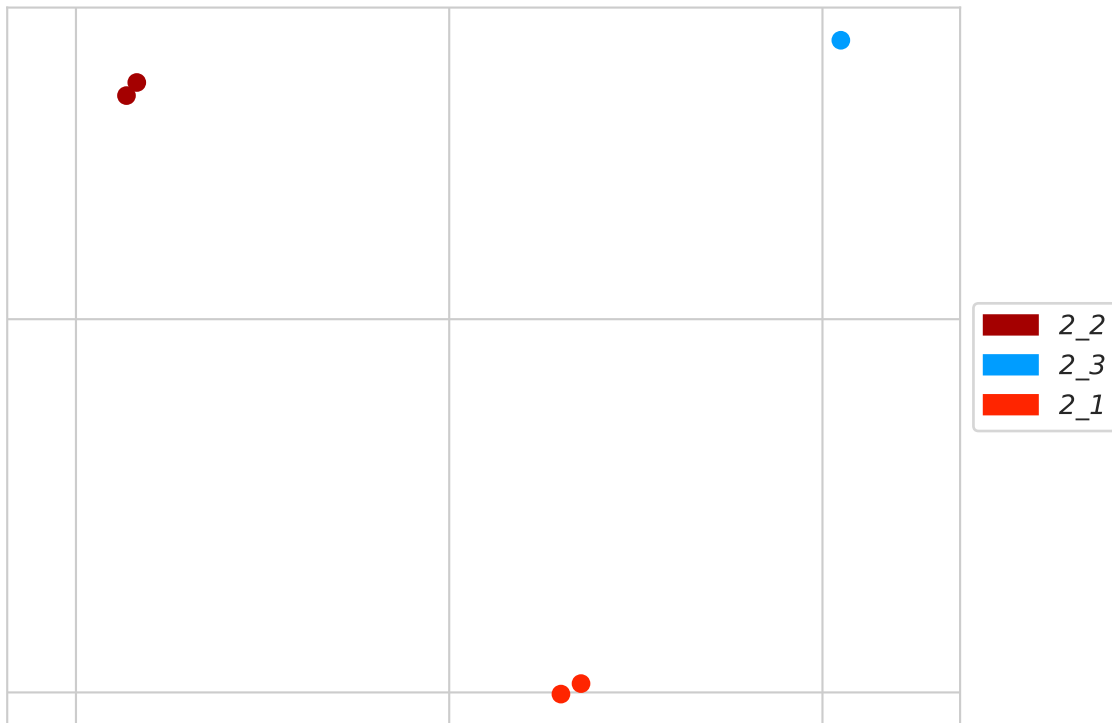


Primary cluster 1; grid spacing: 1.0% ANI

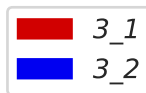
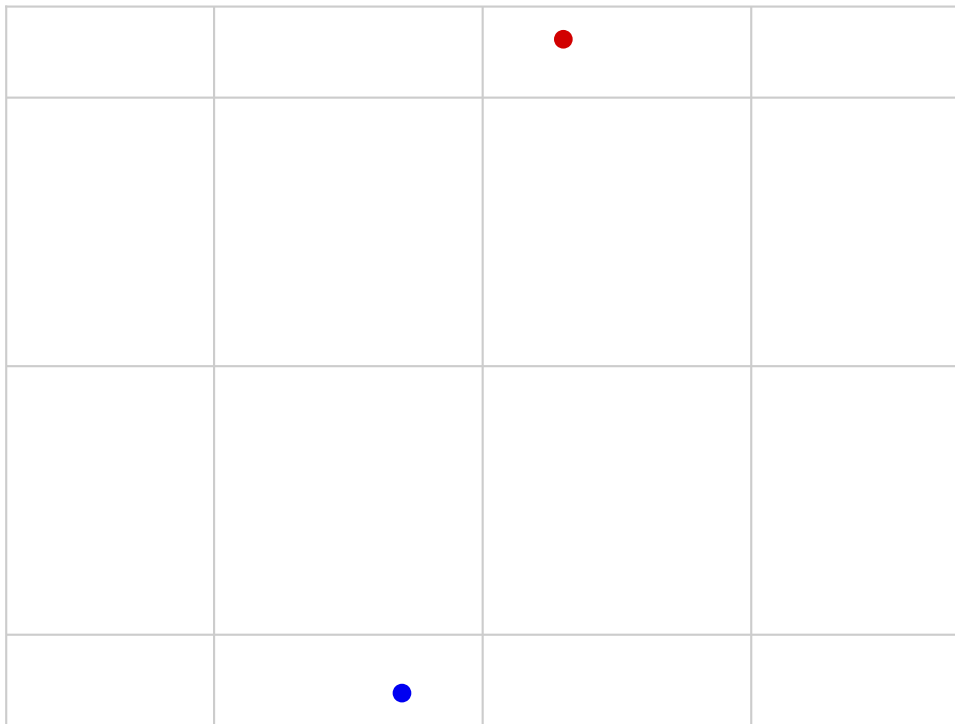


1\_1

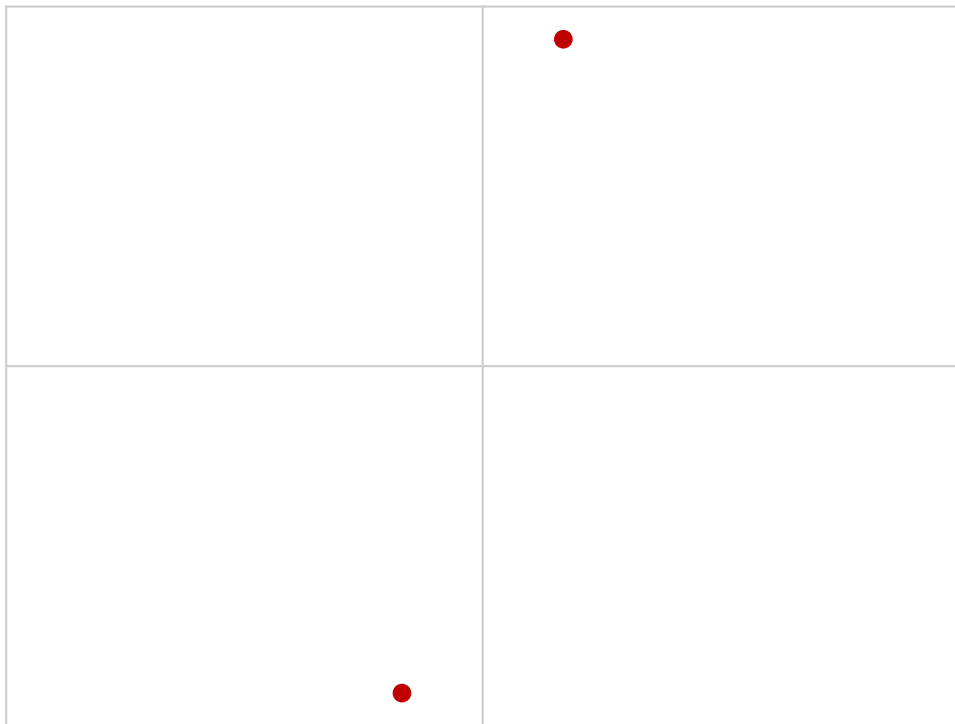
Primary cluster 2; grid spacing: 1.0% ANI



Primary cluster 3; grid spacing: 1.0% ANI

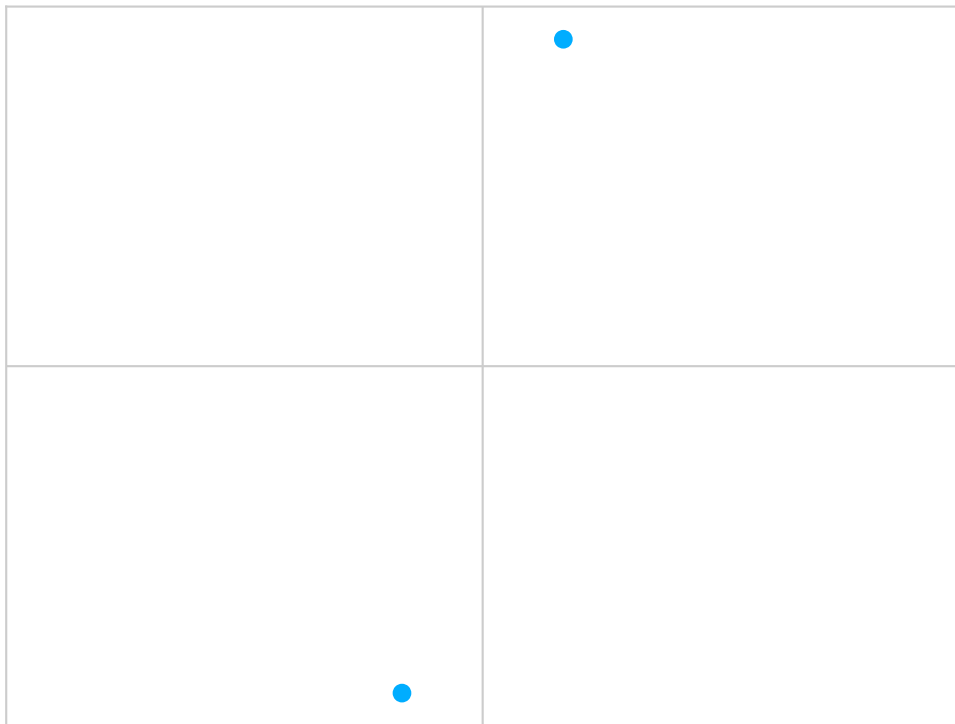


Primary cluster 4; grid spacing: 1.0% ANI



4\_1

Primary cluster 5; grid spacing: 1.0% ANI



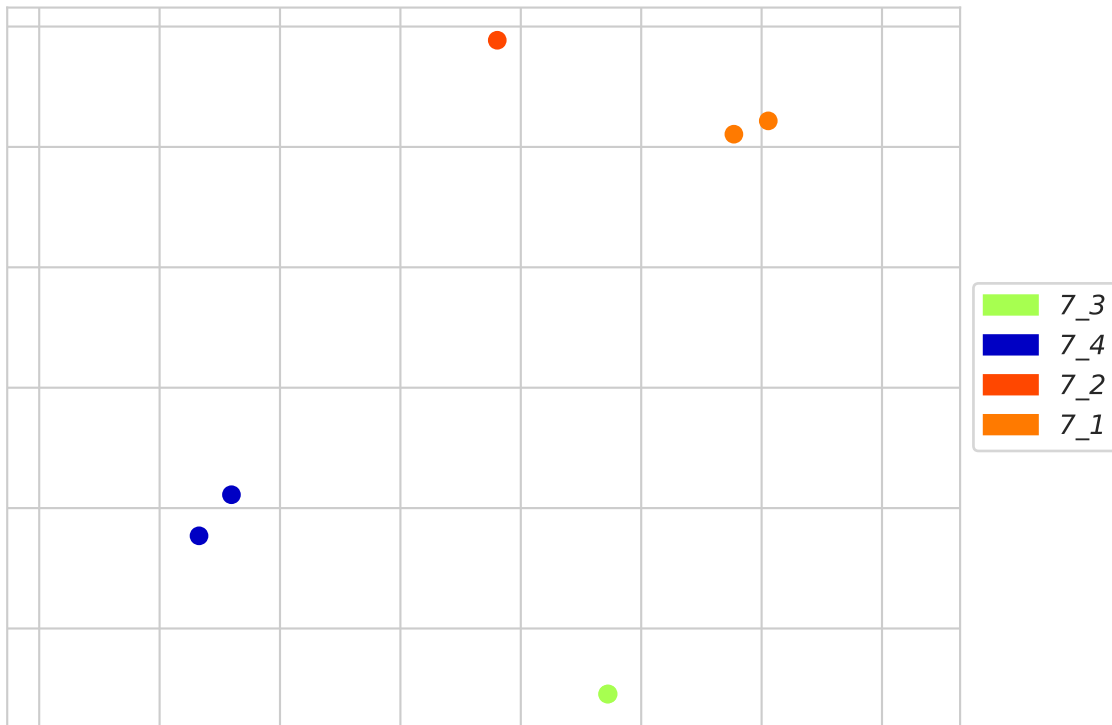
5\_1

Primary cluster 6; grid spacing: 1.0% ANI



6\_1

Primary cluster 7; grid spacing: 1.0% ANI

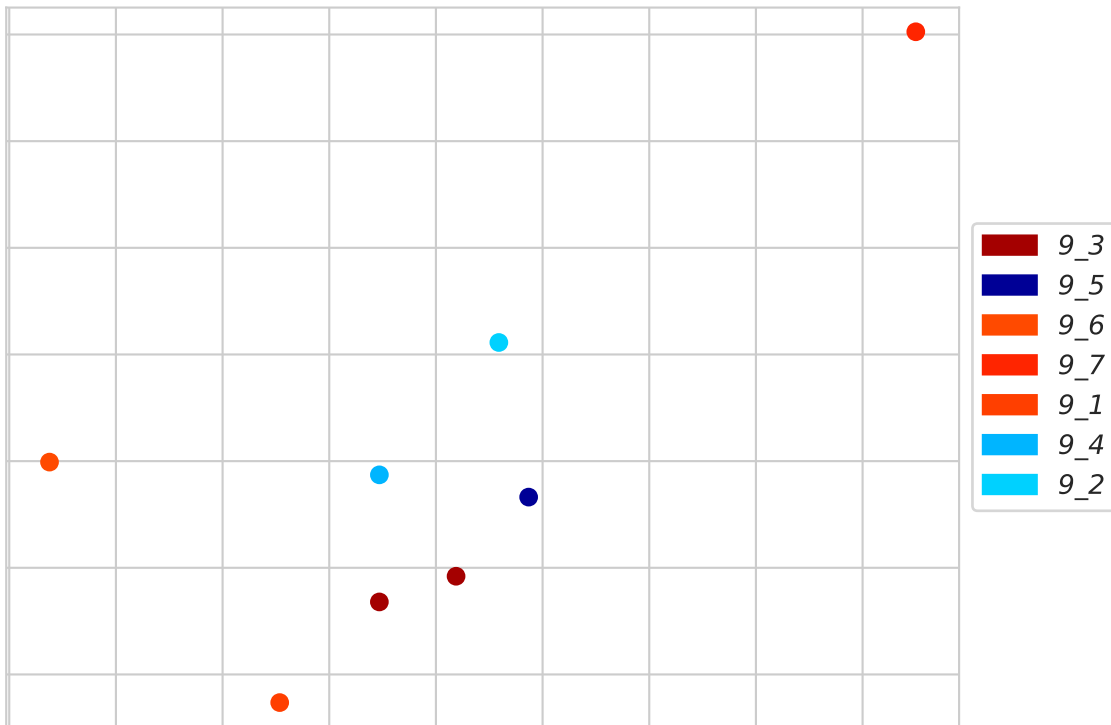


Primary cluster 8; grid spacing: 1.0% ANI

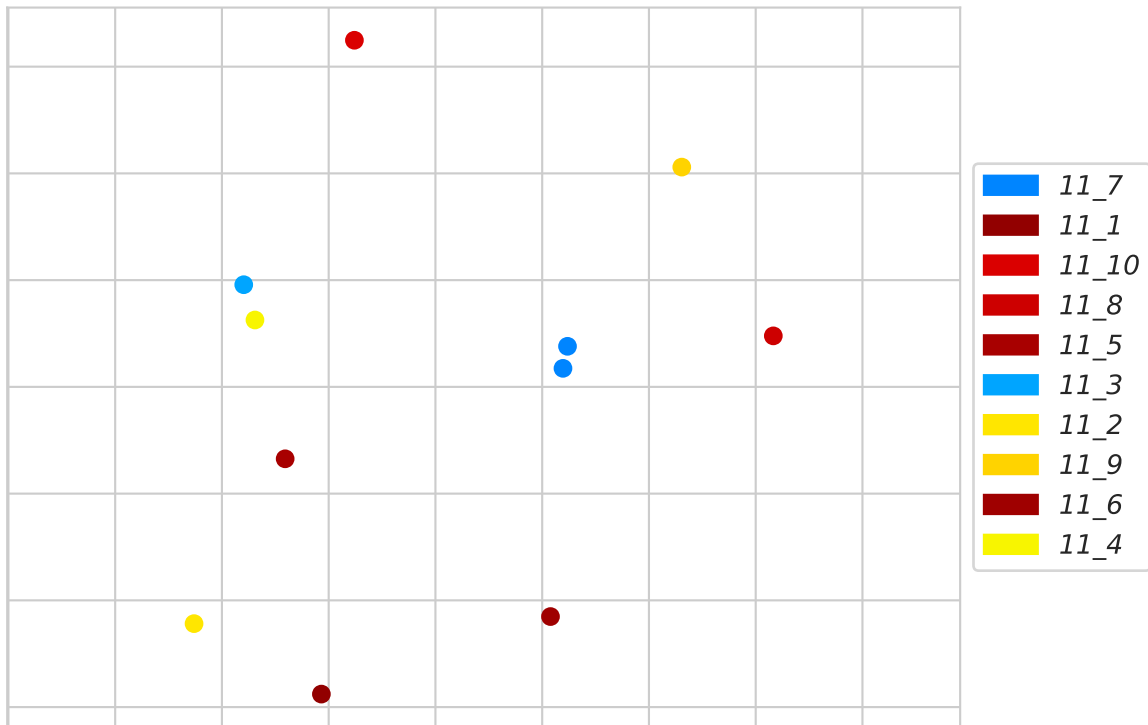




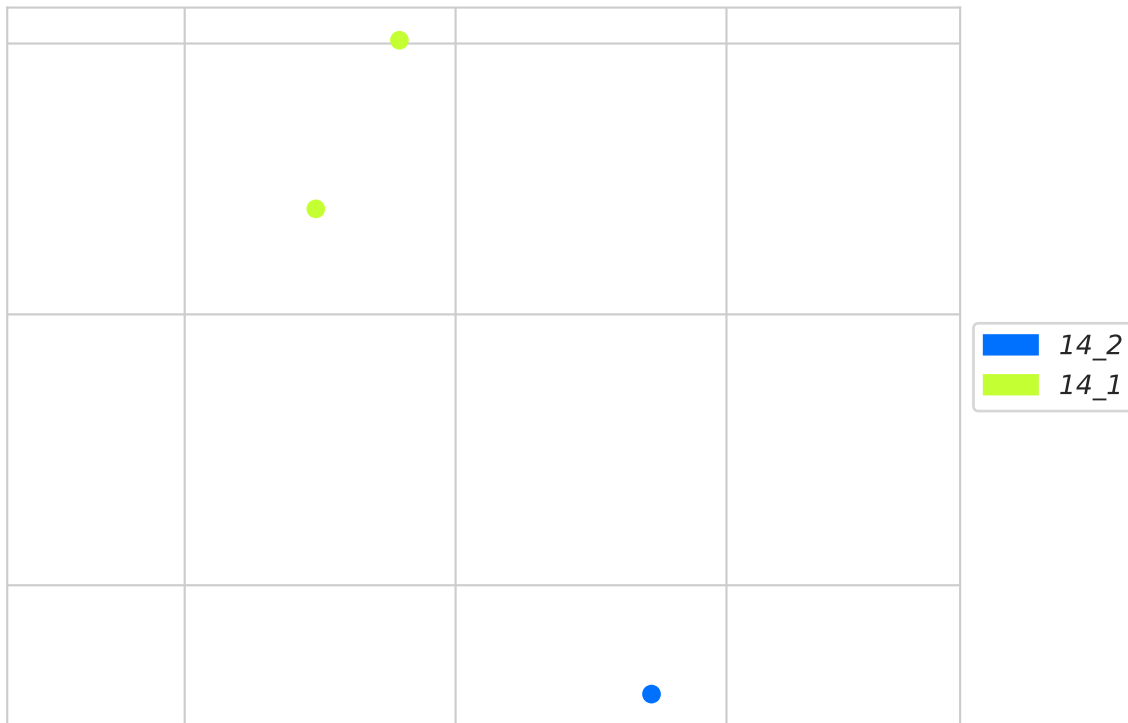
Primary cluster 9; grid spacing: 1.0% ANI



Primary cluster 11; grid spacing: 1.0% ANI



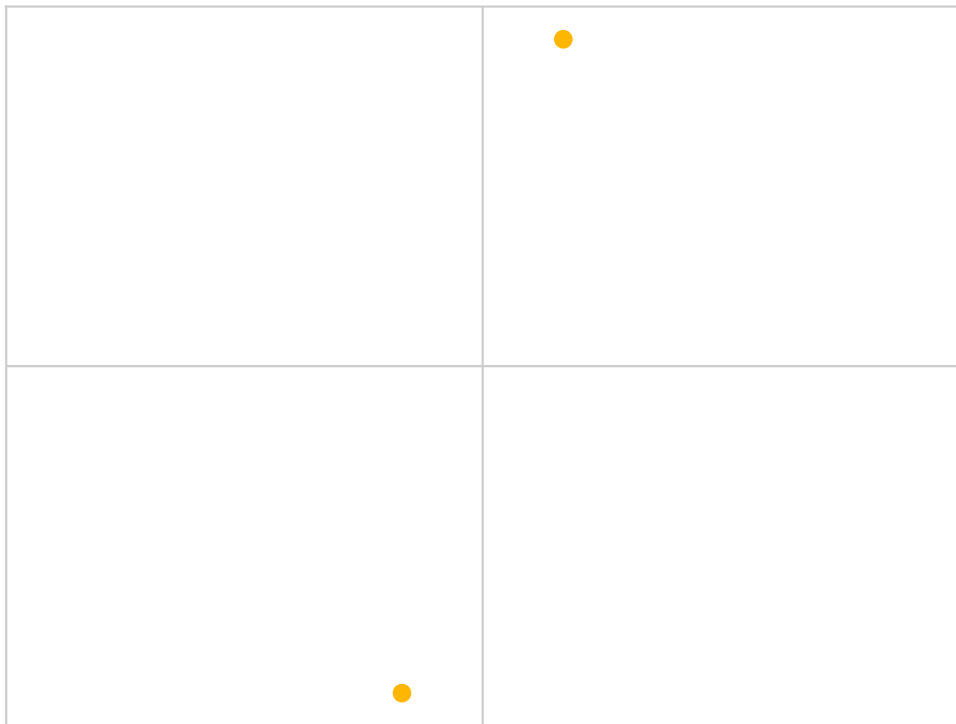
Primary cluster 14; grid spacing: 1.0% ANI



