

LIST OF FIGURES

Figure	Page
2.1 The structure of chitin	15
3.1 Effects of BSF supplementation on rumen microorganisms.....	44
3.2 Effects of BSF supplementation on rumen microorganisms.....	46
3.3 LEfSe analysis.....	48
5.1 Venn plot.....	109
5.2 Alpha diversity-associated boxplot analysis.....	110
5.3 Beta diversity analysis.	111
5.4 Microbial community structure bar chart	112
5.5 Boxplot of differential species abundance.....	112
5.6 Community structure heatmap.....	113
5.7 Species relationship diagram	114
5.8 LEfSe analysis.....	115
5.9 Random forest analysis.....	116
5.10 Muscle-related gene expression	122