	OTU20	L*T	Butner	UPRS	High T	Low T	7.541256	2.440694	12.64182
ITS	OTU20	L*T	Butner	UPRS	Low T	High T	-7.77161	-14.6117	-0.93156
ITS	OTU20	L*T	Butner	UPRS	Low T	Low T	-1.88103	-11.0961	7.334004
ITS	OTU20	L*T	UPRS	UPRS	High T	Low T	5.890581	-1.20522	12.98638
ITS	OTU21	L	Butner	UPRS			3.356127	-1.07985	7.792104
ITS	OTU21	T			High T	Low T	-4.19734	-10.337	1.942278
ITS	OTU21	L*T	Butner	Butner	High T	Low T	-9.51924	-21.8529	2.814426
ITS	OTU21	L*T	Butner	UPRS	High T	High T	-1.96577	-8.38614	4.454587
ITS	OTU21	L*T	Butner	UPRS	High T	Low T	-0.84122	-6.60062	4.918188
ITS	OTU21	L*T	Butner	UPRS	Low T	High T	7.553469	-1.47842	16.58535
ITS	OTU21	L*T	Butner	UPRS	Low T	Low T	8.678028	-1.28618	18.64223
ITS	OTU21	L*T	UPRS	UPRS	High T	Low T	1.124559	-3.81721	6.066326
ITS	OTU22	L	Butner	UPRS			1.914468	-0.27924	4.108176
ITS	OTU22	T			High T	Low T	2.39206	0.472757	4.311363
ITS	OTU22	L*T	Butner	Butner	High T	Low T	2.000524	-0.86581	4.866859
ITS	OTU22	L*T	Butner	UPRS	High T	High T	1.522932	-1.14778	4.193641
ITS	OTU22	L*T	Butner	UPRS	High T	Low T	4.306529	1.227161	7.385896
ITS	OTU22	L*T	Butner	UPRS	Low T	High T	-0.47759	-3.21797	2.262782
ITS	OTU22	L*T	Butner	UPRS	Low T	Low T	2.306005	-1.51122	6.123228
ITS	OTU22	L*T	UPRS	UPRS	High T	Low T	2.783597	-0.56763	6.134827
ITS	OTU24	L	Butner	UPRS			2.428219	-0.42562	5.282057
ITS	OTU24	T			High T	Low T	-1.94012	-3.57703	-0.30321
ITS	OTU24	L*T	Butner	Butner	High T	Low T	-3.16584	-6.5054	0.173711
ITS	OTU24	L*T	Butner	UPRS	High T	High T	1.2025	-1.43301	3.838007
ITS	OTU24	L*T	Butner	UPRS	High T	Low T	0.488095	-2.89978	3.875966
ITS	OTU24	L*T	Butner	UPRS	Low T	High T	4.368342	1.179286	7.557398
ITS	OTU24	L*T	Butner	UPRS	Low T	Low T	3.653937	-1.278	8.585877
ITS	OTU24	L*T	UPRS	UPRS	High T	Low T	-0.71441	-3.74549	2.31668
ITS	OTU25	L	Butner	UPRS			2.773539	1.679278	3.867799

ITS	OTU25	T			High T	Low T	0.907391	-0.08462	1.899402
ITS	OTU25	L*T	Butner	Butner	High T	Low T	0.946913	-0.7276	2.621425
ITS	OTU25	L*T	Butner	UPRS	High T	High T	2.813061	1.305373	4.320749
ITS	OTU25	L*T	Butner	UPRS	High T	Low T	3.680929	2.205634	5.156225
ITS	OTU25	L*T	Butner	UPRS	Low T	High T	1.866148	0.387471	3.344825
ITS	OTU25	L*T	Butner	UPRS	Low T	Low T	2.734016	0.968074	4.499958
ITS	OTU25	L*T	UPRS	UPRS	High T	Low T	0.867868	-0.60218	2.337918
ITS	OTU26	L	Butner	UPRS			2.422079	1.19623	3.647928
ITS	OTU26	T			High T	Low T	1.660009	0.563667	2.756351
ITS	OTU26	L*T	Butner	Butner	High T	Low T	1.521485	-0.17799	3.220958
ITS	OTU26	L*T	Butner	UPRS	High T	High T	2.283555	0.561402	4.005709
ITS	OTU26	L*T	Butner	UPRS	High T	Low T	4.082088	2.391451	5.772725
ITS	OTU26	L*T	Butner	UPRS	Low T	High T	0.76207	-0.83514	2.359284
ITS	OTU26	L*T	Butner	UPRS	Low T	Low T	2.560603	0.688232	4.432974
ITS	OTU26	L*T	UPRS	UPRS	High T	Low T	1.798533	0.071715	3.525351
ITS	OTU27	L	Butner	UPRS			-1.63414	-3.16342	-0.10487
ITS	OTU27	T			High T	Low T	2.643318	1.316042	3.970594
ITS	OTU27	L*T	Butner	Butner	High T	Low T	0.534329	-1.68549	2.754153
ITS	OTU27	L*T	Butner	UPRS	High T	High T	-3.74313	-5.64751	-1.83875
ITS	OTU27	L*T	Butner	UPRS	High T	Low T	1.009175	-0.98701	3.005356
ITS	OTU27	L*T	Butner	UPRS	Low T	High T	-4.27746	-6.33074	-2.22418
ITS	OTU27	L*T	Butner	UPRS	Low T	Low T	0.474846	-2.07752	3.027216
ITS	OTU27	L*T	UPRS	UPRS	High T	Low T	4.752307	2.737463	6.76715
ITS	OTU31	L	Butner	UPRS			0.358207	-1.00641	1.722828
ITS	OTU31	T			High T	Low T	1.573575	0.37325	2.7739
