T2 Eggshell-Specific ASVs (Mean Abundance)		Shared Eggshell ASVs (T2 Abundance/T1 Abundance)			T1 Eggshell-Specific ASVs (Mean Abundance)	
ASV_181_Enterococcaceae_Enterococcus	**3.53**	ASV_103_Lactobacillaceae_Lactobacillus	**7.29**	**1.16**	ASV_24_Bacillaceae_NA	**2.50**
ASV_167_Streptococcaceae_Streptococcus	**3.31**	ASV_2_Peptostreptococcaceae_Romboutsia	**5.42**	**3.27**	ASV_10_Enterobacteriaceae_Klebsiella	**1.82**
ASV_265_Lactobacillaceae_Lactobacillus	**1.47**	ASV_127_Lactobacillaceae_Lactobacillus	**5.00**	0.48	ASV_86_Lachnospiraceae_NA	**1.47**
ASV_176_Corynebacteriaceae_Corynebacterium_1	**1.32**	ASV_6_Enterobacteriaceae_Escherichia/Shigella	**4.75**	**10.33**	ASV_270_Lactobacillaceae_Lactobacillus	**1.44**
ASV_304_Staphylococcaceae_Staphylococcus	**1.12**	ASV_125_Lactobacillaceae_Lactobacillus	**3.56**	**3.21**	ASV_133_Clostridiaceae_1_Clostridium_sensu_stricto_1	**1.35**
ASV_199_Bacteroidaceae_Bacteroides	**1.09**	ASV_175_Lactobacillaceae_Lactobacillus	**3.04**	0.58	ASV_186_Veillonellaceae_Megamonas	0.68
ASV_340_Prevotellaceae_Prevotellaceae_Ga6A1_group	0.92	ASV_160_Lactobacillaceae_Lactobacillus	**3.00**	0.91	ASV_112_Ruminococcaceae_Pseudoflavonifractor	0.50
ASV_349_Fusobacteriaceae_Fusobacterium	0.89	ASV_165_Veillonellaceae_Megamonas	**2.32**	0.41	ASV_493_Lactobacillaceae_Lactobacillus	0.49
ASV_247_Bacteroidaceae_Bacteroides	0.76	ASV_8_Lachnospiraceae_NA	**1.67**	**1.94**	ASV_163_Ruminococcaceae_Ruminiclostridium_9	0.46
ASV_331_Atopobiaceae_Olsenella	0.71	ASV_151_Veillonellaceae_Megamonas	**1.59**	**4.30**	ASV_444_Helicobacteraceae_Helicobacter	0.45
ASV_365_Lactobacillaceae_Lactobacillus	0.68	ASV_184_Veillonellaceae_Megamonas	**1.48**	0.47	ASV_539_Deinococcaceae_Deinococcus	0.44
ASV_369_Staphylococcaceae_Jeotgalicoccus	0.66	ASV_166_Acidaminococcaceae_Phascolarctobacterium	**1.24**	**1.21**	ASV_388_Pseudomonadaceae_Pseudomonas	0.42
ASV_362_Aerococcaceae_Aerococcus	0.64	ASV_207_Lactobacillaceae_Lactobacillus	**1.06**	**1.73**	ASV_339_Bacteroidaceae_Bacteroides	0.40
ASV_317_Bacteroidaceae_Bacteroides	0.64	ASV_301_Lactobacillaceae_Lactobacillus	0.93	0.21	ASV_84_Moraxellaceae_Acinetobacter	0.40
ASV_364_Aerococcaceae_Facklamia	0.62	ASV_1_Enterococcaceae_Enterococcus	0.91	**1.75**	ASV_20_Lachnospiraceae_Eisenbergiella	0.40
ASV_358_Actinomycetaceae_Actinomyces	0.59	ASV_323_Lactobacillaceae_Lactobacillus	0.85	0.26	ASV_262_Bacteroidaceae_Bacteroides	0.39
ASV_381_Lactobacillaceae_Lactobacillus	0.57	ASV_298_Lactobacillaceae_Lactobacillus	0.74	0.51	ASV_303_Prevotellaceae_Alloprevotella	0.38