# Primary cluster 15; grid spacing: 1.0% ANI

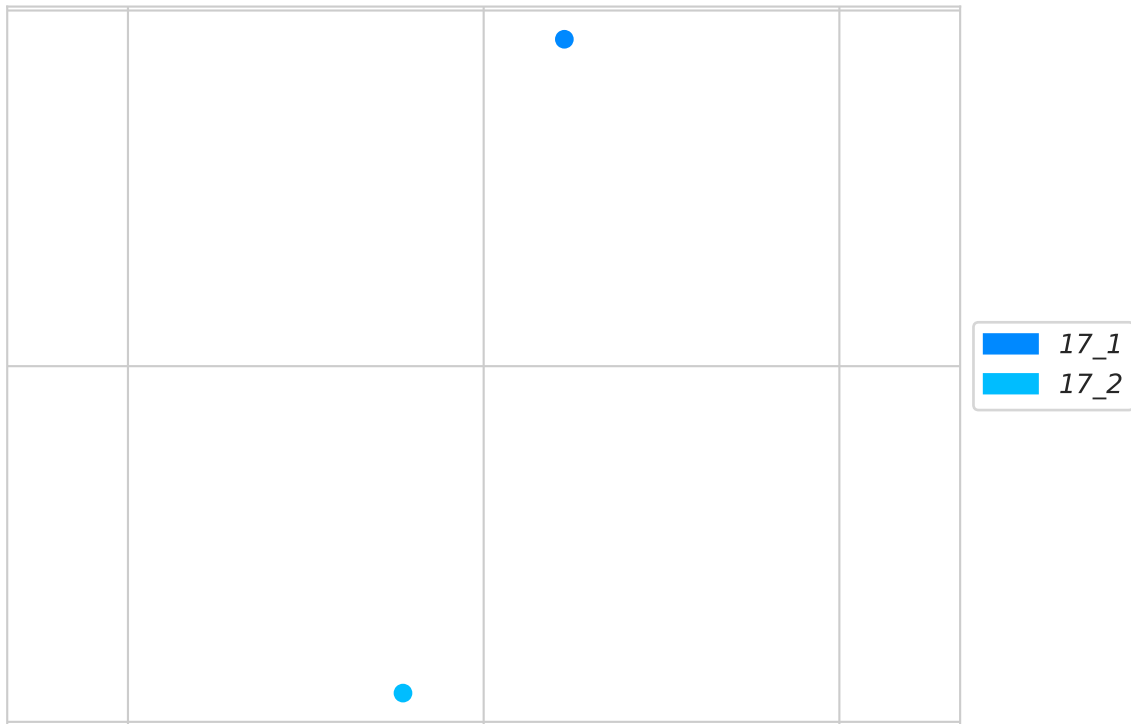


Primary cluster 16; grid spacing: 1.0% ANI

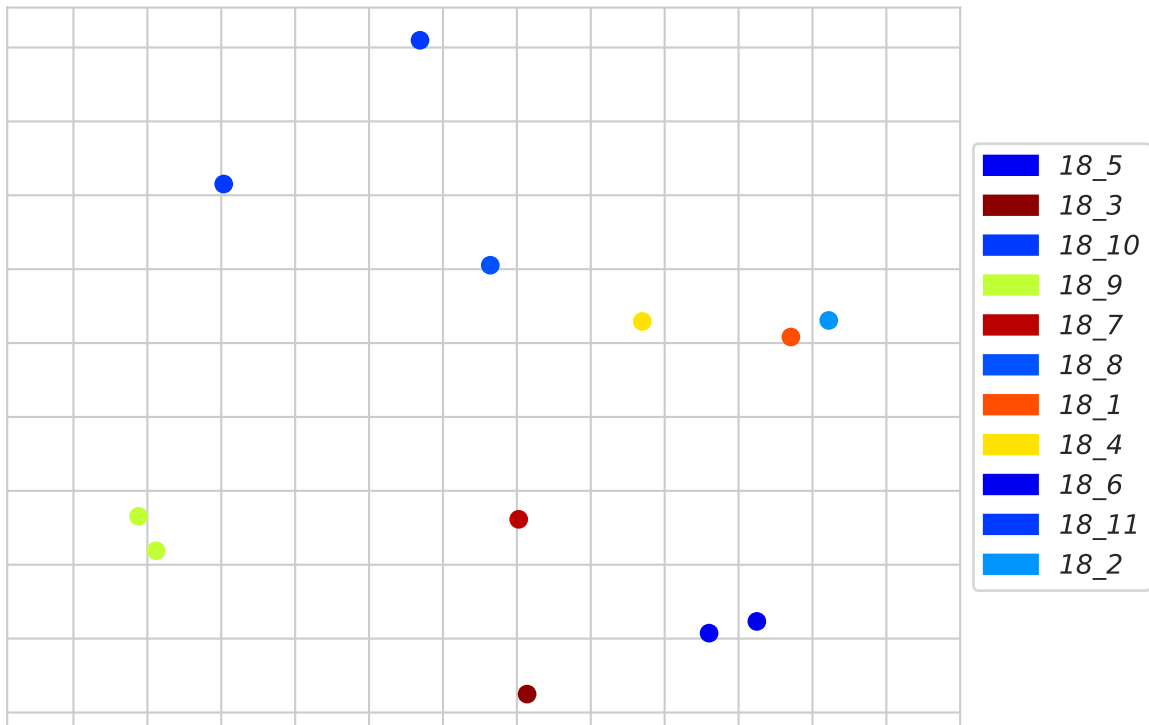


 16\_1

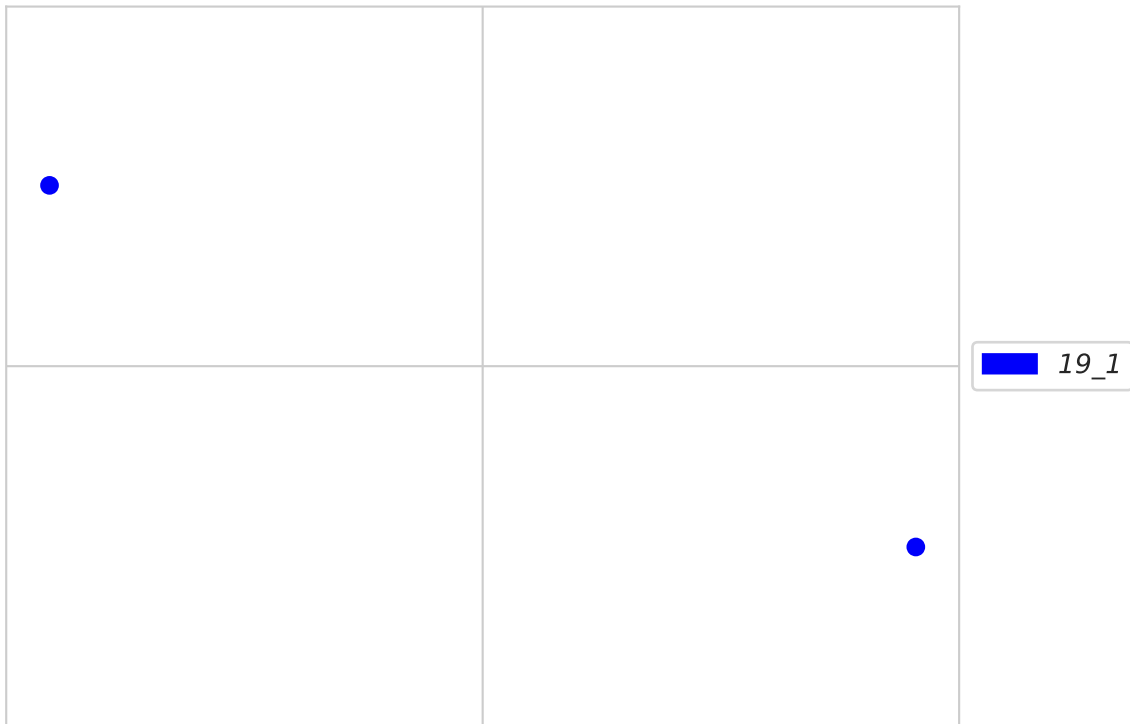
Primary cluster 17; grid spacing: 1.0% ANI



Primary cluster 18; grid spacing: 1.0% ANI

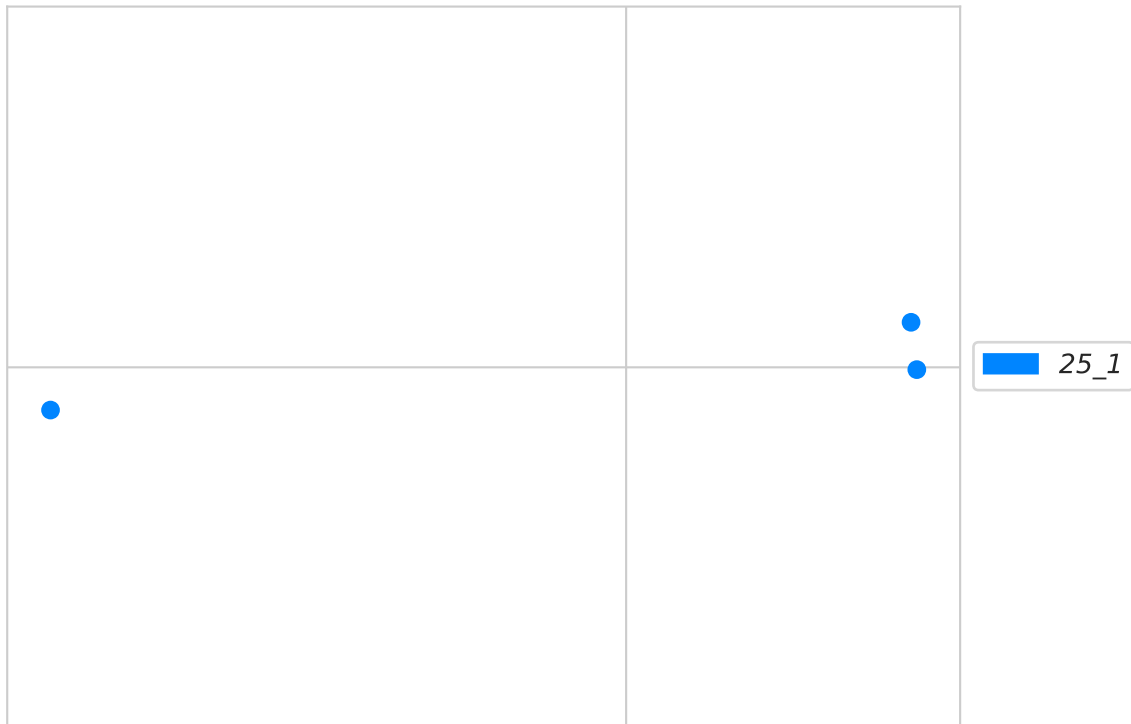


Primary cluster 19; grid spacing: 1.0% ANI

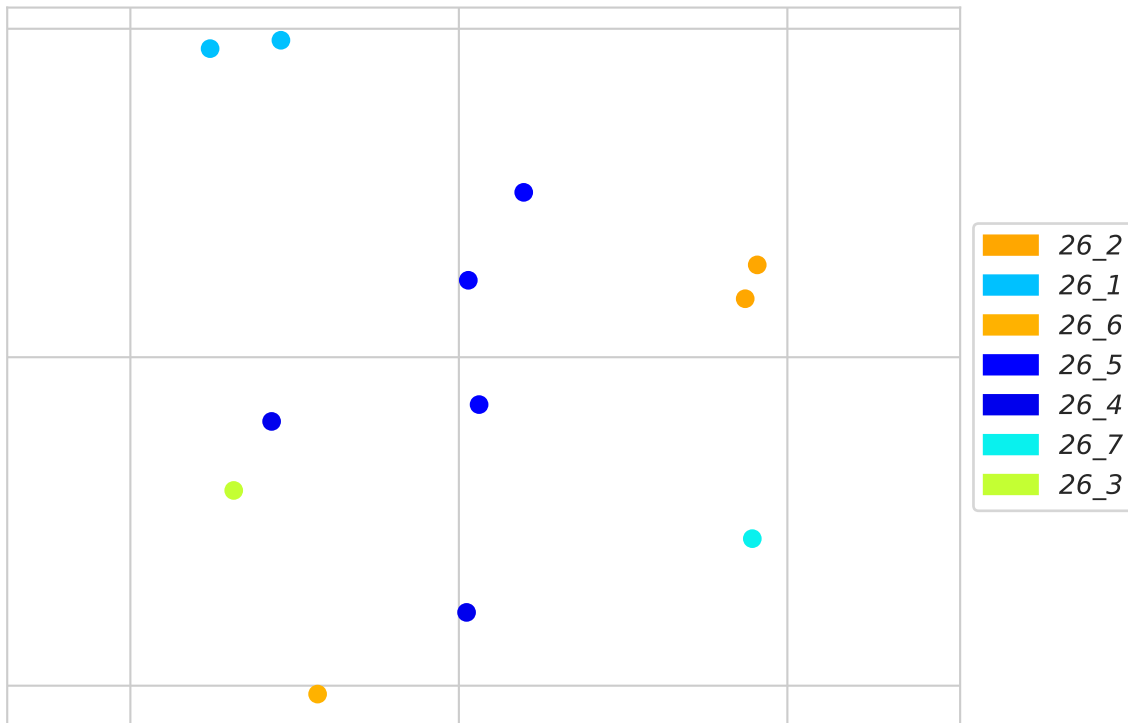




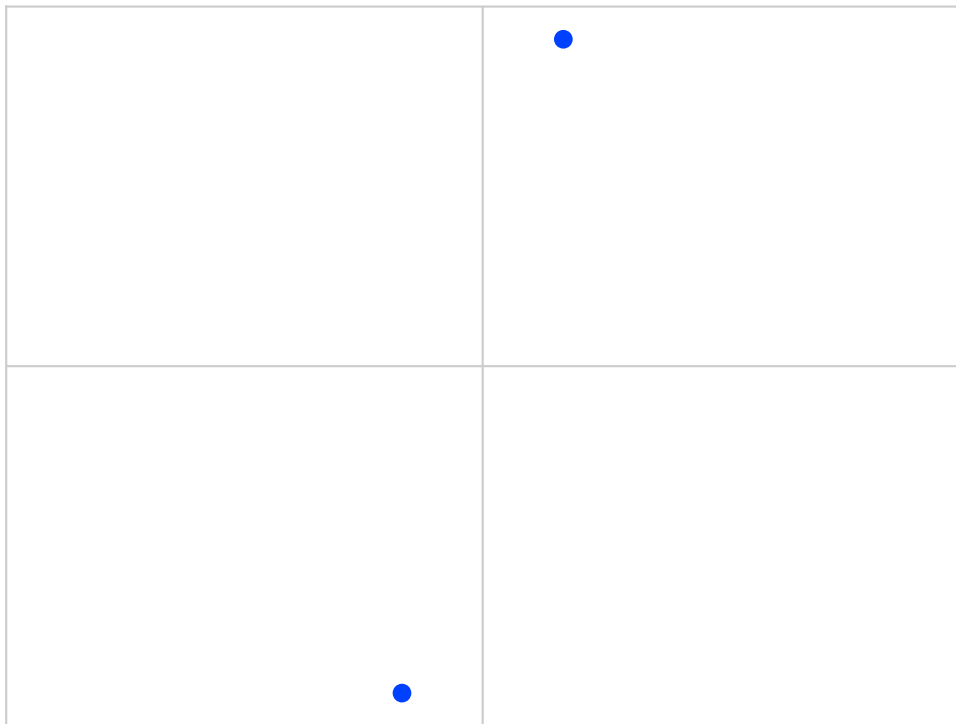
Primary cluster 25; grid spacing: 1.0% ANI



Primary cluster 26; grid spacing: 1.0% ANI

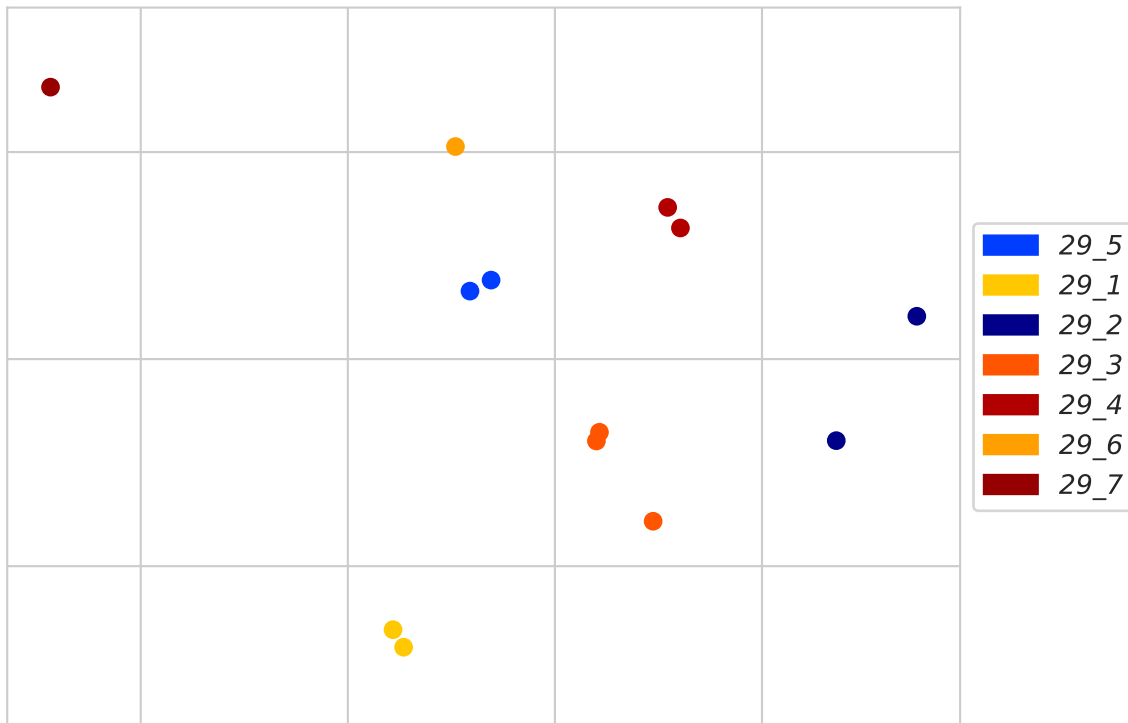


Primary cluster 28; grid spacing: 1.0% ANI

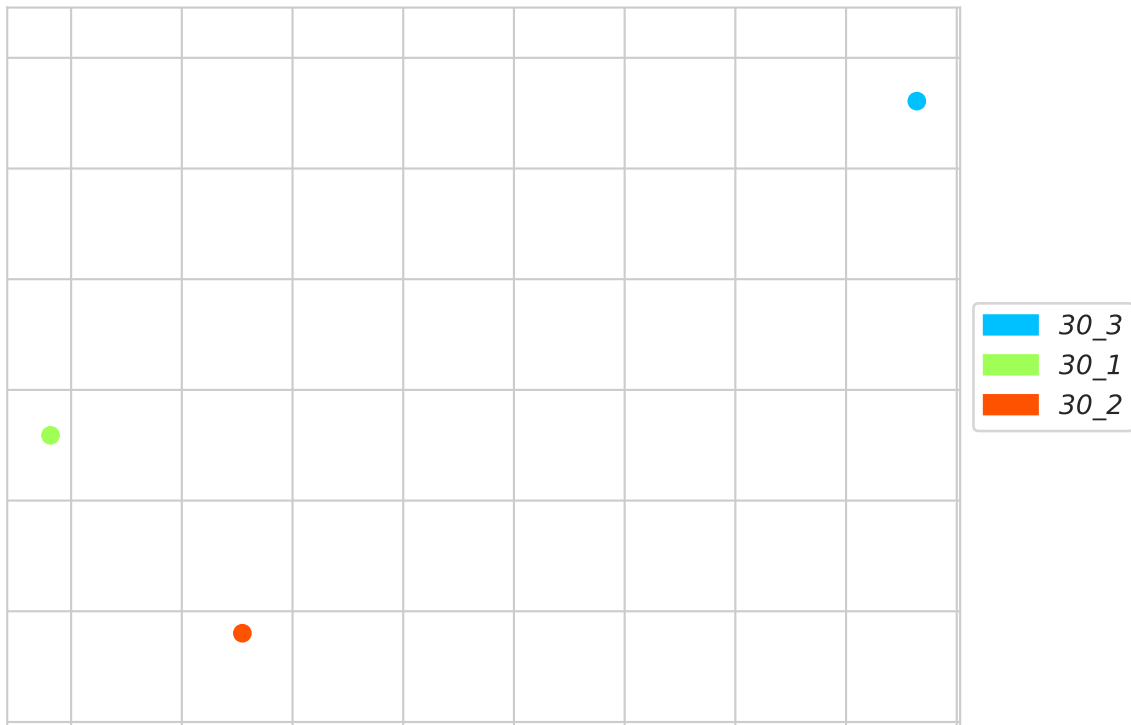


28\_1

Primary cluster 29; grid spacing: 1.0% ANI



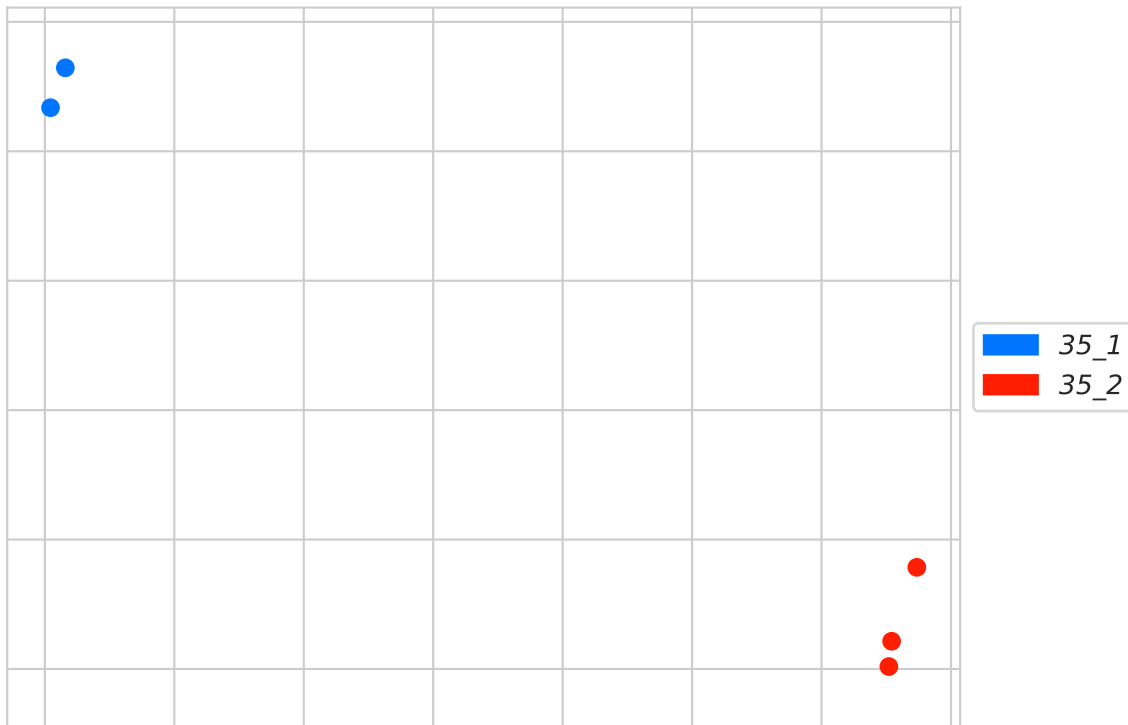
Primary cluster 30; grid spacing: 1.0% ANI



