

f_Sphingomonadaceae g_Sphingomonas	**	**	**
f_Rhizobiaceae g_Phyllobacterium	**	**	**
f_Staphylococcaceae g_Staphylococcus	**	**	**
f_Coriobacteriaceae g_Collinsella	*	*	*
f_Oscillospiraceae g_NK4A214_group	*	*	*
f_Lactobacillaceae g_Ligilactobacillus	*	*	*
f_Veillonellaceae g_Dialister	***	***	***
f_Lachnospiraceae g_Dorea	****	***	***
f_Ruminococcaceae g_Ruminococcus	**	**	**
f_Clostridiaceae g_Clostridium_sensu_stricto_1	**	**	**
f_Lachnospiraceae g_Sellimonas	****	****	****
f_Lachnospiraceae g_Lachnospiraceae_NK4A136_group	*	*	*
f_Ruminococcaceae g_[Eubacterium]_siraeum_group	*	*	*
f_Bacteroidaceae g_Bacteroides	**	**	**
f_Desulfovibrionaceae g_Desulfovibrio	*	**	*
f_Lachnospiraceae g_Tyzzarella	**	**	**

p ≤ 0.05

RF ACPA RF/ACPA

A