Top nine family Anaplasmataceae Bacillaceae Bartonellaceae 0.00048 8.3e-13 5.5e-05 p < 2.22e-16 5.6e-06 6e-12 0.26 0.002 100% 100% 100% 50% 50% 50% 0% 0% 0% Blood Tick Tissue Blood Tick Tissue Blood Tick Tissue Coxiellaceae Flavobacteriaceae Midichloriaceae 0.00028 5.9e-07 80% p < 2.22e-16 p < 2.22e-16 p < 2.22e-16 6.5e-05 2.8e-13 0.0023 Relative abundance (%) %001 %00 100% 60% 40% 50% 20% 0% 0% 0% Blood Blood Blood Tick Tick Tissue Tick Tissue Tissue Mycobacteriaceae Staphylococcaceae Unknown p < 2.22e-16 2.1e-12 p < 2.22e-16 100% 0.00085 1.4e-14 3.5e-07 1.9e-07 2.1e-05 p < 2.22e-16 90% 100% 75% 60% 50% 50% 30% 25% 0% 0% 0%

Tick

Tissue

Blood

Tick

Tissue

Blood

Blood

Tick

Tissue