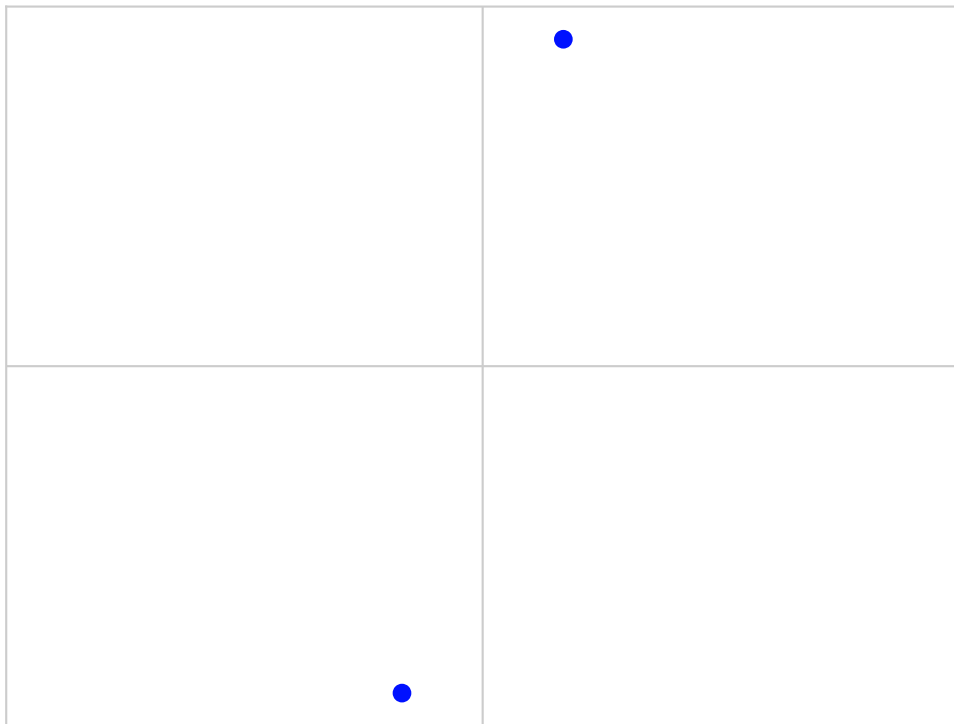
Primary cluster 31; grid spacing: 1.0% ANI



Primary cluster 35; grid spacing: 1.0% ANI



Primary cluster 37; grid spacing: 1.0% ANI



37\_1



Primary cluster 38; grid spacing: 1.0% ANI



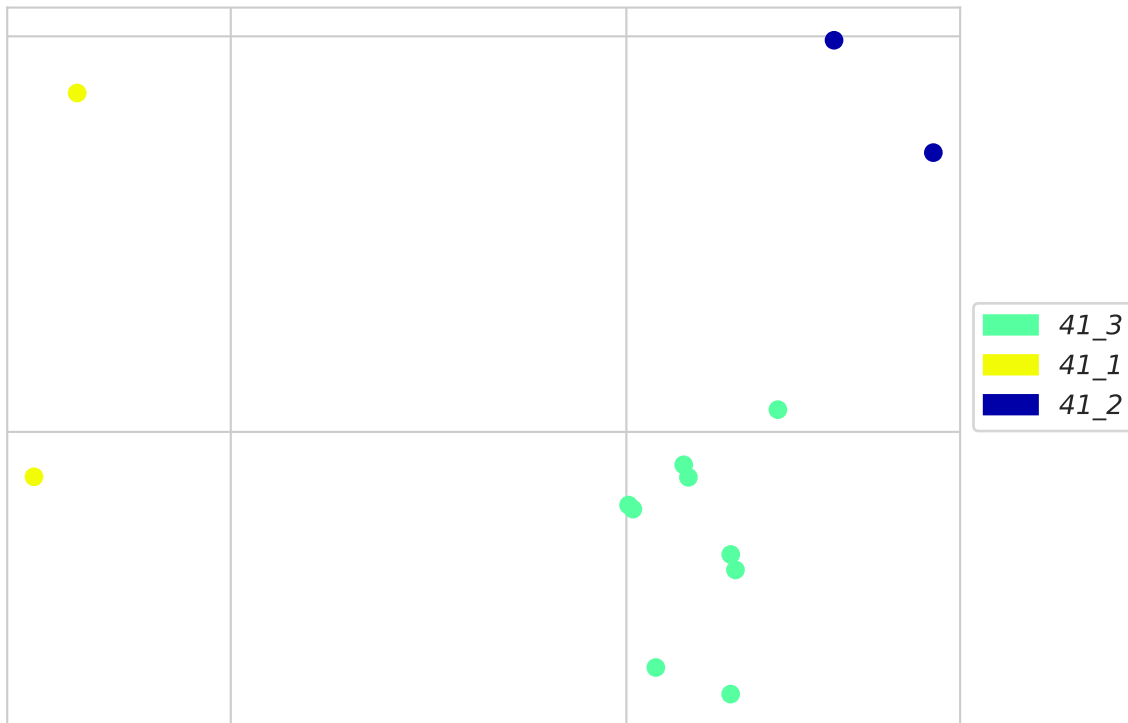
 38\_1

Primary cluster 39; grid spacing: 1.0% ANI

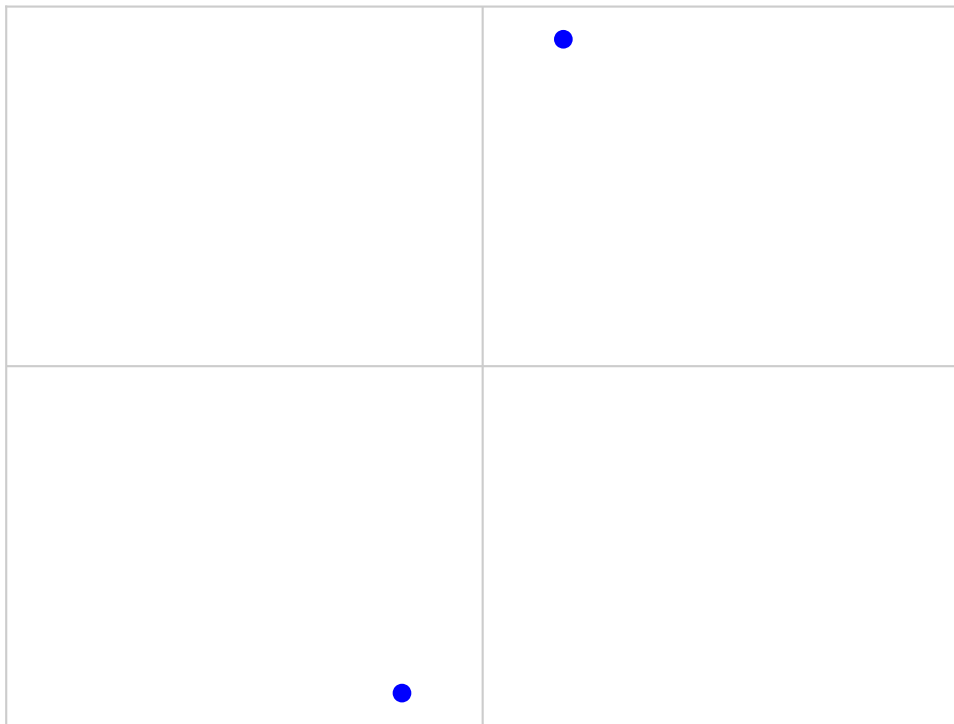


39\_1

Primary cluster 41; grid spacing: 1.0% ANI

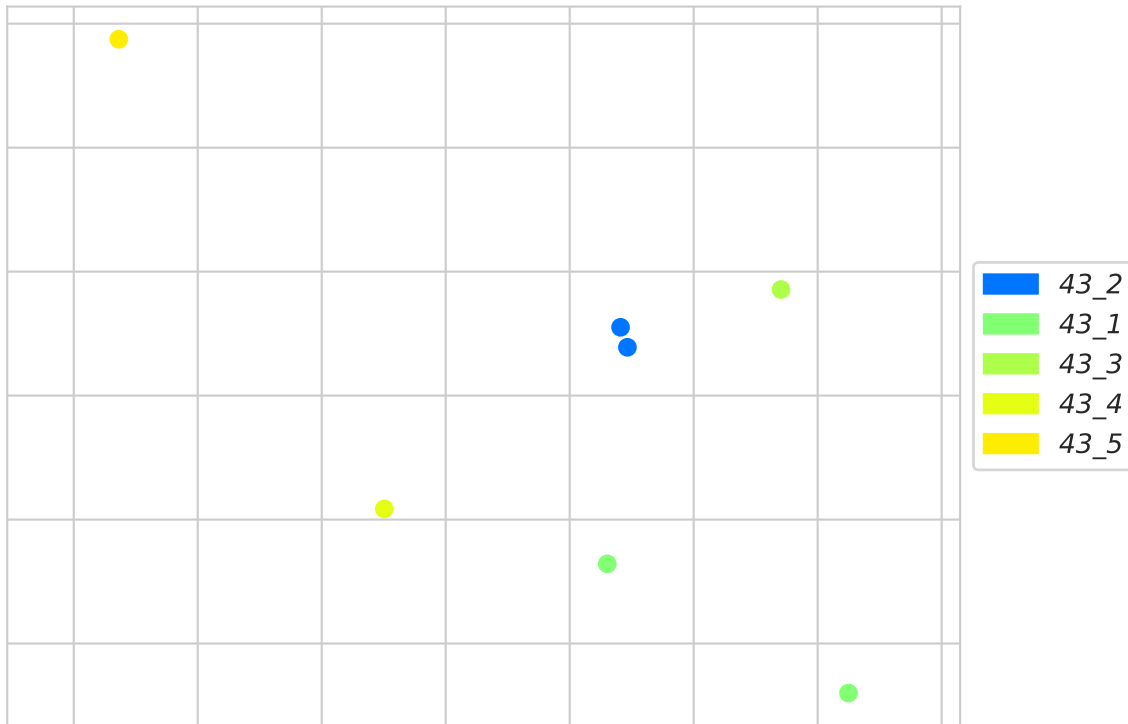


Primary cluster 42; grid spacing: 1.0% ANI

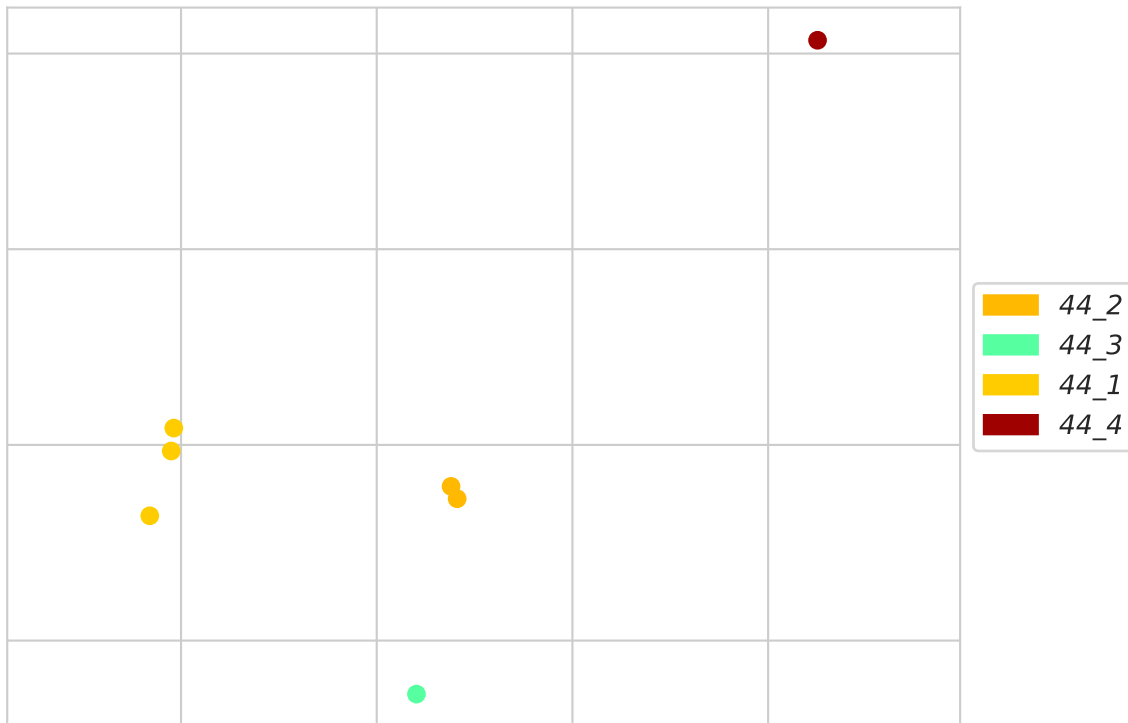


42\_1

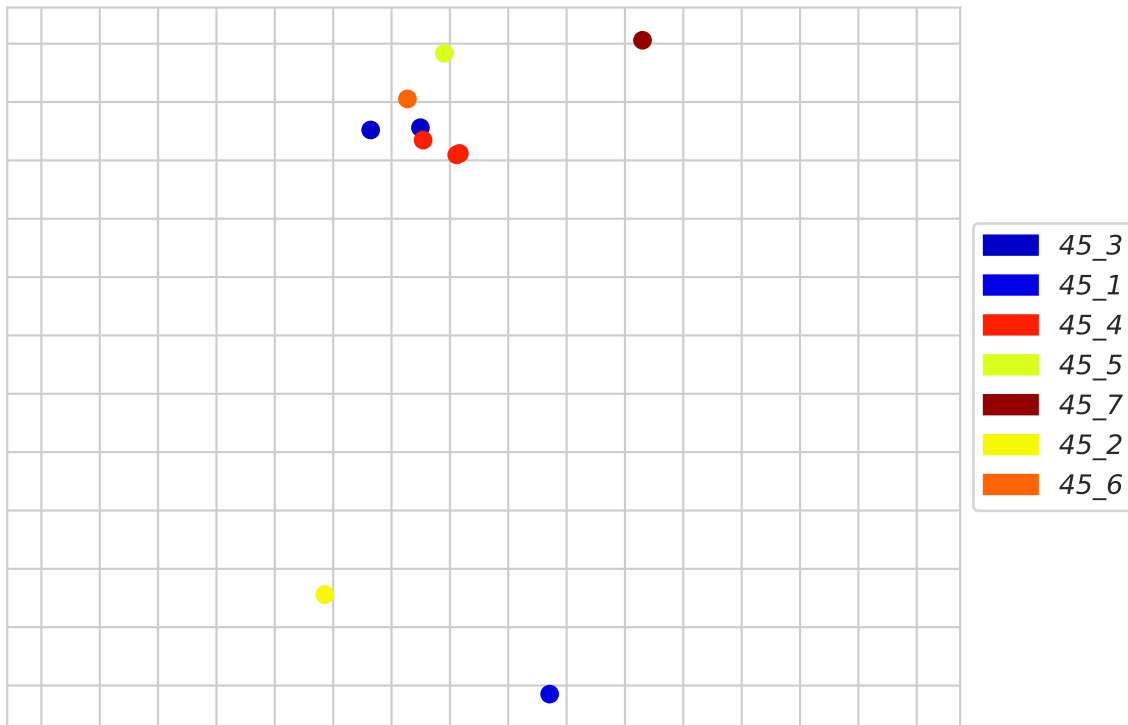
Primary cluster 43; grid spacing: 1.0% ANI



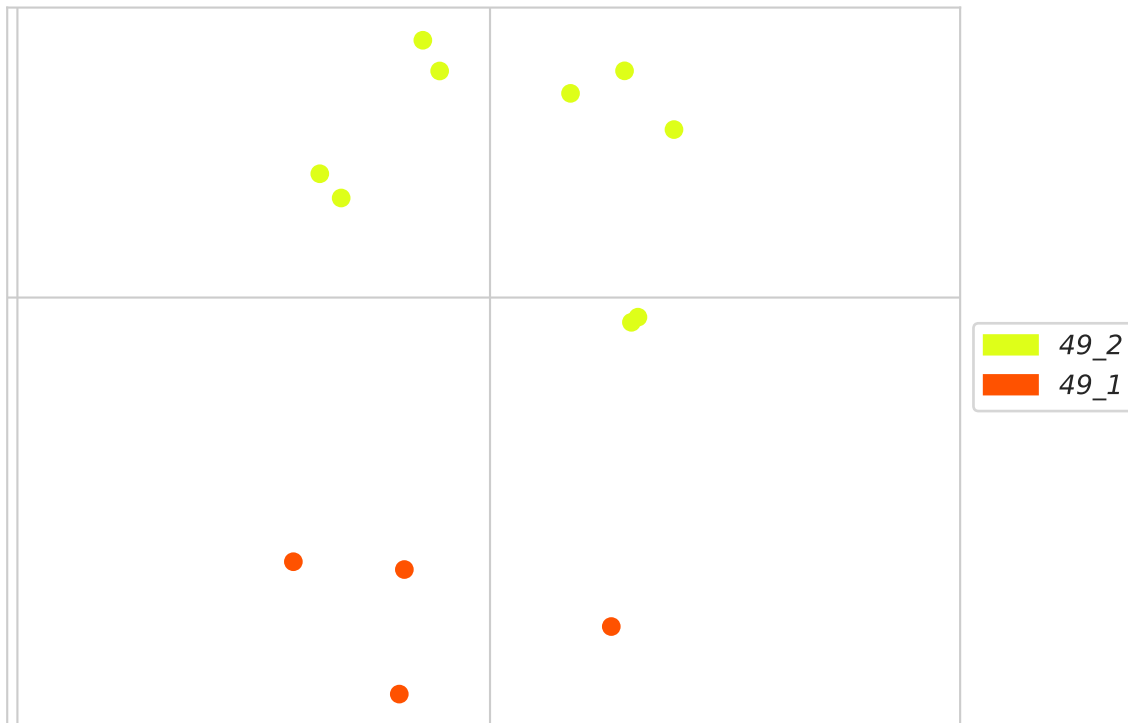
Primary cluster 44; grid spacing: 1.0% ANI