ASV_334_Bacteroidaceae_Bacteroides	0.45	ASV_94_Ruminococcaceae_Faecalibacterium	0.68	0.54	ASV_600_Family_XI_Murdochiella	0.34
ASV_391_Bacteroidaceae_Bacteroides	0.42	ASV_150_Corynebacteriaceae_Corynebacterium_1	0.63	**1.14**	ASV_574_Family_XI_Peptoniphilus	0.32
ASV_449_Staphylococcaceae_Jeotgalicoccus	0.39	ASV_237_Bacteroidaceae_Bacteroides	0.63	**1.08**	ASV_537_Family_XI_Gallicola	0.31
ASV_28_Lachnospiraceae_NA	0.37	ASV_208_Bacteroidaceae_Bacteroides	0.61	**2.53**	ASV_195_Xanthomonadaceae_Stenotrophomonas	0.30
ASV_471_Corynebacteriaceae_Corynebacterium_1	0.33	ASV_200_Lachnospiraceae_NA	0.53	0.15	ASV_98_Erysipelotrichaceae_Erysipelatoclostridium	0.29
ASV_437_Rikenellaceae_NA	0.33	ASV_264_Atopobiaceae_Olsenella	0.48	0.83	ASV_512_Deferribacteraceae_Mucispirillum	0.27
ASV_502_Moraxellaceae_Psychrobacter	0.31	ASV_11_Clostridiaceae_1_Clostridium_sensu_stricto_1	0.48	0.42	ASV_62_Lachnospiraceae_Shuttleworthia	0.27
ASV_345_Prevotellaceae_Prevotellaceae_UCG-001	0.31	ASV_33_Lachnospiraceae_NA	0.41	0.55	ASV_427_Prevotellaceae_Prevotellaceae_UCG-001	0.27
ASV_335_Bacteroidaceae_Bacteroides	0.29	ASV_135_Ruminococcaceae_Faecalibacterium	0.40	0.81	ASV_622_Prevotellaceae_Prevotellaceae_UCG-001	0.26
ASV_408_Rikenellaceae_Rikenellaceae_RC9_gut_group	0.28	ASV_238_Veillonellaceae_Megasphaera	0.38	0.15	ASV_32_Lachnospiraceae_NA	0.25
ASV_214_Ruminococcaceae_Flavonifractor	0.26	ASV_232_Lachnospiraceae_Blautia	0.37	0.14	ASV_548_Bifidobacteriaceae_Aeriscardovia	0.21
ASV_485_Bacteroidaceae_Bacteroides	0.25	ASV_261_Bacteroidaceae_Bacteroides	0.35	0.37	ASV_740_Prevotellaceae_Prevotellaceae_UCG-001	0.20
ASV_252_Prevotellaceae_Prevotellaceae_UCG-001	0.23	ASV_81_Lachnospiraceae_CHKCI001	0.31	0.27	ASV_144_Peptostreptococcaceae_Romboutsia	0.20
ASV_3_Lachnospiraceae_NA	0.23	ASV_277_Bacteroidaceae_Bacteroides	0.30	**1.15**	ASV_473_Bacteroidaceae_Bacteroides	0.19
ASV_530_Enterococcaceae_NA	0.22	ASV_65_Lachnospiraceae_Sellimonas	0.29	0.83	ASV_85_Staphylococcaceae_Staphylococcus	0.19
ASV_612_Bacteroidaceae_Bacteroides	0.21	ASV_13_Erysipelotrichaceae_Turicibacter	0.29	0.91	ASV_385_Lachnospiraceae_NA	0.18
ASV_505_Lactobacillaceae_Lactobacillus	0.21	ASV_4_Lachnospiraceae_NA	0.27	**2.74**	ASV_183_Erysipelotrichaceae_Erysipelatoclostridium	0.18
ASV_70_Clostridiaceae_1_Clostridium_sensu_stricto_1	0.20	ASV_139_Bacillaceae_Bacillus	0.26	0.47	ASV_791_Moraxellaceae_Enhydrobacter	0.17
