



**Associations**

**Stimulus**

**Time**

- (2) MSP 006 Bacteroides vulgatus
- (1) MSP 007 Bacteroides vulgatus
- (1) MSP 024 Bacteroides caccae
- (3) MSP 030 Coprococcus
- (2) MSP 029 Subdoligranulum variabile
- (3) MSP 071 Blautia sp. KLE 1732
- (1) MSP 143 Blautia obeum
- (1) MSP 076 Streptococcus thermophilus
- (1) MSP 201 Phascolarctobacterium
- (1) MSP 297 Dorea formicigenerans
- (2) MSP 036 Eubacterium siraeum
- (1) MSP 054 Parabacteroides merdae
- (1) MSP 182 Eubacterium
- (2) MSP 032 Roseburia sp. 831b
- (1) MSP 149 Faecalibacterium
- (1) MSP 090 Holdemanella biformis
- (1) MSP 224 Lachnospira
- (1) MSP 293 Blautia wexlerae
- (3) MSP 181 Eggerthella lenta
- (2) MSP 163 Lachnospiraceae bacterium TF01-11
- (2) MSP 091 Ruminococcus
- (4) MSP 112 Roseburia
- (2) MSP 166 Clostridiales bacterium KLE1615
- (2) MSP 062 Dorea sp. Marseille-P4042
- (1) MSP 203 Blautia sp. SG-772
- (1) MSP 211 Oscillibacter



**Associations**

**Immunomodulation**

**Annotation score %**

**TNF + S. aureus**

**IL6 + S. aureus**

**IL1b + S. aureus**

**IFNg + M. tuberculosis**