Primary cluster 45; grid spacing: 1.0% ANI



Primary cluster 49; grid spacing: 1.0% ANI





Primary cluster 50; grid spacing: 1.0% ANI



 50\_1

Primary cluster 51; grid spacing: 1.0% ANI



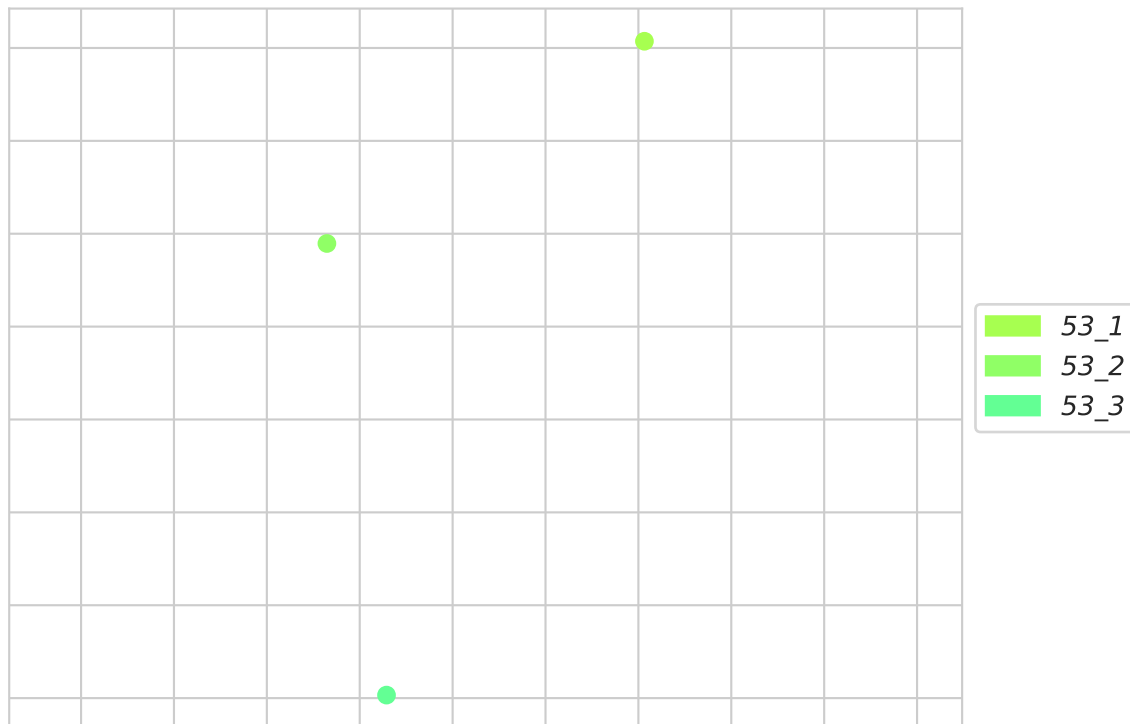
 51\_1

Primary cluster 52; grid spacing: 1.0% ANI

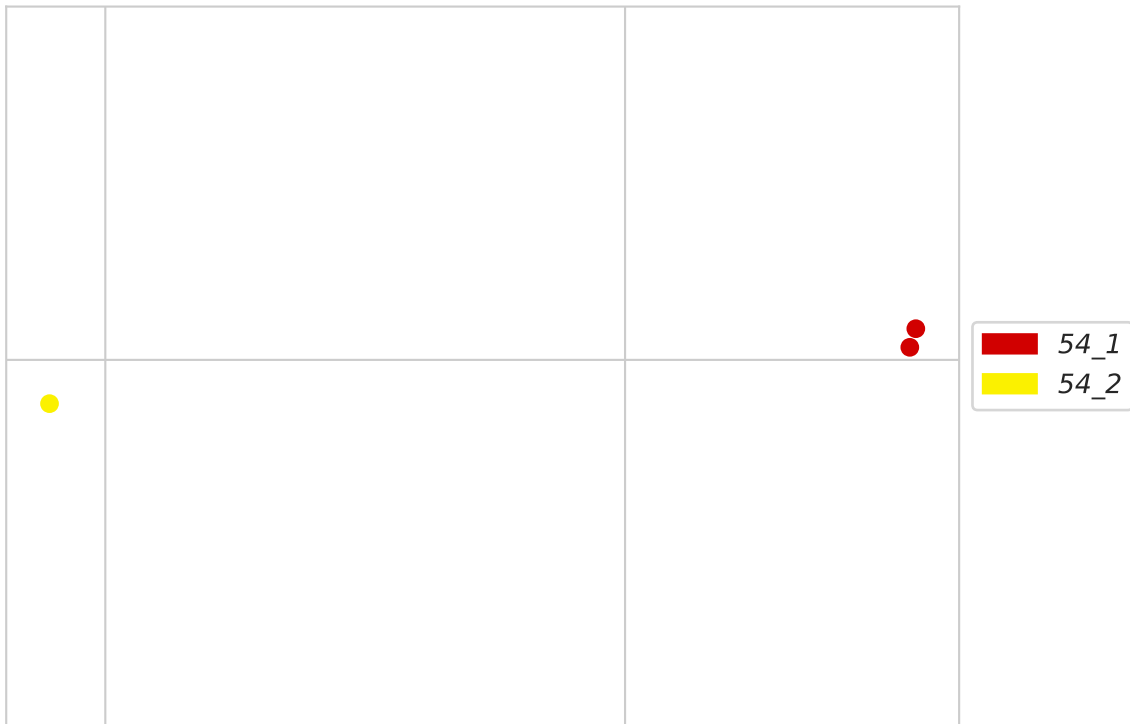


 52\_1

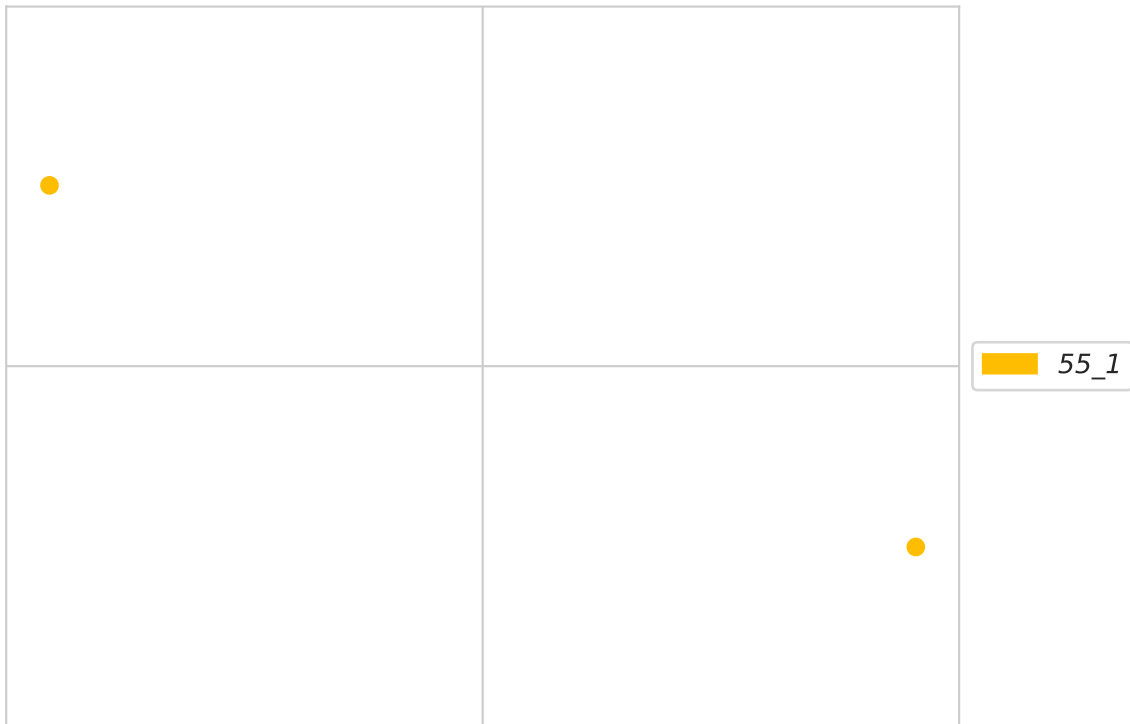
Primary cluster 53; grid spacing: 1.0% ANI



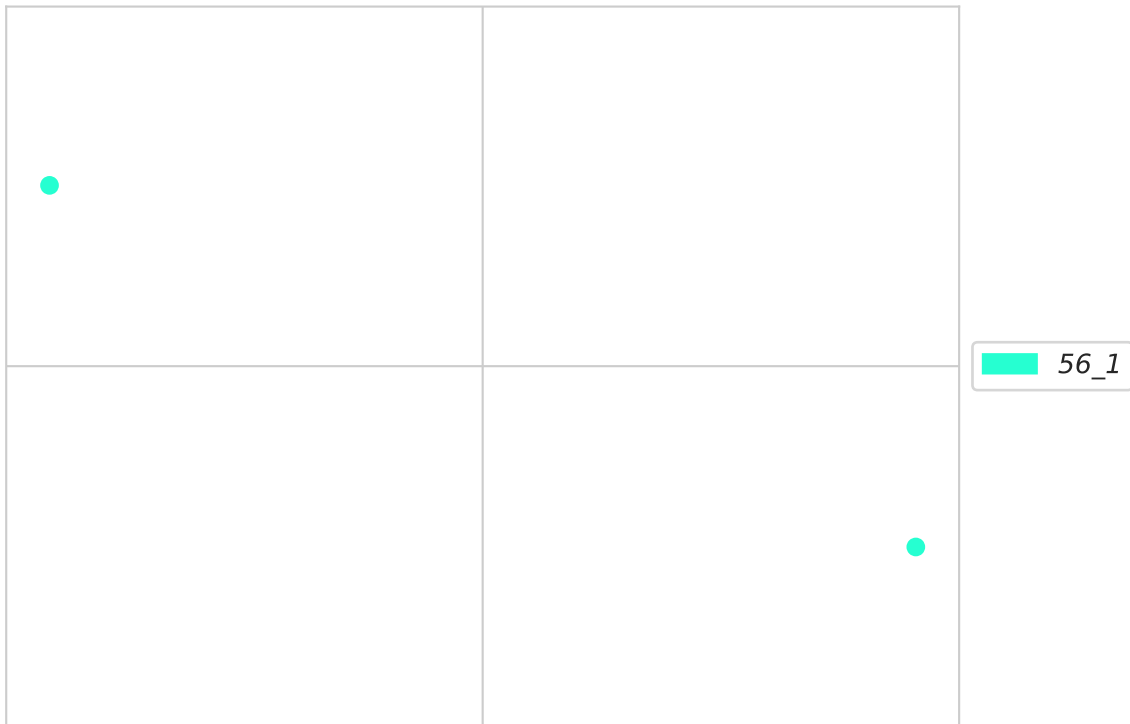
# Primary cluster 54; grid spacing: 1.0% ANI



Primary cluster 55; grid spacing: 1.0% ANI



# Primary cluster 56; grid spacing: 1.0% ANI

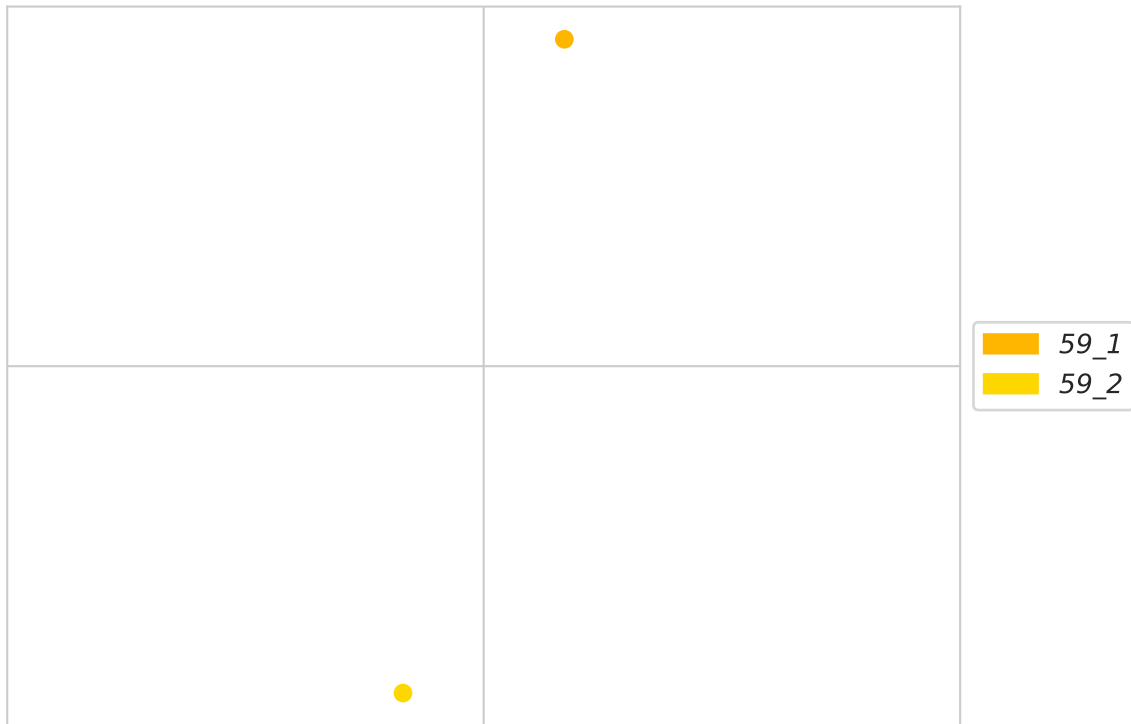


Primary cluster 58; grid spacing: 1.0% ANI

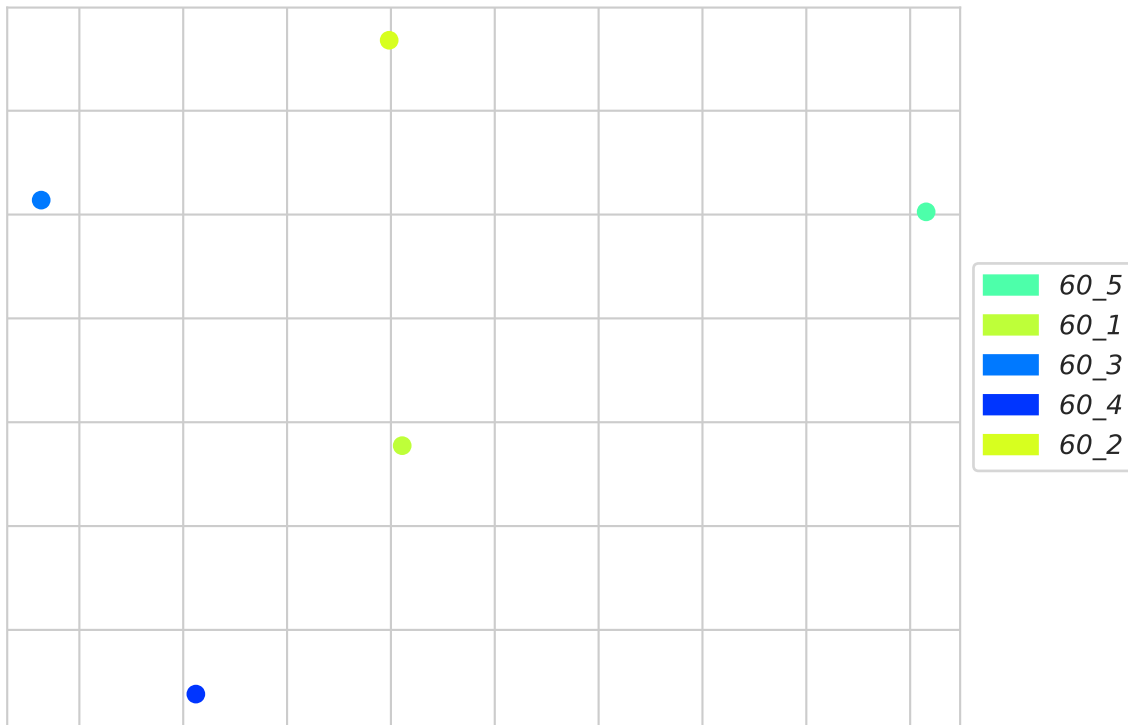




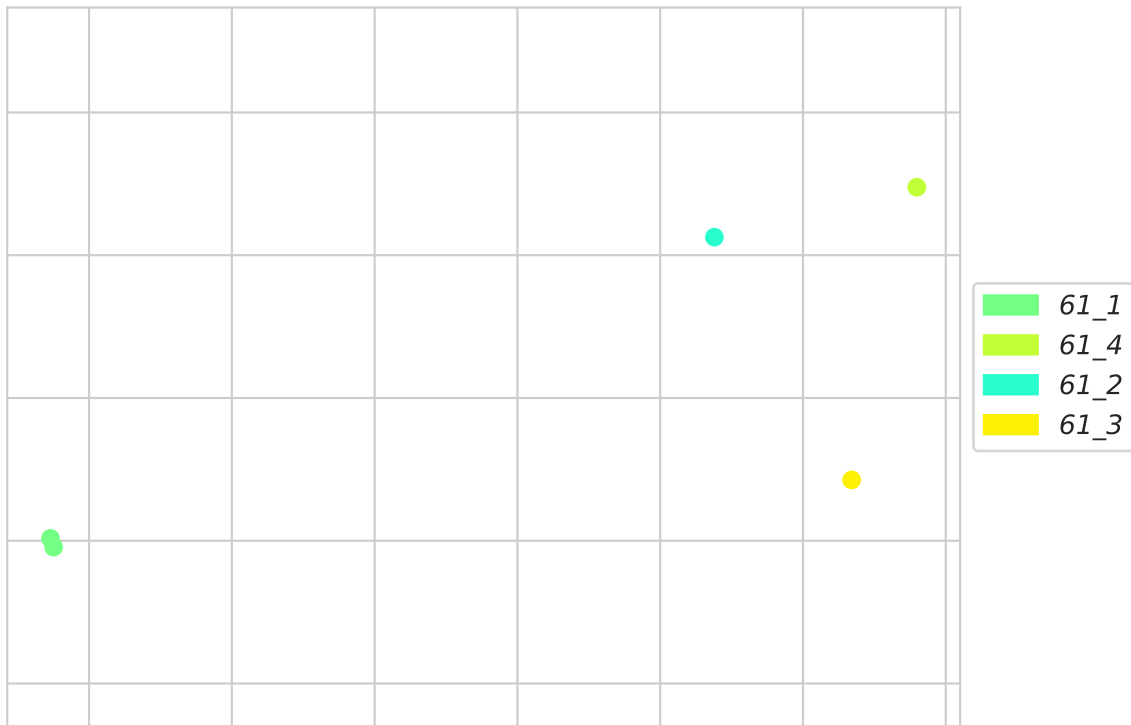
# Primary cluster 59; grid spacing: 1.0% ANI



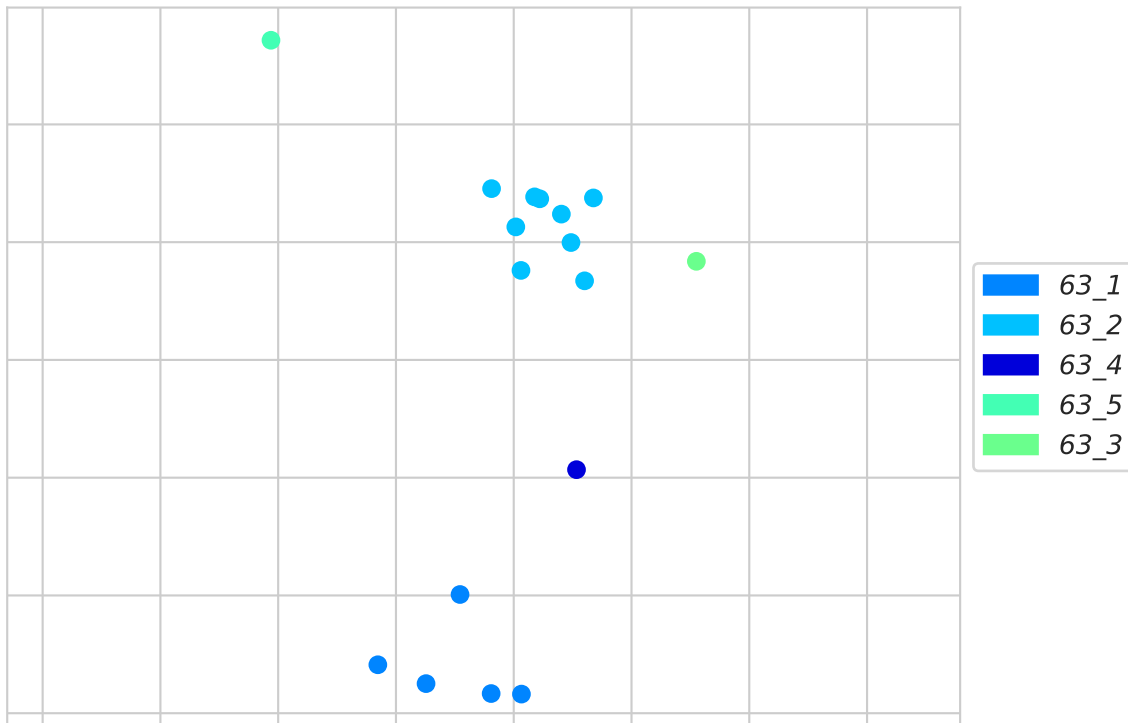
Primary cluster 60; grid spacing: 1.0% ANI