ASV_691_Bacteroidaceae_Bacteroides	0.20	ASV_382_Desulfovibrionaceae_Desulfovibrio	0.24	0.45	ASV_654_Muribaculaceae_NA	0.15
ASV_450_Bacteroidaceae_Bacteroides	0.19	ASV_19_Lachnospiraceae_NA	0.24	**1.06**	ASV_209_Lachnospiraceae_NA	0.15
ASV_601_Aeromonadaceae_Oceanisphaera	0.17	ASV_410_Tannerellaceae_Parabacteroides	0.22	0.17	ASV_795_Rhizobiaceae_NA	0.15
ASV_31_Ruminococcaceae_Subdoligranulum	0.17	ASV_443_Peptococcaceae_Peptococcus	0.22	0.14	ASV_352_Lachnospiraceae_Sellimonas	0.14
ASV_38_Lachnospiraceae_Sellimonas	0.14	ASV_36_Lachnospiraceae_NA	0.22	**2.00**	ASV_718_Lactobacillaceae_Lactobacillus	0.14
ASV_555_Lactobacillaceae_Lactobacillus	0.14	ASV_23_Peptostreptococcaceae_Romboutsia	0.22	0.10	ASV_586_Ruminococcaceae_Subdoligranulum	0.14
ASV_616_Ruminococcaceae_Ruminococcaceae_UCG-005	0.14	ASV_114_Lachnospiraceae_Anaerosporobacter	0.20	**2.22**	ASV_300_Staphylococcaceae_Staphylococcus	0.14
ASV_571_Ruminococcaceae_Ruminococcaceae_UCG-007	0.13	ASV_122_Lachnospiraceae_NA	0.20	0.13	ASV_866_Micrococcaceae_Rothia	0.14
ASV_723_Muribaculaceae_NA	0.13	ASV_368_Veillonellaceae_Megamonas	0.20	0.36	ASV_615_Ruminococcaceae_Fournierella	0.14
ASV_377_Marinifilaceae_Odoribacter	0.13	ASV_383_Bifidobacteriaceae_Bifidobacterium	0.16	0.41	ASV_544_Coriobacteriaceae_Enorma	0.13
ASV_671_Carnobacteriaceae_Atopostipes	0.13	ASV_14_Lachnospiraceae_NA	0.16	**1.18**	ASV_547_Chitinophagaceae_Hydrotalea	0.13
ASV_542_Prevotellaceae_NA	0.13	ASV_110_Lachnospiraceae_Sellimonas	0.15	0.94	ASV_963_Muribaculaceae_NA	0.12
ASV_746_Bacteroidaceae_Bacteroides	0.13	ASV_318_Prevotellaceae_Prevotellaceae_UCG-001	0.15	0.57	ASV_152_Ruminococcaceae_NA	0.12
ASV_210_Lachnospiraceae_Lachnoclostridium	0.12	ASV_243_Muribaculaceae_NA	0.12	0.34	ASV_40_Lachnospiraceae_Sellimonas	0.12
ASV_628_Bacteroidaceae_Bacteroides	0.12	ASV_540_Lactobacillaceae_Lactobacillus	0.12	0.25	ASV_68_Staphylococcaceae_Staphylococcus	0.11
ASV_635_Bacteroidaceae_Bacteroides	0.12	ASV_617_Prevotellaceae_Alloprevotella	0.11	0.26		
ASV_136_Lachnospiraceae_NA	0.12	ASV_607_Ruminococcaceae_NA	0.10	0.17		
ASV_430_Ruminococcaceae_Ruminococcaceae_UCG-008	0.12	ASV_142_Lachnospiraceae_CAG-56	0.10	0.71		
ASV_722_Prevotellaceae_Prevotellaceae_Ga6A1_group	0.11	ASV_43_Ruminococcaceae_Butyricicoccus	0.10	0.53		
ASV_380_Synergistaceae_Synergistes	0.11	ASV_61_Erysipelotrichaceae_Erysipelatoclostridium	0.10	0.44		
ASV_869_Aeromonadaceae_Oceanisphaera	0.11					
ASV_694_Micrococcaceae_Yaniella	0.10					
ASV_719_Ruminococcaceae_Subdoligranulum	0.10					
ASV_155_Peptostreptococcaceae_Romboutsia	0.10					