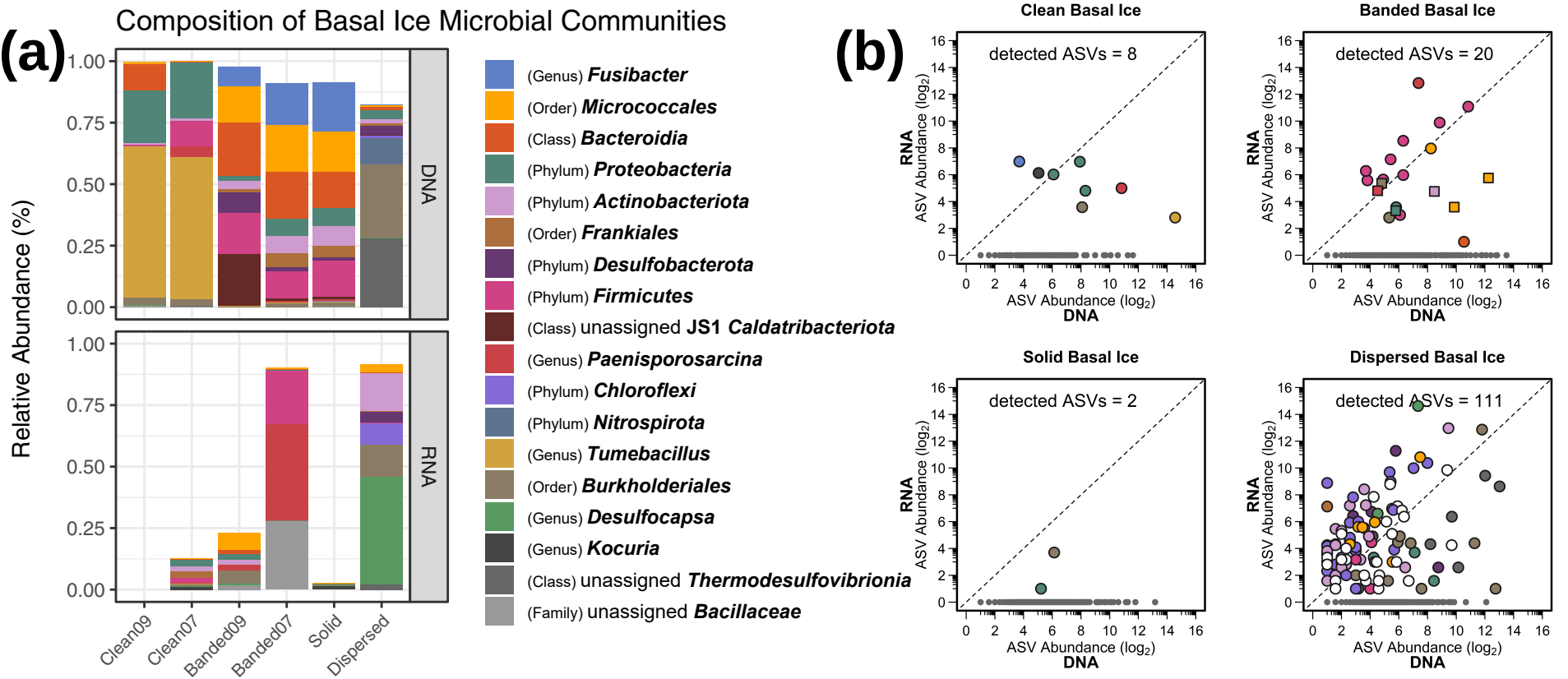
Composition of Basal Ice Microbial Communities
(a)
Relative Abundance (%)
DNA
RNA
Clean09
Clean07
Banded09
Banded07
Solid
Dispersed
(Genus) Fusibacter
(Order) Micrococcales
(Class) Bacteroidia
(Phylum) Proteobacteria
(Phylum) Actinobacteriota
(Order) Frankiales
(Phylum) Desulfobacterota
(Phylum) Firmicutes
(Class) unassigned JS1 Caldatribacteriota
(Genus) Paenisporosarcina
(Phylum) Chloroflexi
(Phylum) Nitrospirota
(Genus) Tumebacillus
(Order) Burkholderiales
(Genus) Desulfocapsa
(Genus) Kocuria
(Class) unassigned Thermodesulfovibrionia
(Family) unassigned Bacillaceae
(b)
Clean Basal Ice
detected ASVs = 8
Banded Basal Ice
detected ASVs = 20
Solid Basal Ice
detected ASVs = 2
Dispersed Basal Ice
detected ASVs = 111
RNA ASV Abundance (log2)
DNA ASV Abundance (log2)