Primary cluster 61; grid spacing: 1.0% ANI



Primary cluster 63; grid spacing: 1.0% ANI

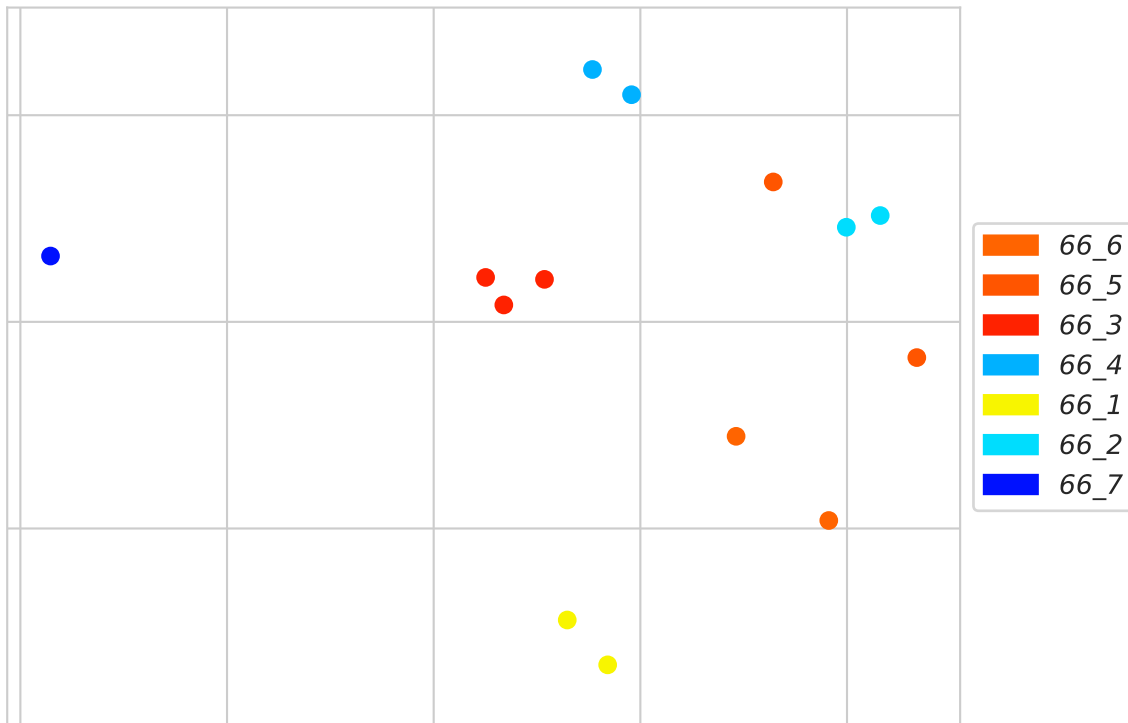


Primary cluster 65; grid spacing: 1.0% ANI

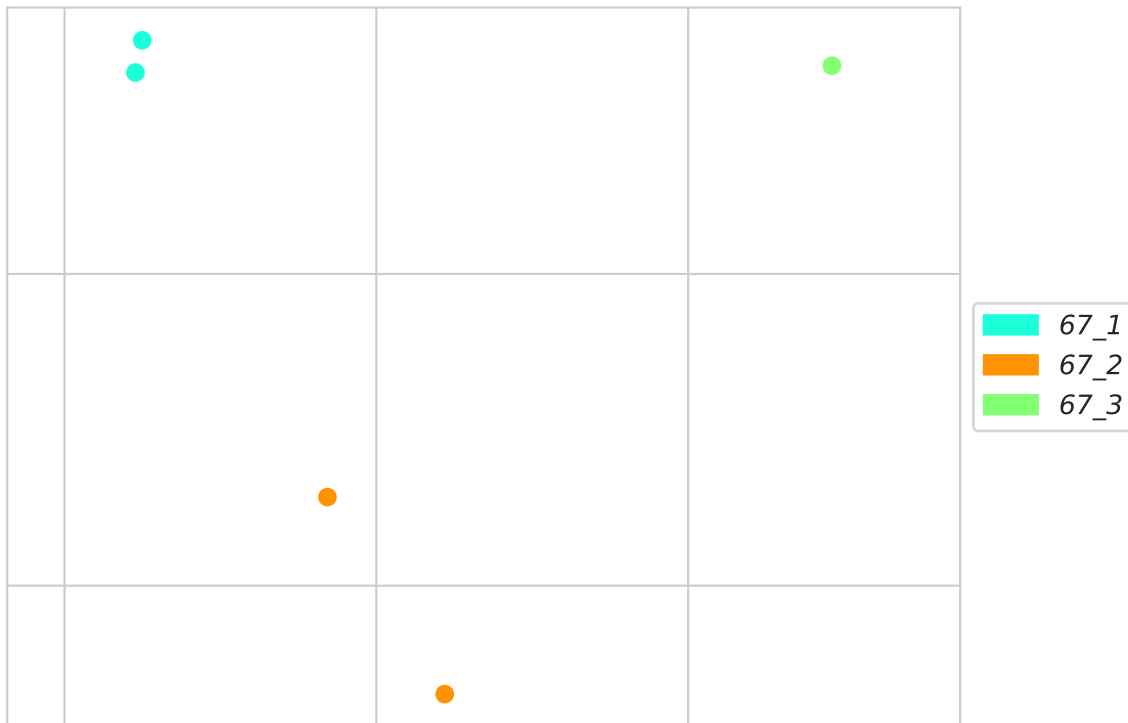


65\_1

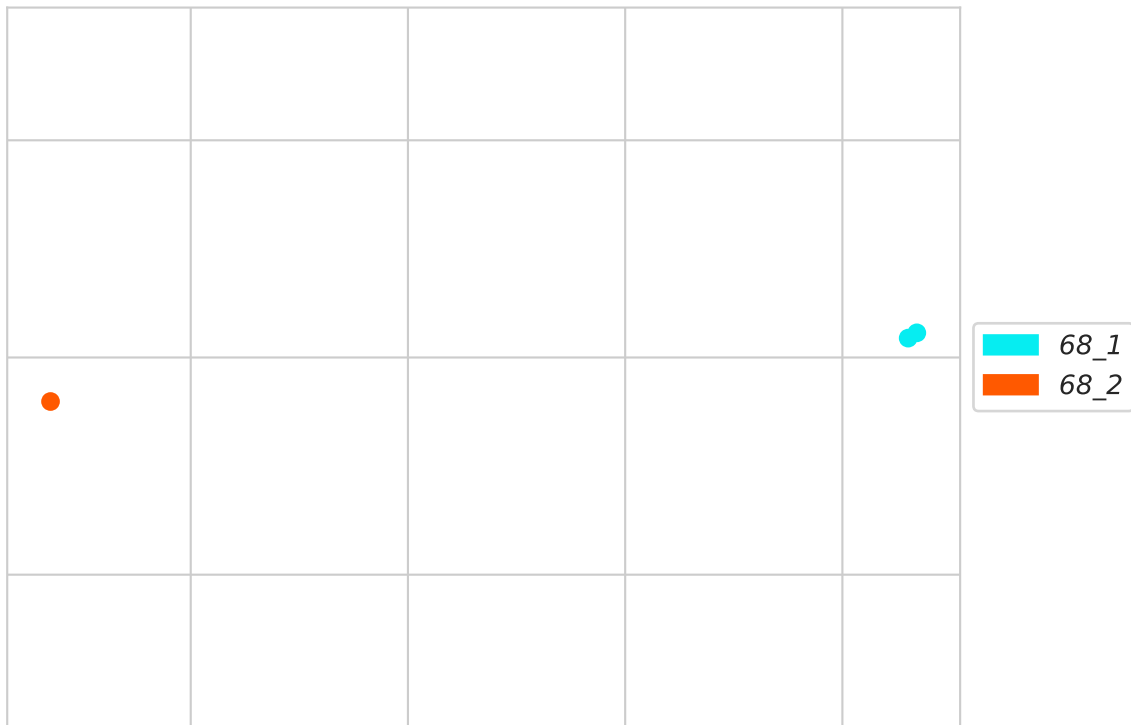
Primary cluster 66; grid spacing: 1.0% ANI



Primary cluster 67; grid spacing: 1.0% ANI

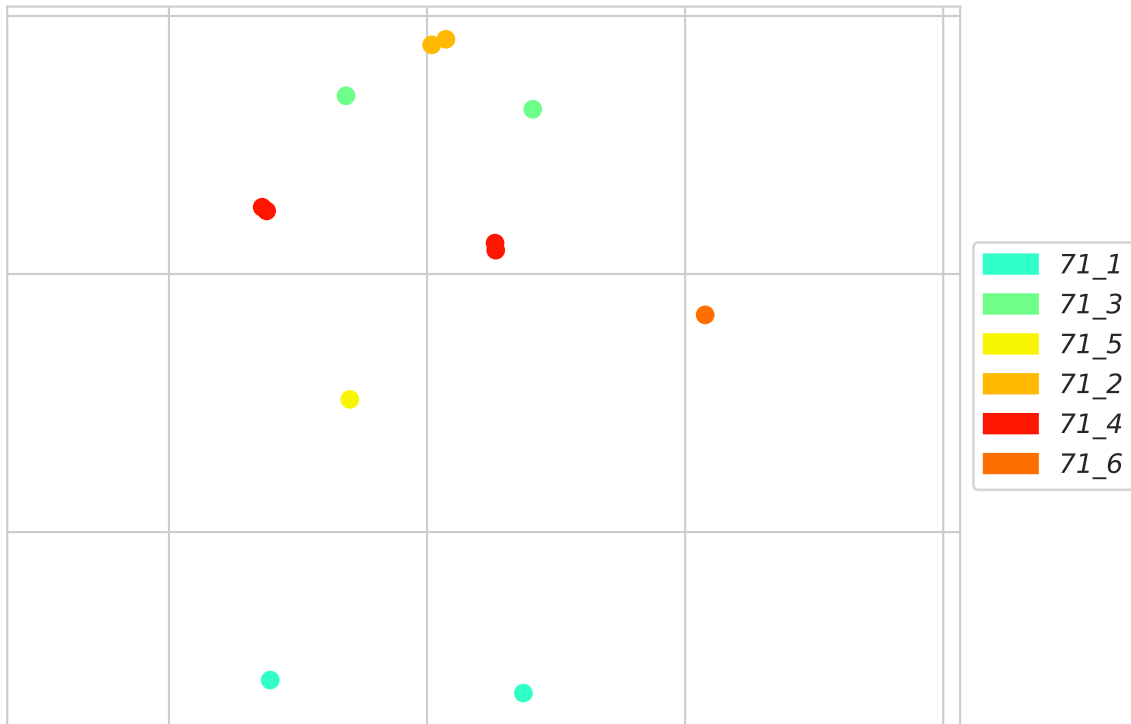


Primary cluster 68; grid spacing: 1.0% ANI

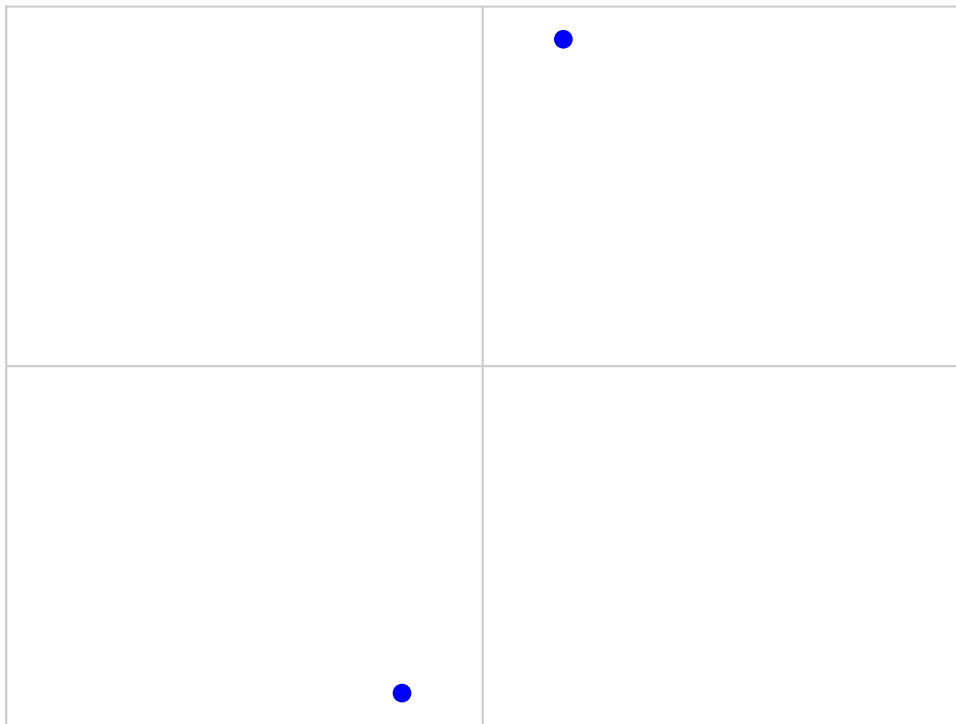




Primary cluster 71; grid spacing: 1.0% ANI

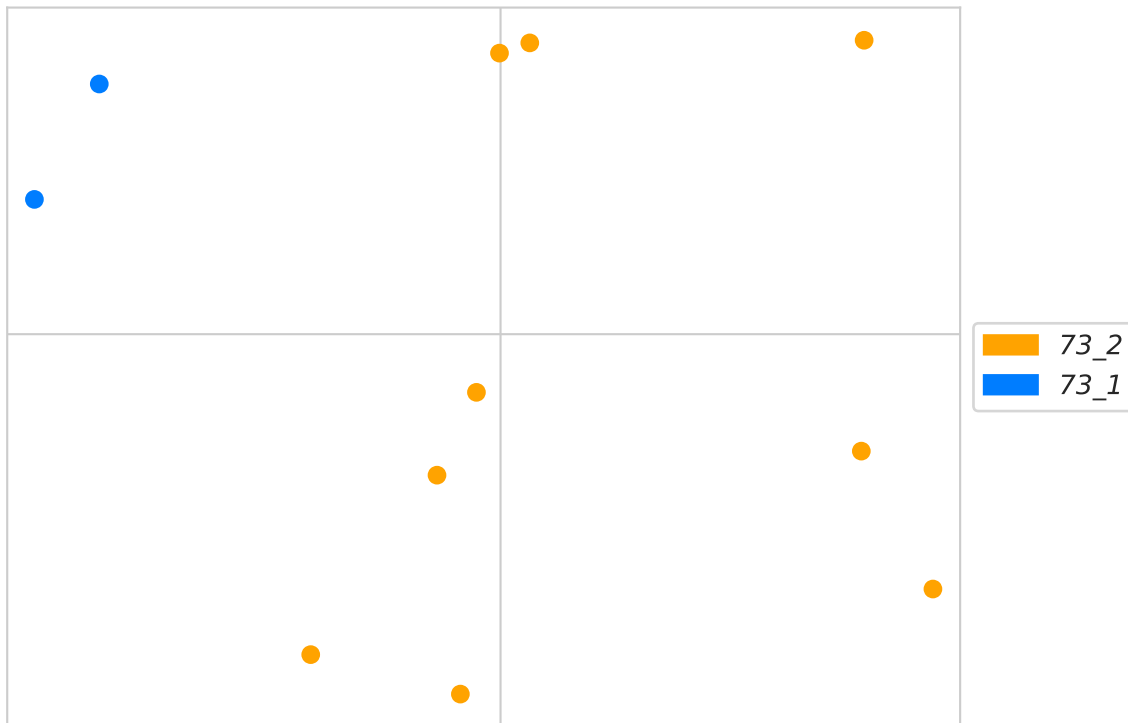


Primary cluster 72; grid spacing: 1.0% ANI

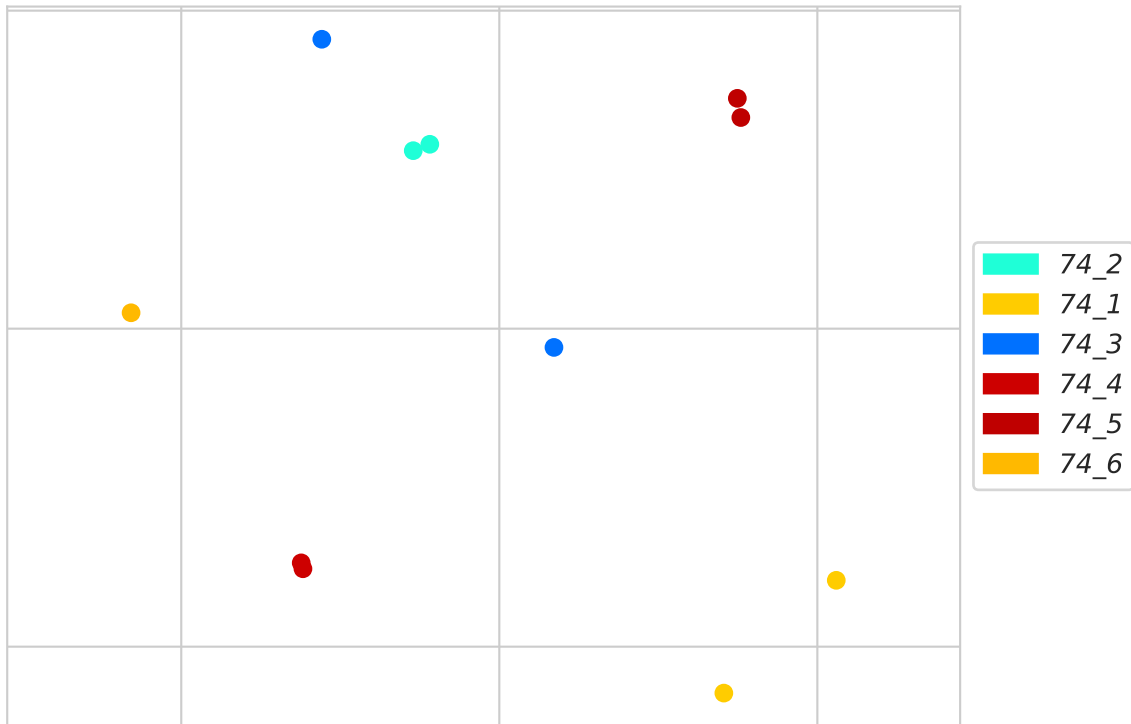


72\_1

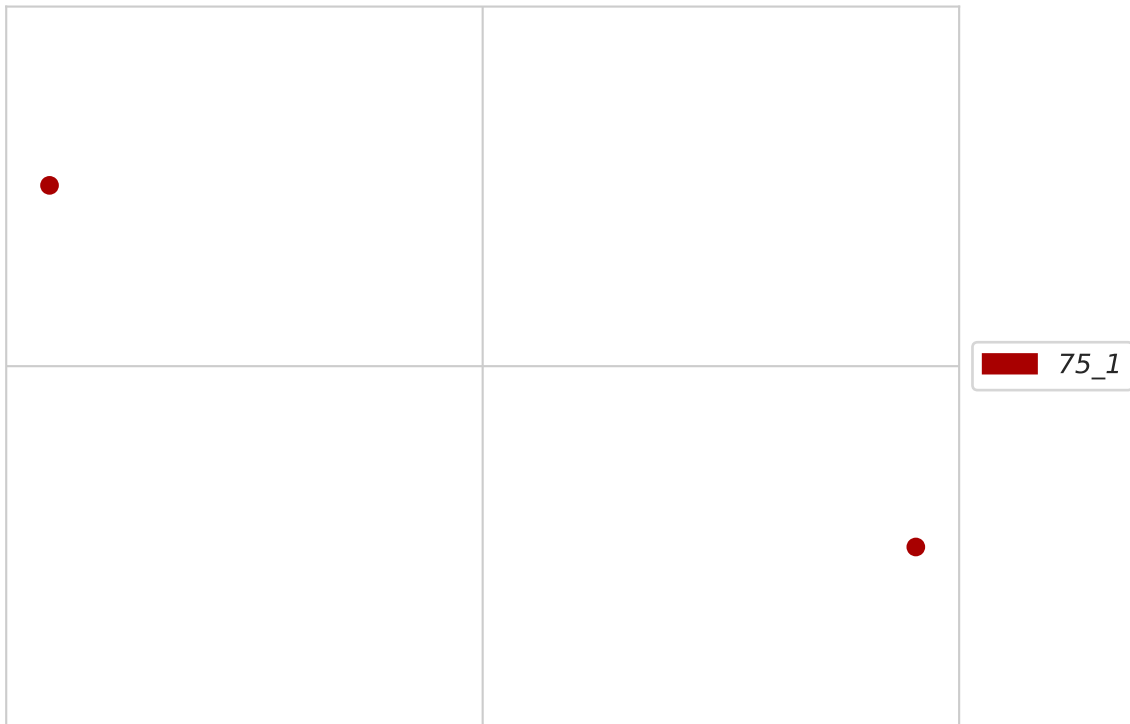
Primary cluster 73; grid spacing: 1.0% ANI



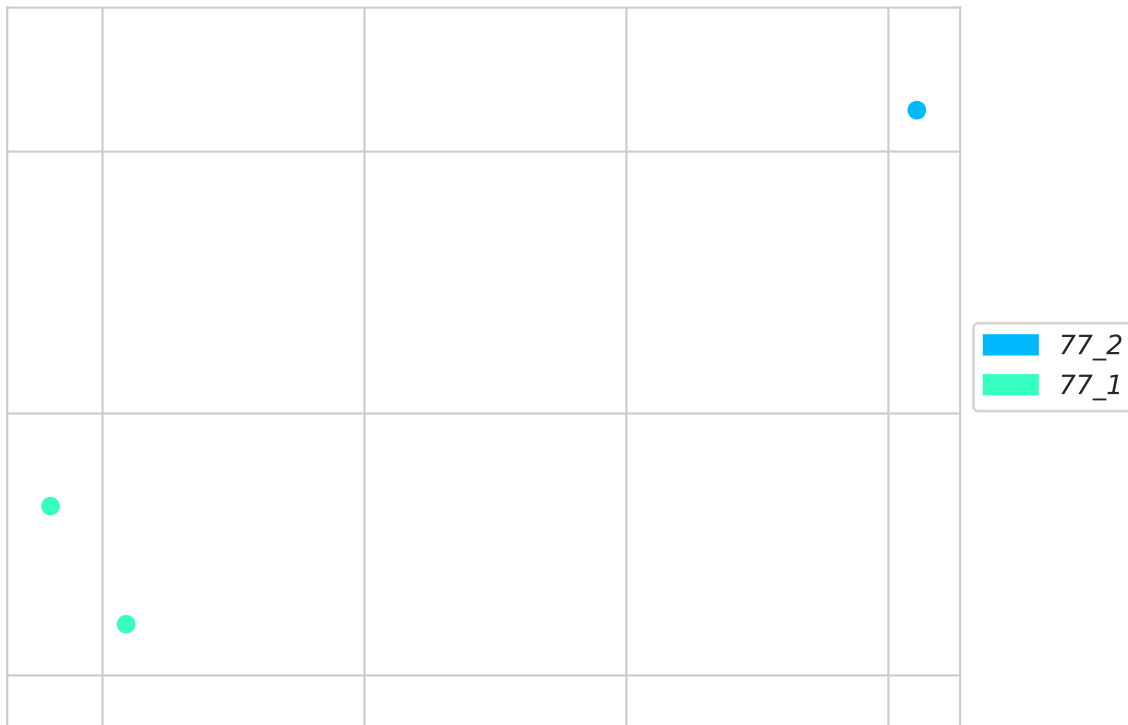
Primary cluster 74; grid spacing: 1.0% ANI