ITS	OTU31	L*T	Butner	Butner	High T	Low T	2.013661	0.16418	3.863142
ITS	OTU31	L*T	Butner	UPRS	High T	High T	0.798293	-0.85141	2.447995
ITS	OTU31	L*T	Butner	UPRS	High T	Low T	1.931781	0.175402	3.68816
ITS	OTU31	L*T	Butner	UPRS	Low T	High T	-1.21537	-3.09182	0.661085
ITS	OTU31	L*T	Butner	UPRS	Low T	Low T	-0.08188	-2.16037	1.996615
ITS	OTU31	L*T	UPRS	UPRS	High T	Low T	1.133489	-0.53332	2.800298
ITS	OTU34	L	Butner	UPRS			4.744189	2.457091	7.031286
ITS	OTU34	T			High T	Low T	-0.04225	-1.80247	1.717974
ITS	OTU34	L*T	Butner	Butner	High T	Low T	0.965479	-1.72313	3.654087
ITS	OTU34	L*T	Butner	UPRS	High T	High T	5.751913	3.184043	8.319784
ITS	OTU34	L*T	Butner	UPRS	High T	Low T	4.701943	1.654345	7.749541
ITS	OTU34	L*T	Butner	UPRS	Low T	High T	4.786434	2.071563	7.501305
ITS	OTU34	L*T	Butner	UPRS	Low T	Low T	3.736464	-0.09492	7.56785
ITS	OTU34	L*T	UPRS	UPRS	High T	Low T	-1.04997	-4.17727	2.077326
ITS	OTU36	L	Butner	UPRS			0.042844	-8.32204	8.407731
ITS	OTU36	T			High T	Low T	3.873232	-1.29265	9.039115

ITS	OTU36	L*T	Butner	Butner	High T	Low T	4.229728	-8.17034	16.62979
ITS	OTU36	L*T	Butner	UPRS	High T	High T	0.399339	-8.78095	9.579629
ITS	OTU36	L*T	Butner	UPRS	High T	Low T	3.916076	-7.26048	15.09264
ITS	OTU36	L*T	Butner	UPRS	Low T	High T	-3.83039	-12.1008	4.440034
ITS	OTU36	L*T	Butner	UPRS	Low T	Low T	-0.31365	-17.1531	16.52585
ITS	OTU36	L*T	UPRS	UPRS	High T	Low T	3.516737	-7.77551	14.80898
ITS	OTU38	L	Butner	UPRS			2.694065	1.325001	4.06313
ITS	OTU38	T			High T	Low T	3.574748	2.228328	4.921167
ITS	OTU38	L*T	Butner	Butner	High T	Low T	1.920035	-0.24417	4.084245
ITS	OTU38	L*T	Butner	UPRS	High T	High T	1.039353	-0.82489	2.903601
ITS	OTU38	L*T	Butner	UPRS	High T	Low T	6.268813	4.22241	8.315216
ITS	OTU38	L*T	Butner	UPRS	Low T	High T	-0.88068	-2.66579	0.904423
ITS	OTU38	L*T	Butner	UPRS	Low T	Low T	4.348778	2.117696	6.579859
ITS	OTU38	L*T	UPRS	UPRS	High T	Low T	5.22946	3.319916	7.139004
ITS	OTU42	L	Butner	UPRS			0.483868	-1.72407	2.691809
ITS	OTU42	T			High T	Low T	0.269036	-1.50839	2.04646
ITS	OTU42	L*T	Butner	Butner	High T	Low T	0.925404	-2.82725	4.678057
ITS	OTU42	L*T	Butner	UPRS	High T	High T	1.140236	-1.92212	4.202591
ITS	OTU42	L*T	Butner	UPRS	High T	Low T	0.752904	-1.96311	3.468915
ITS	OTU42	L*T	Butner	UPRS	Low T	High T	0.214831	-2.73335	3.16301
ITS	OTU42	L*T	Butner	UPRS	Low T	Low T	-0.1725	-4.62848	4.283474
ITS	OTU42	L*T	UPRS	UPRS	High T	Low T	-0.38733	-3.81075	3.036086
ITS	OTU44	L	Butner	UPRS			4.075408	-0.49875	8.649562
ITS	OTU44	T			High T	Low T	4.56962	-0.28045	9.419691
ITS	OTU44	L*T	Butner	Butner	High T	Low T	7.848536	1.301644	14.39543
ITS	OTU44	L*T	Butner	UPRS	High T	High T	7.354323	1.029781	13.67886
ITS	OTU44	L*T	Butner	UPRS	High T	Low T	8.645028	2.165352	15.1247
ITS	OTU44	L*T	Butner	UPRS	Low T	High T	-0.49421	-7.343	6.354579
ITS	OTU44	L*T	Butner	UPRS	Low T	Low T	0.796492	-5.24794	6.840927
ITS	OTU44	L*T	UPRS	UPRS	High T	Low T	1.290705	-4.94418	7.525594
ITS	OTU49	L	Butner	UPRS			2.134644	0.87893	3.390358
ITS	OTU49	T			High T	Low T	3.655169	2.469145	4.841192
ITS	OTU49	L*T	Butner	Butner	High T	Low T	2.67762	0.97343	4.381811
ITS	OTU49	L*T	Butner	UPRS	High T	High T	1.157095	-0.35214	2.666326
ITS	OTU49	L*T	Butner	UPRS	High T	Low T	5.789813	3.950667	7.628958
ITS	OTU49	L*T	Butner	UPRS	Low T	High T	-1.52052	-3.12816	0.087108
ITS	OTU49	L*T	Butner	UPRS	Low T	Low T	3.112192	1.101708	5.122676
ITS	OTU49	L*T	UPRS	UPRS	High T	Low T	4.632717	2.879085	6.386349