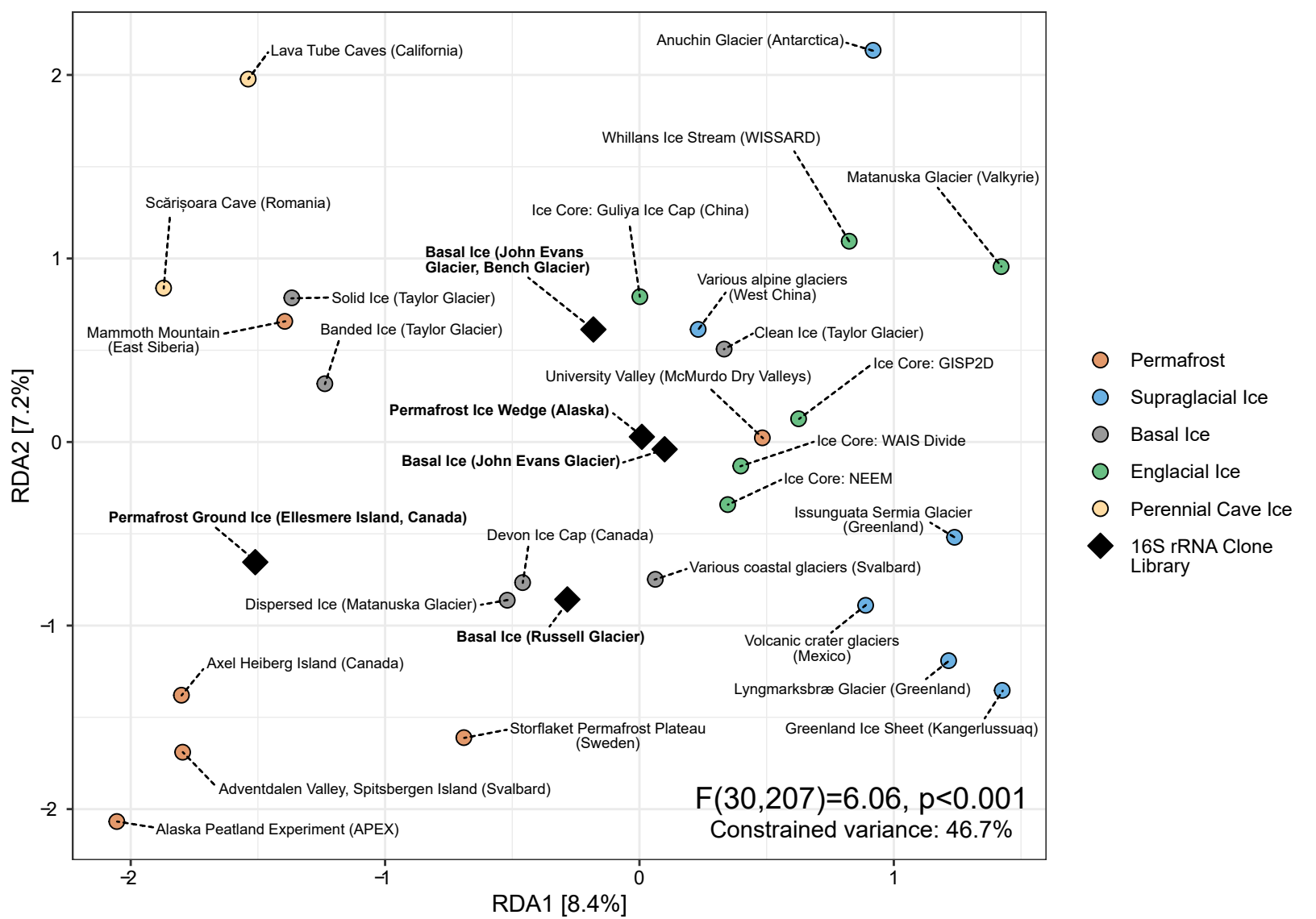
Lava Tube Caves (California)
Anuchin Glacier (Antarctica)
Whillans Ice Stream (WISSARD)
Matanuska Glacier (Valkyrie)
Scărișoara Cave (Romania)
Ice Core: Guliya Ice Cap (China)
Basal Ice (John Evans Glacier, Bench Glacier)
Various alpine glaciers (West China)
Solid Ice (Taylor Glacier)
Mammoth Mountain (East Siberia)
Banded Ice (Taylor Glacier)
Clean Ice (Taylor Glacier)
Ice Core: GISP2D
University Valley (McMurdo Dry Valleys)
Permafrost Ice Wedge (Alaska)
Ice Core: WAIS Divide
Basal Ice (John Evans Glacier)
Ice Core: NEEM
Issunguata Sermia Glacier (Greenland)
Permafrost Ground Ice (Ellesmere Island, Canada)
Devon Ice Cap (Canada)
Various coastal glaciers (Svalbard)
Dispersed Ice (Matanuska Glacier)
Basal Ice (Russell Glacier)
Volcanic crater glaciers (Mexico)
Axel Heiberg Island (Canada)
Lyngmarksbræ Glacier (Greenland)
Storflaket Permafrost Plateau (Sweden)
Greenland Ice Sheet (Kangerlussuaq)
Adventdalen Valley, Spitsbergen Island (Svalbard)
Alaska Peatland Experiment (APEX)
F(30,207)=6.06, p<0.001
Constrained variance: 46.7%
RDA2 [7.2%]
RDA1 [8.4%]
2
1
0
−1
−2
−2
−1
0
1
Permafrost
Supraglacial Ice
Basal Ice
Englacial Ice
Perennial Cave Ice
16S rRNA Clone Library