Primary cluster 75; grid spacing: 1.0% ANI



Primary cluster 77; grid spacing: 1.0% ANI



Primary cluster 79; grid spacing: 1.0% ANI



79\_1

Primary cluster 80; grid spacing: 1.0% ANI

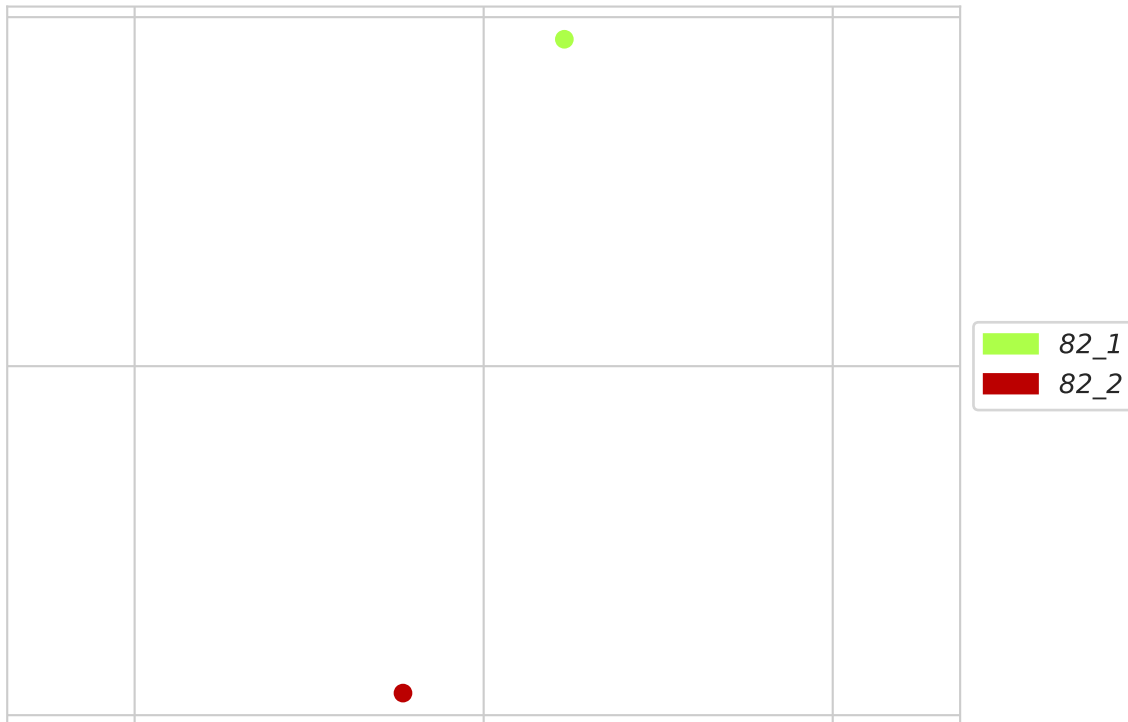




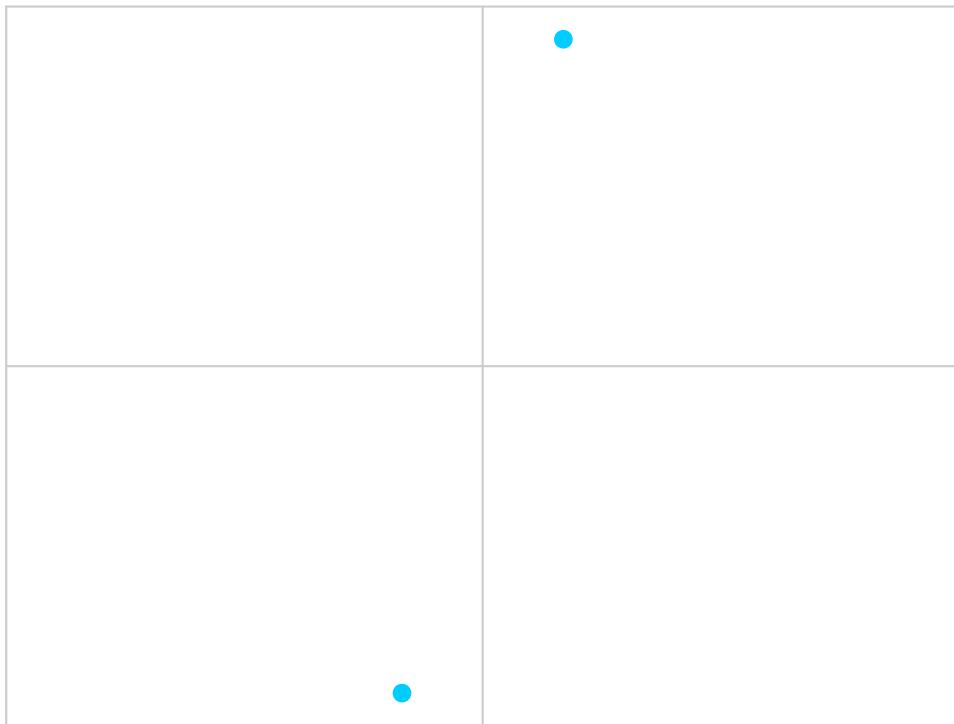
Primary cluster 81; grid spacing: 1.0% ANI



# Primary cluster 82; grid spacing: 1.0% ANI

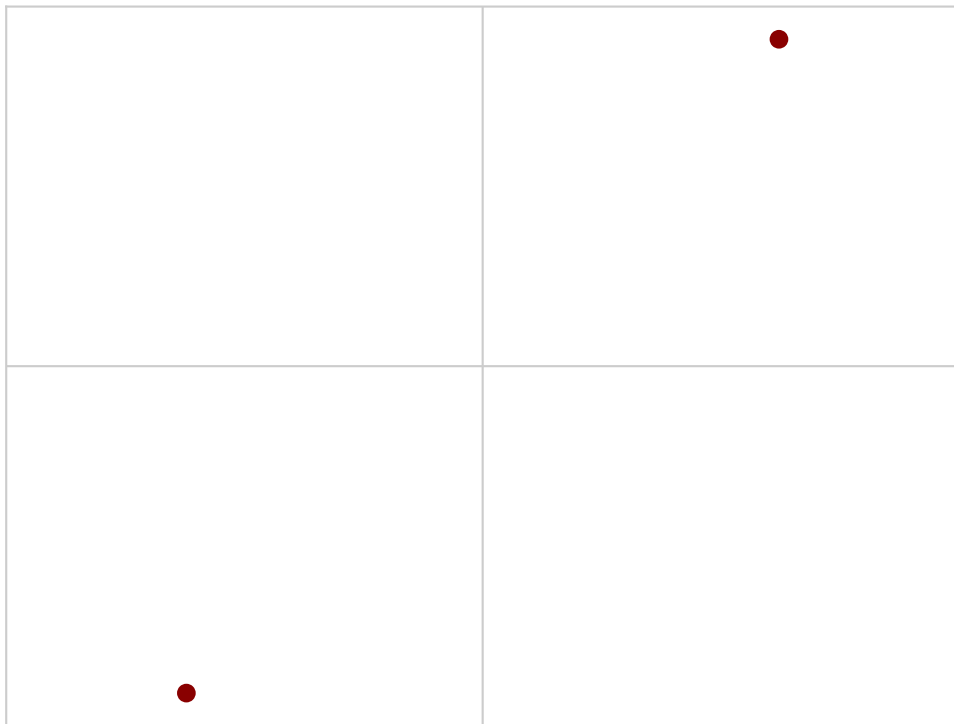


Primary cluster 83; grid spacing: 1.0% ANI



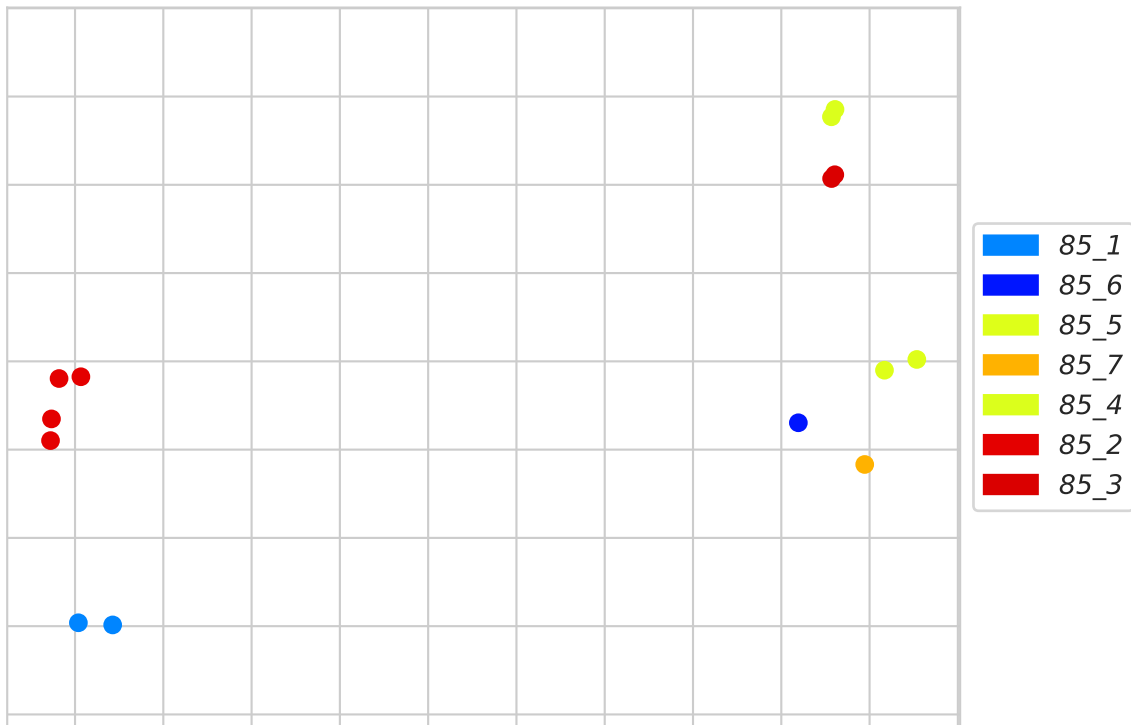
83\_1

Primary cluster 84; grid spacing: 1.0% ANI

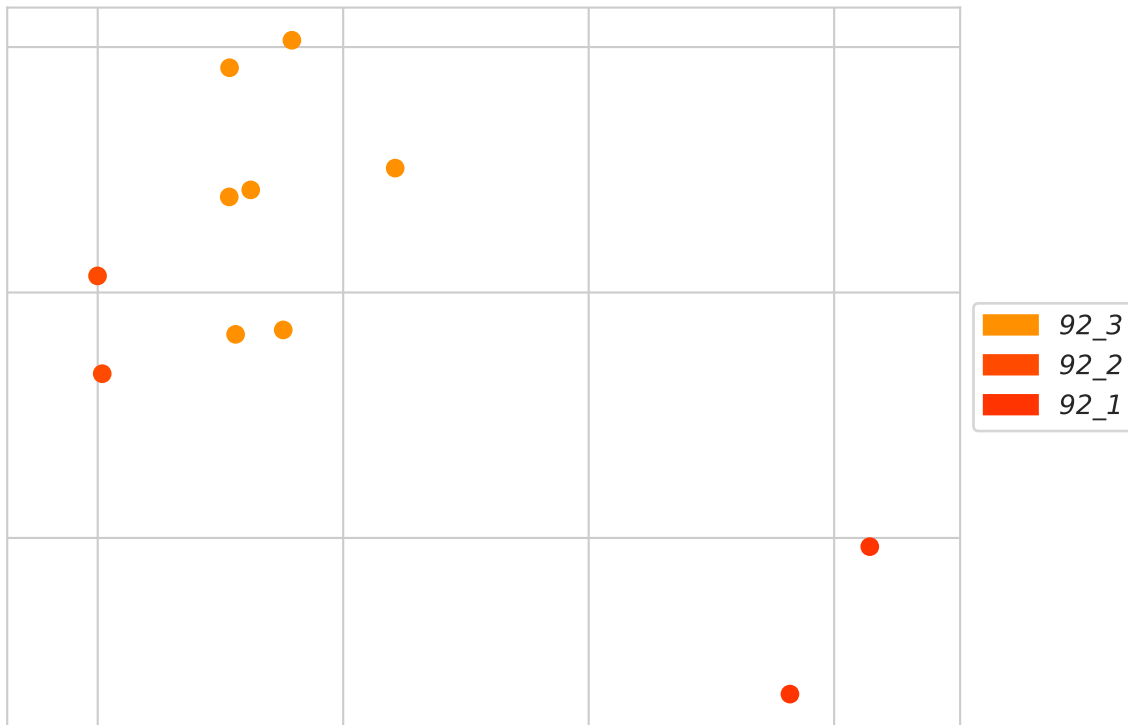


84\_1

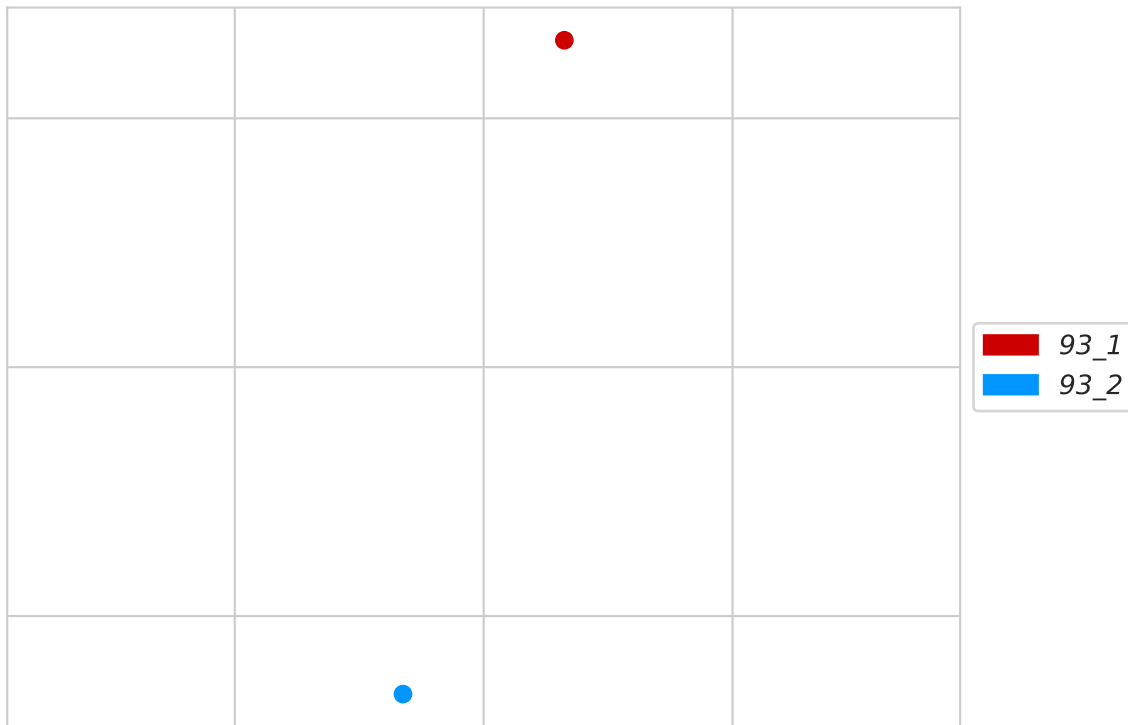
Primary cluster 85; grid spacing: 1.0% ANI



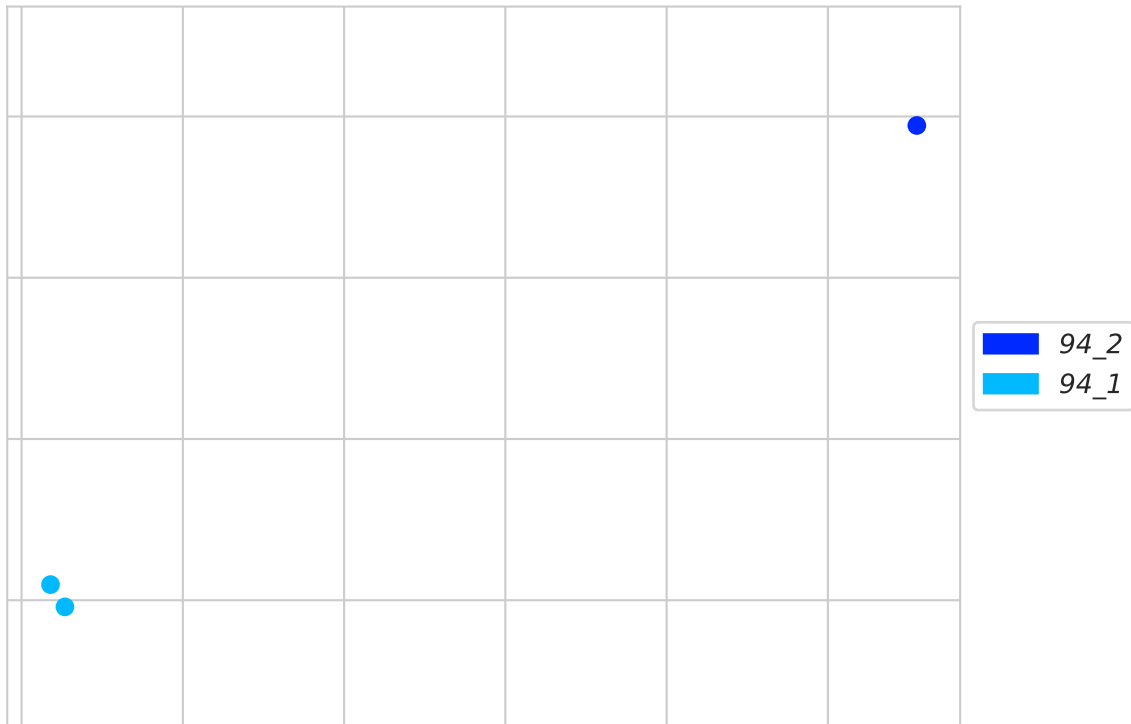
Primary cluster 92; grid spacing: 1.0% ANI



Primary cluster 93; grid spacing: 1.0% ANI

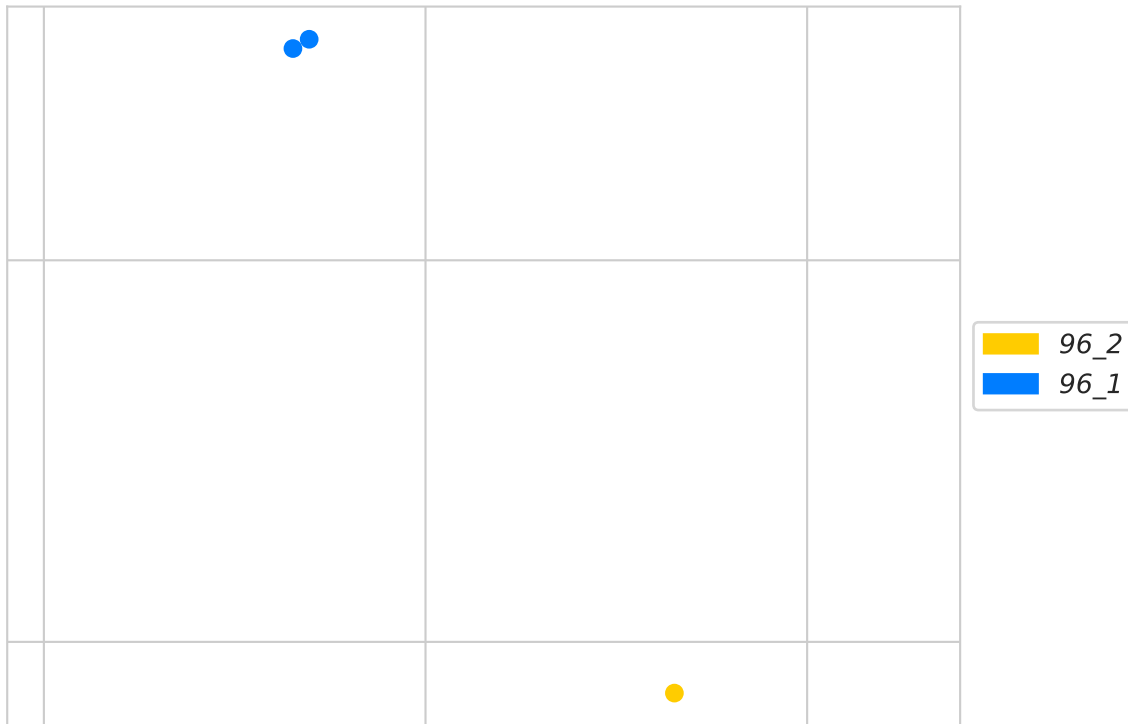


Primary cluster 94; grid spacing: 1.0% ANI

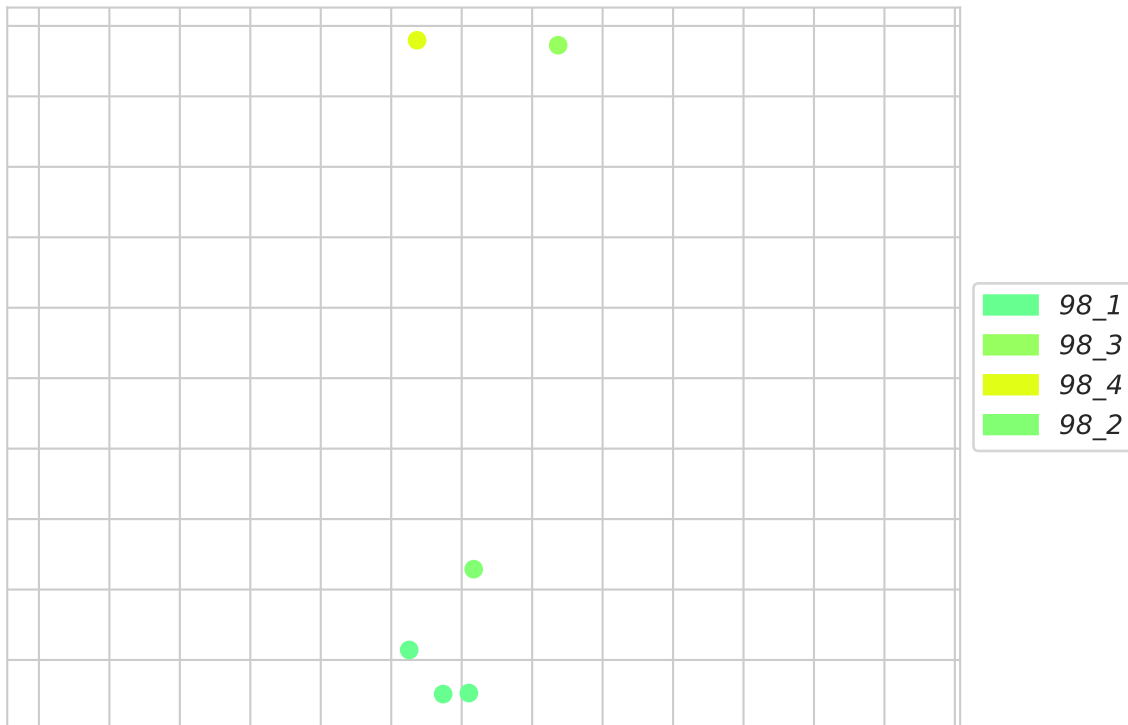




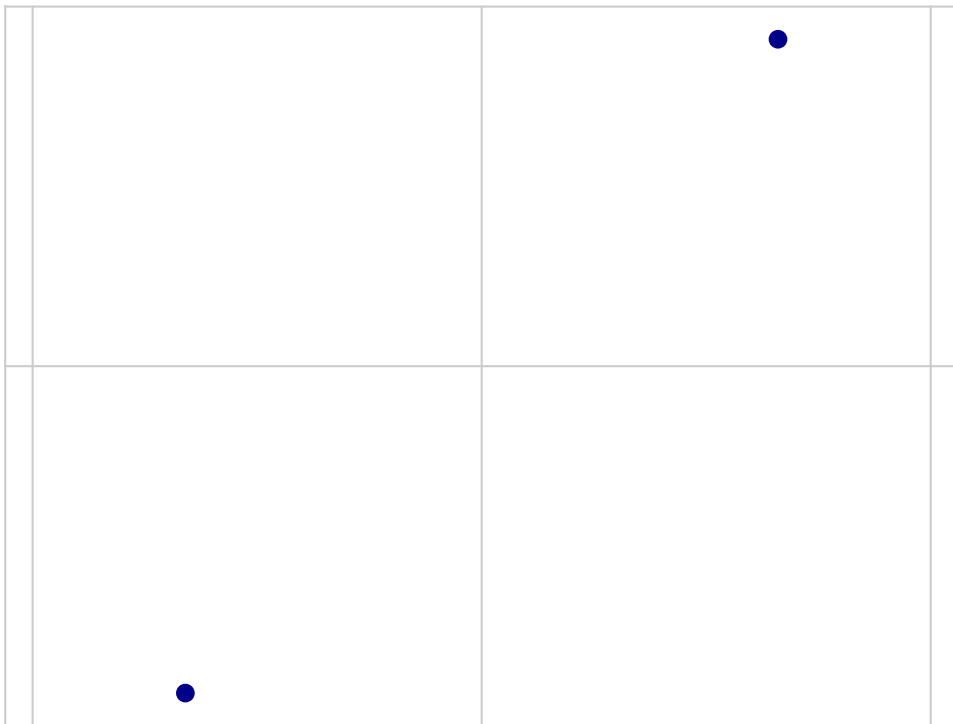
Primary cluster 96; grid spacing: 1.0% ANI



Primary cluster 98; grid spacing: 1.0% ANI

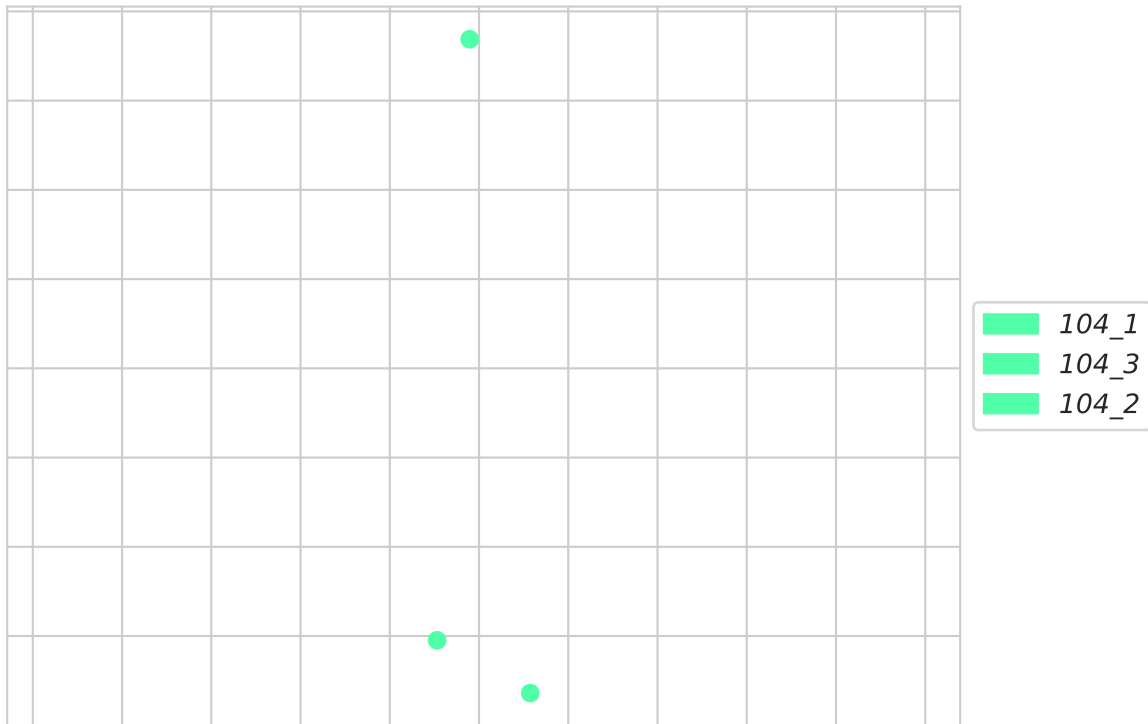


Primary cluster 101; grid spacing: 1.0% ANI

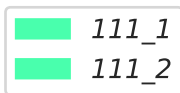
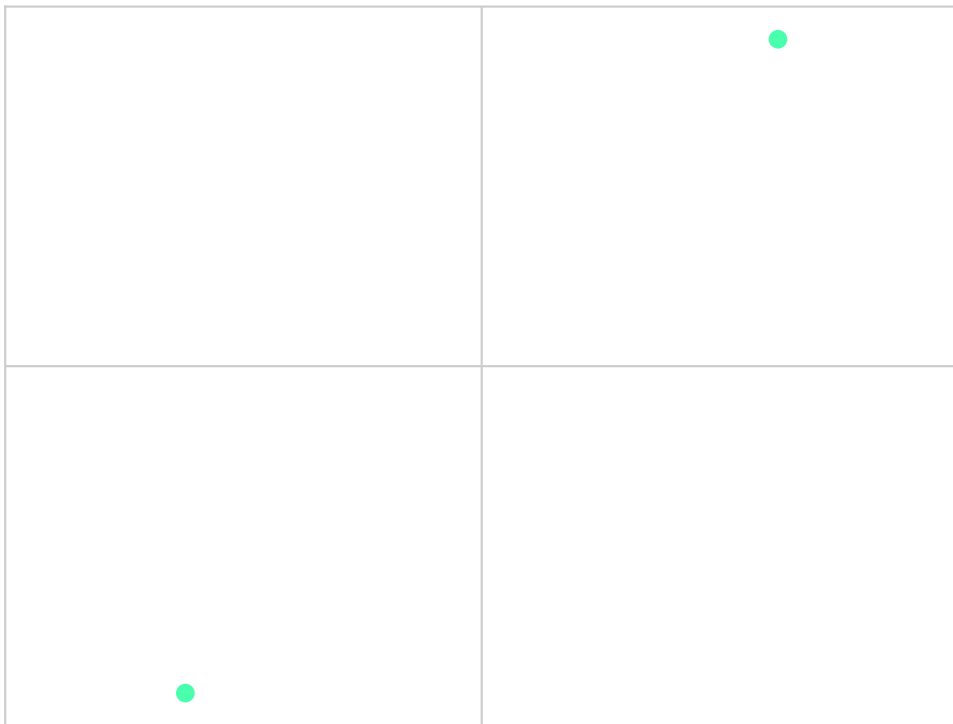


101\_1  
101\_2

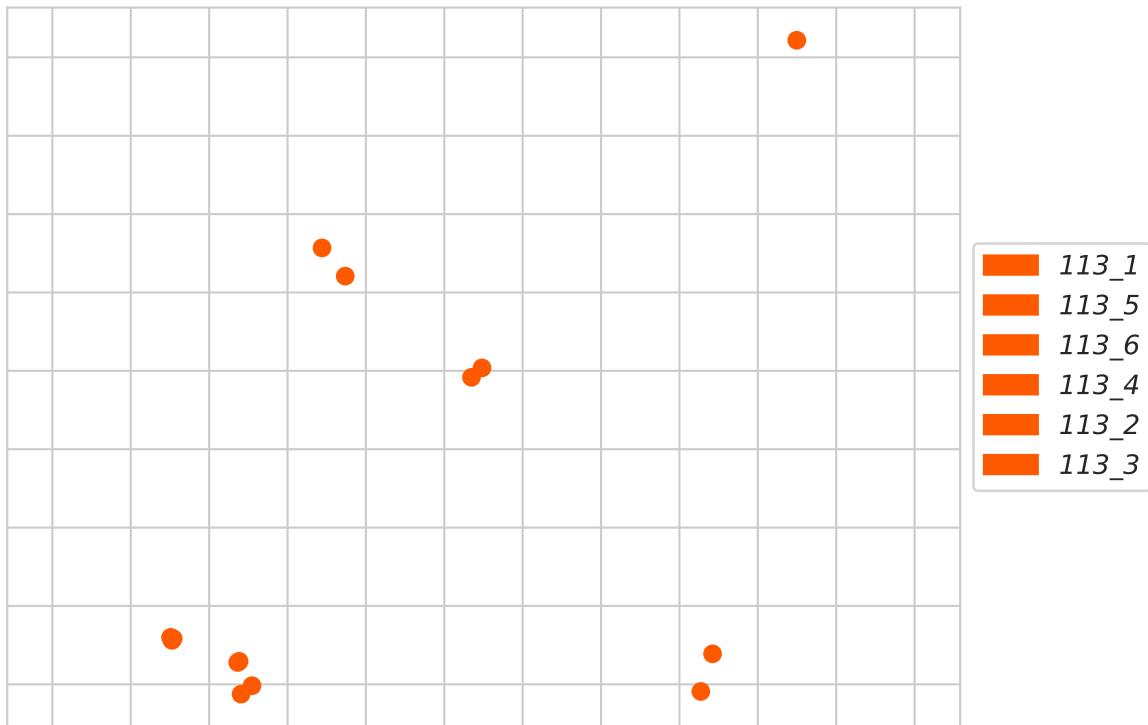
Primary cluster 104; grid spacing: 1.0% ANI



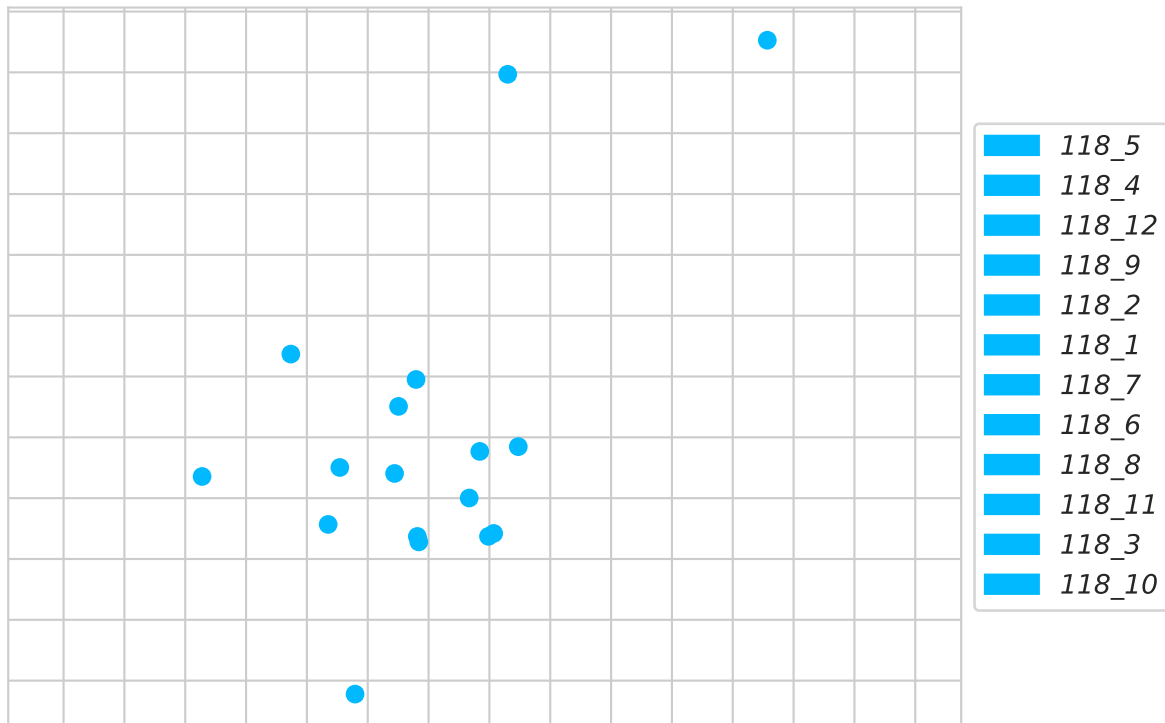
Primary cluster 111; grid spacing: 1.0% ANI



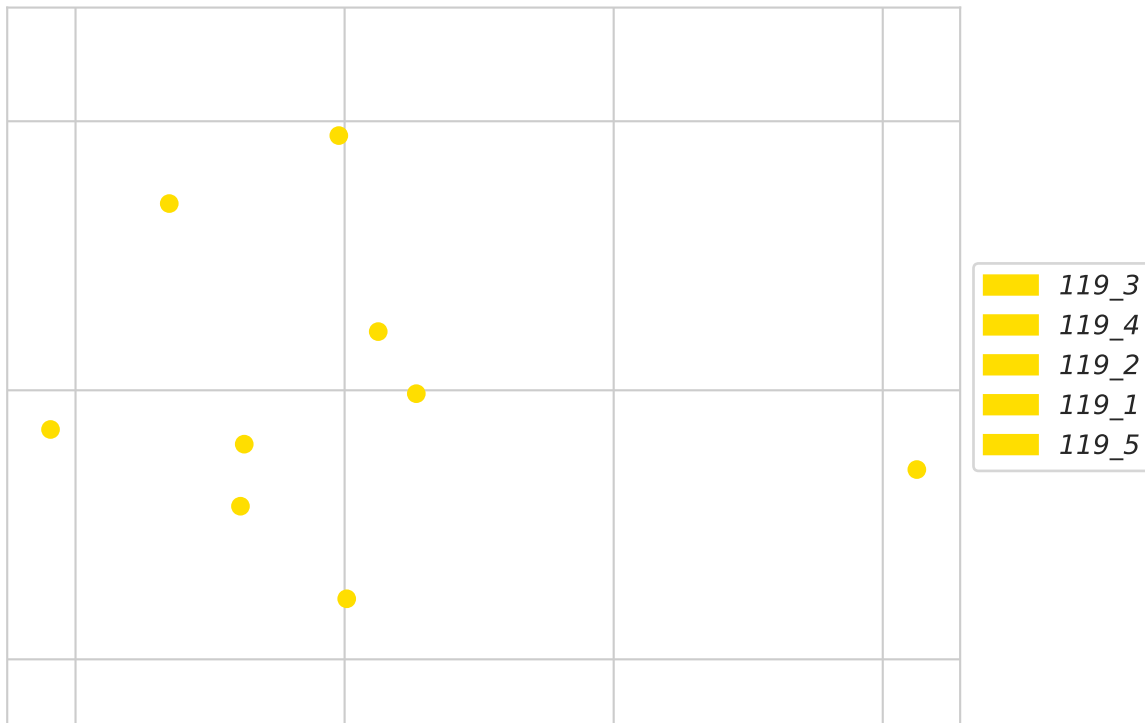
Primary cluster 113; grid spacing: 1.0% ANI



Primary cluster 118; grid spacing: 1.0% ANI

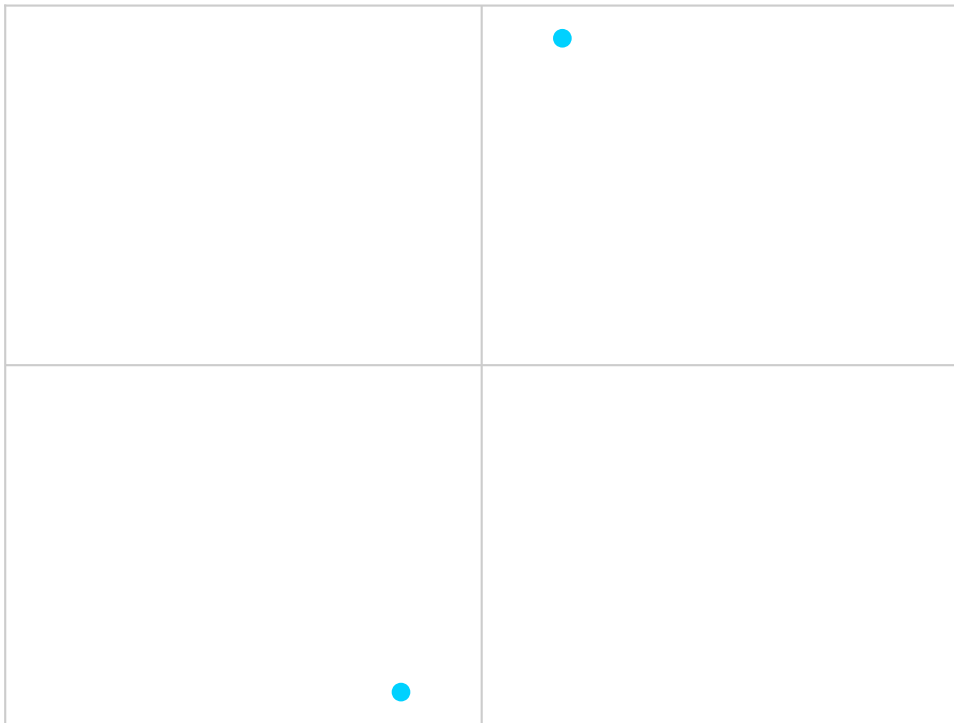


Primary cluster 119; grid spacing: 1.0% ANI



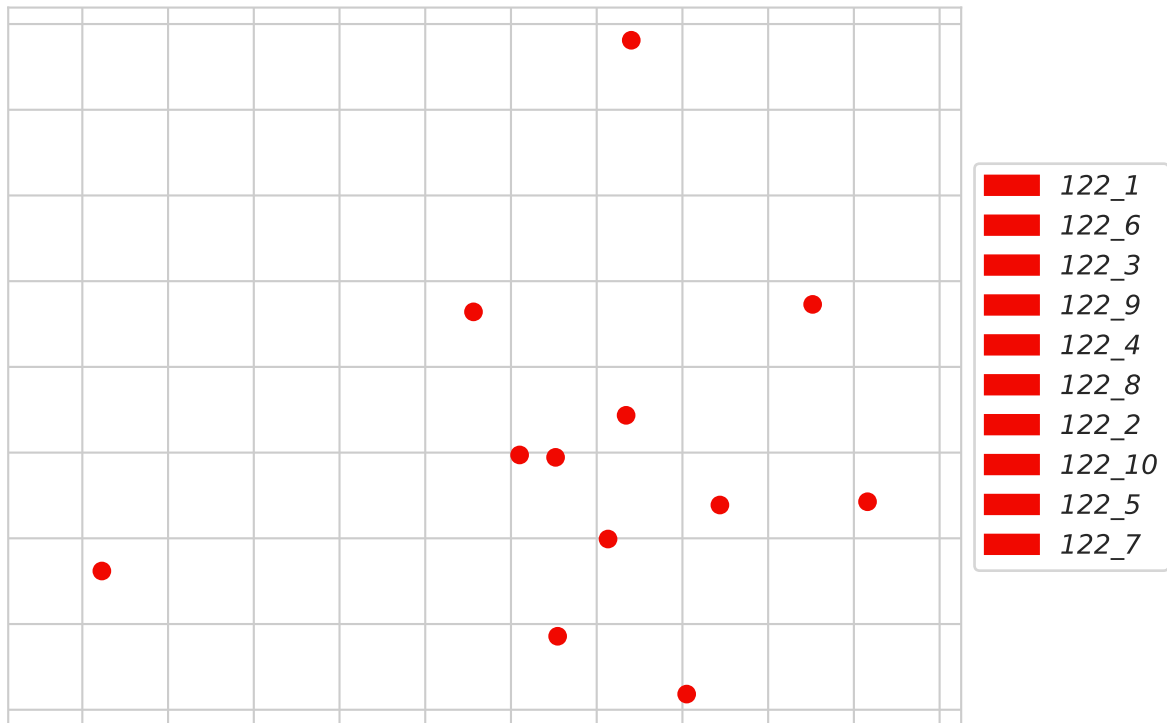


Primary cluster 121; grid spacing: 1.0% ANI

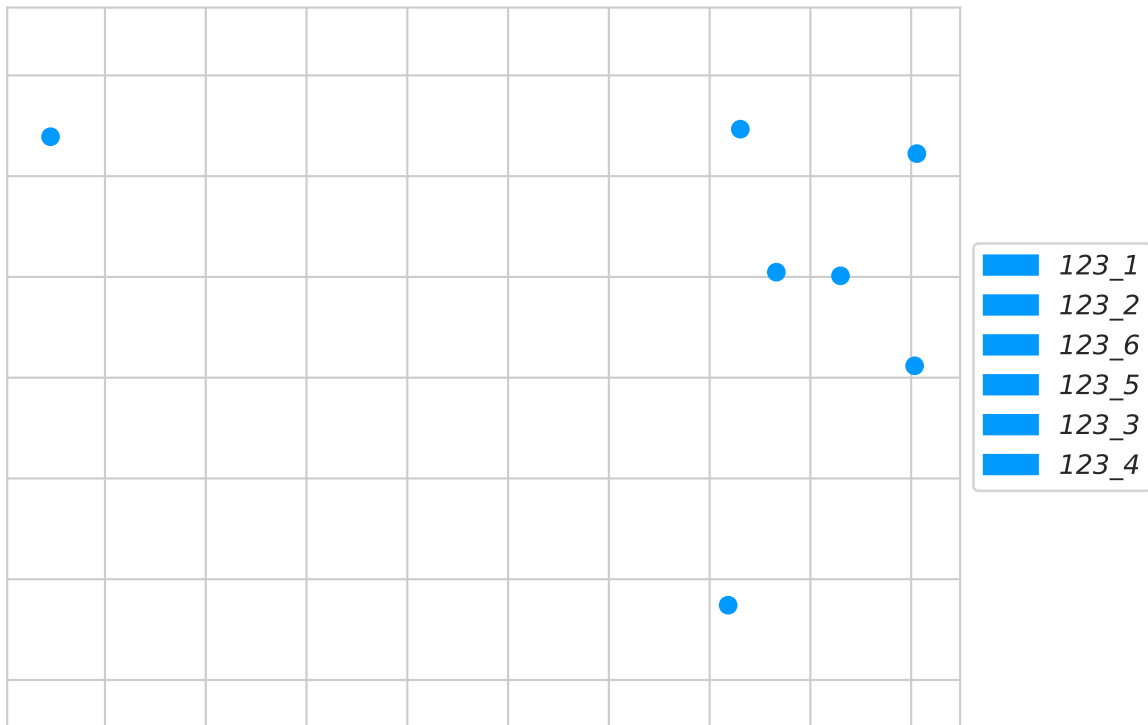


 121\_1

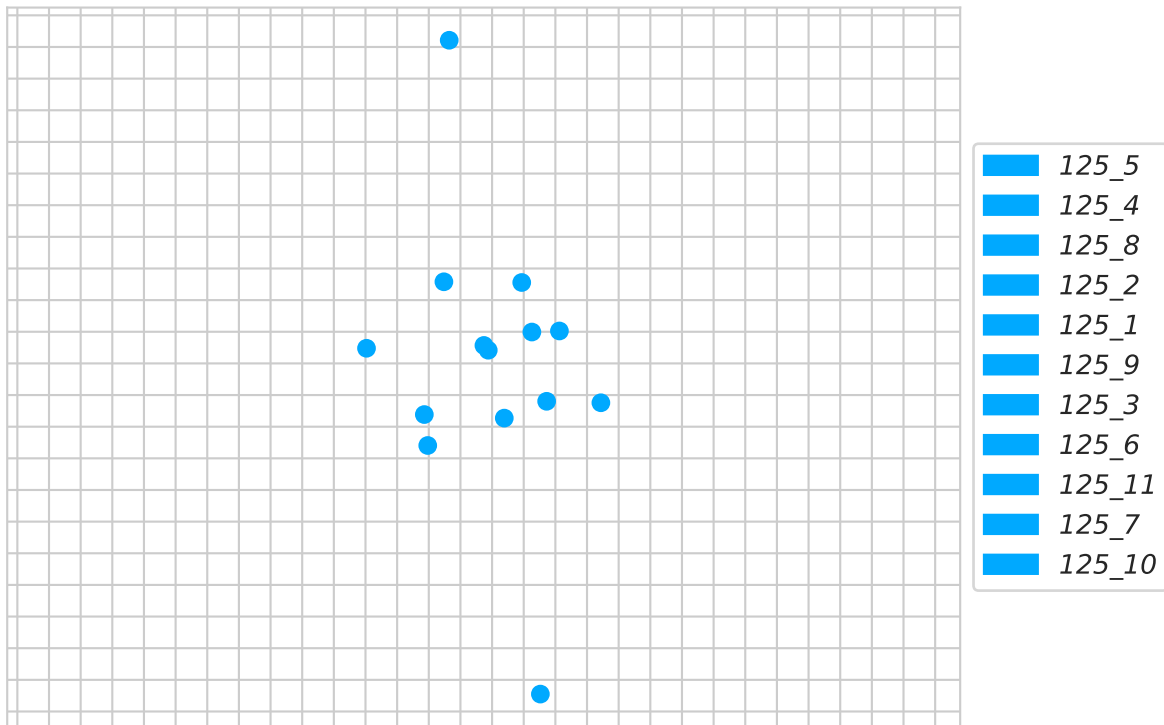
Primary cluster 122; grid spacing: 1.0% ANI



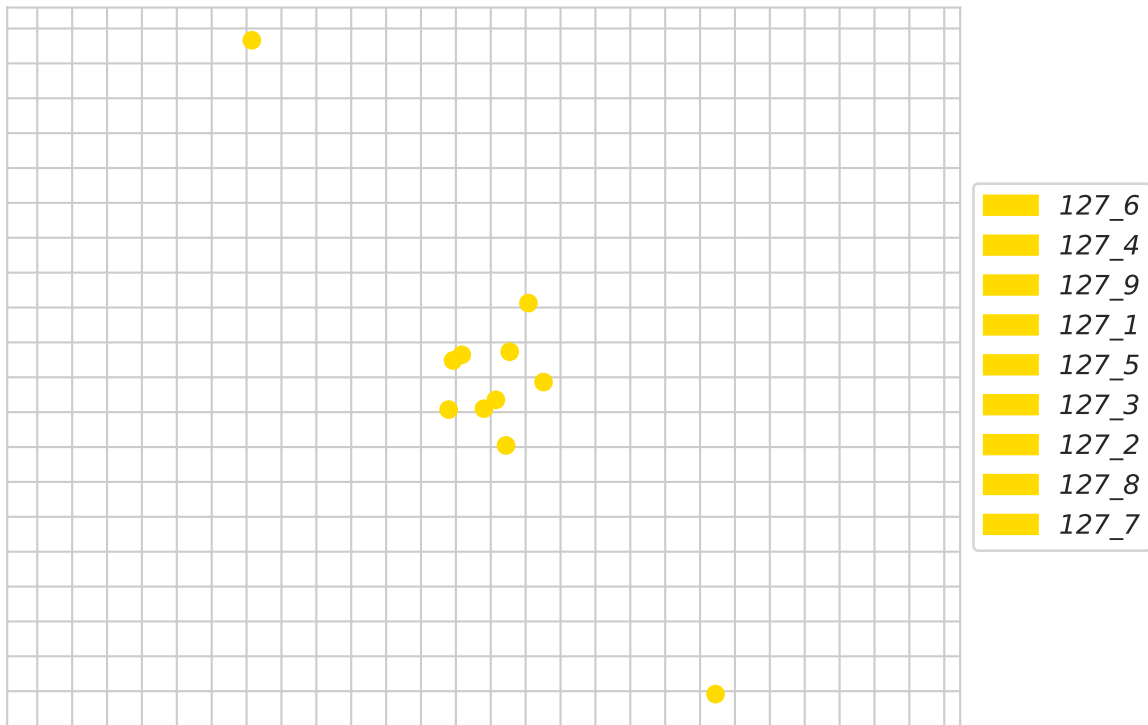
Primary cluster 123; grid spacing: 1.0% ANI



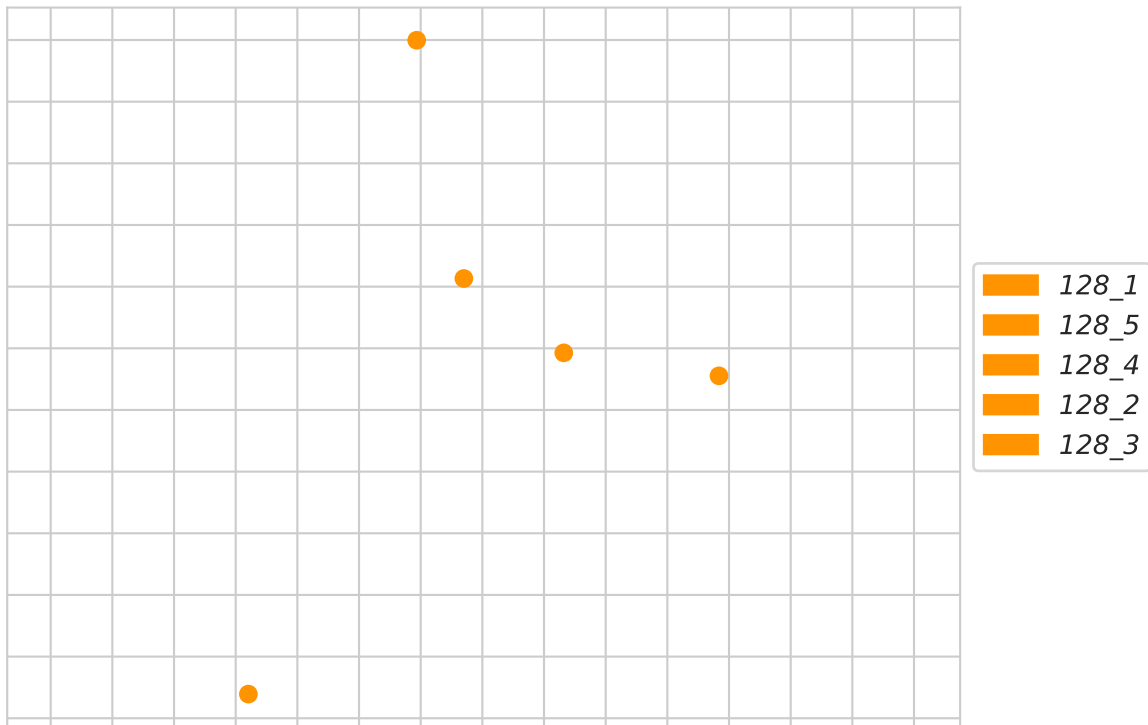
Primary cluster 125; grid spacing: 1.0% ANI



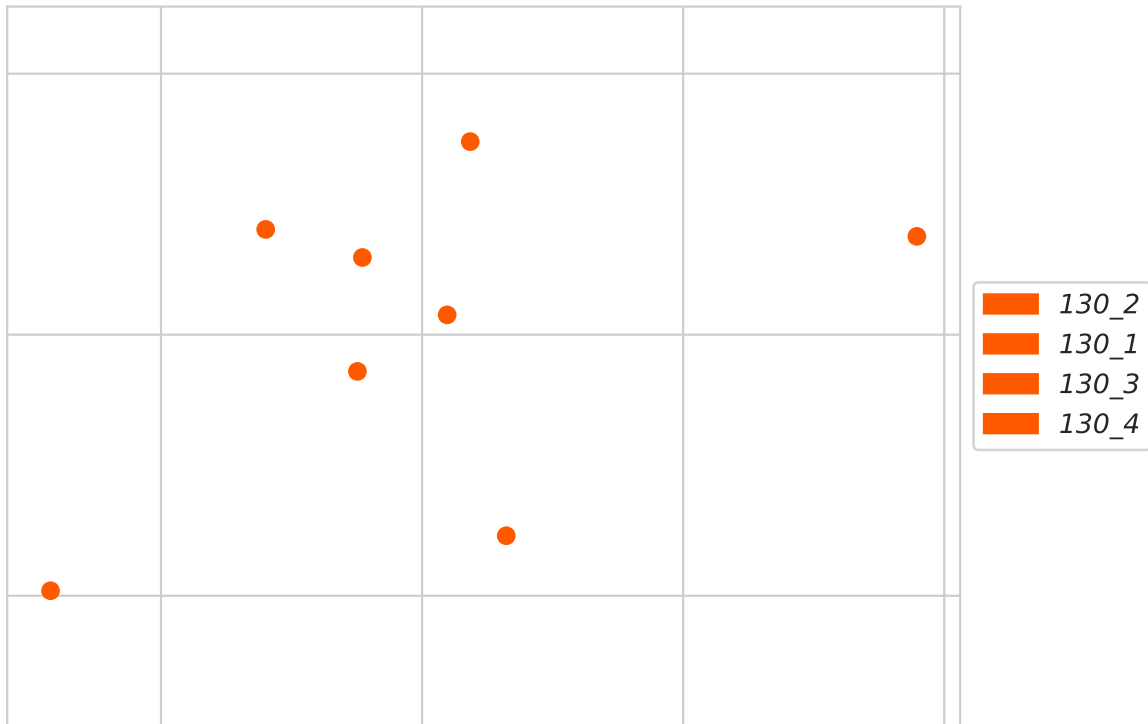
Primary cluster 127; grid spacing: 1.0% ANI



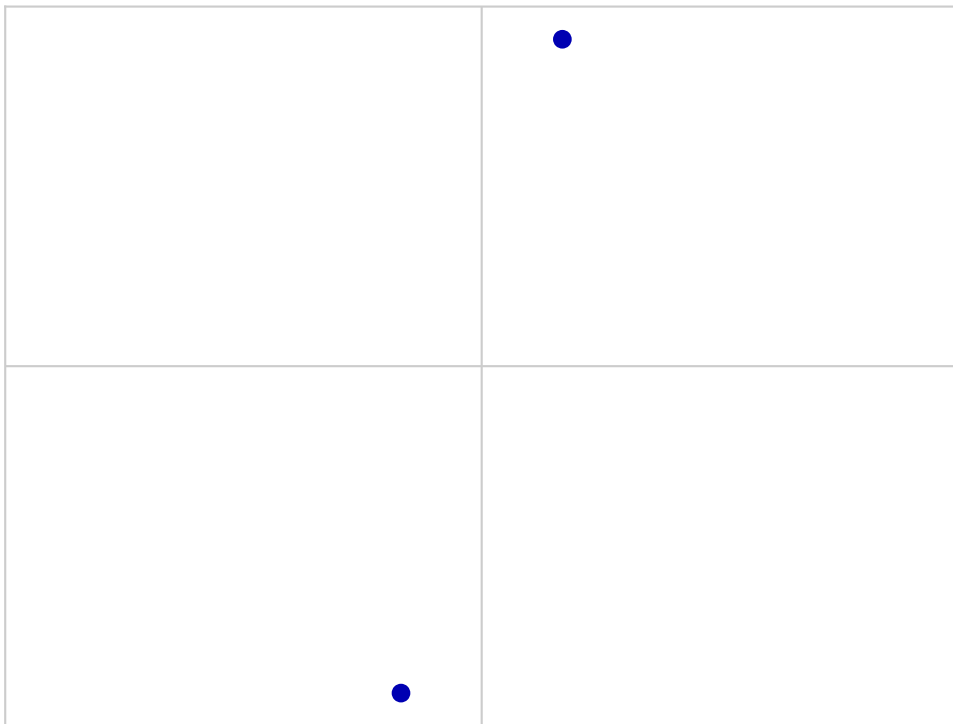
Primary cluster 128; grid spacing: 1.0% ANI



Primary cluster 130; grid spacing: 1.0% ANI



Primary cluster 137; grid spacing: 1.0% ANI




 137\_1

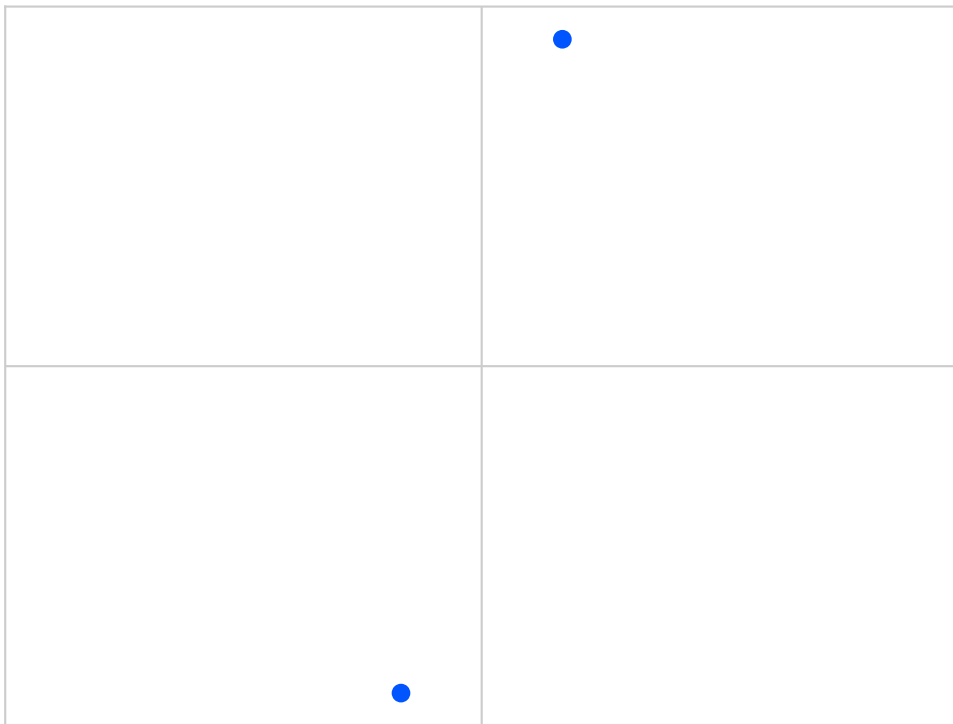


Primary cluster 138; grid spacing: 1.0% ANI



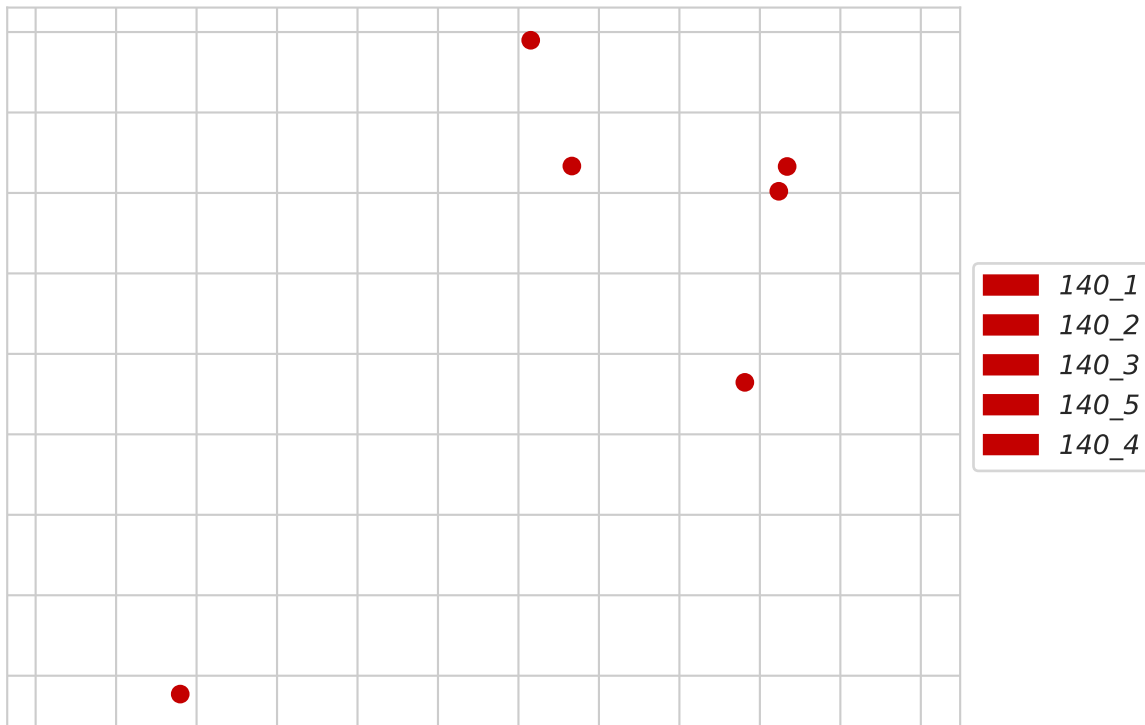
 138\_1

Primary cluster 139; grid spacing: 1.0% ANI

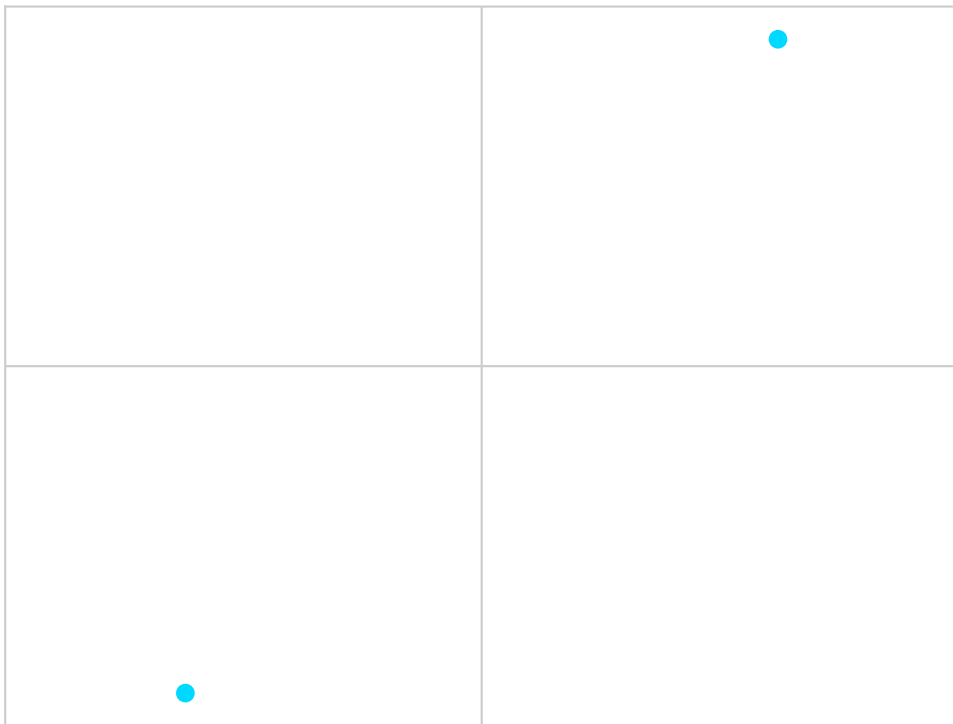


 139\_1

Primary cluster 140; grid spacing: 1.0% ANI

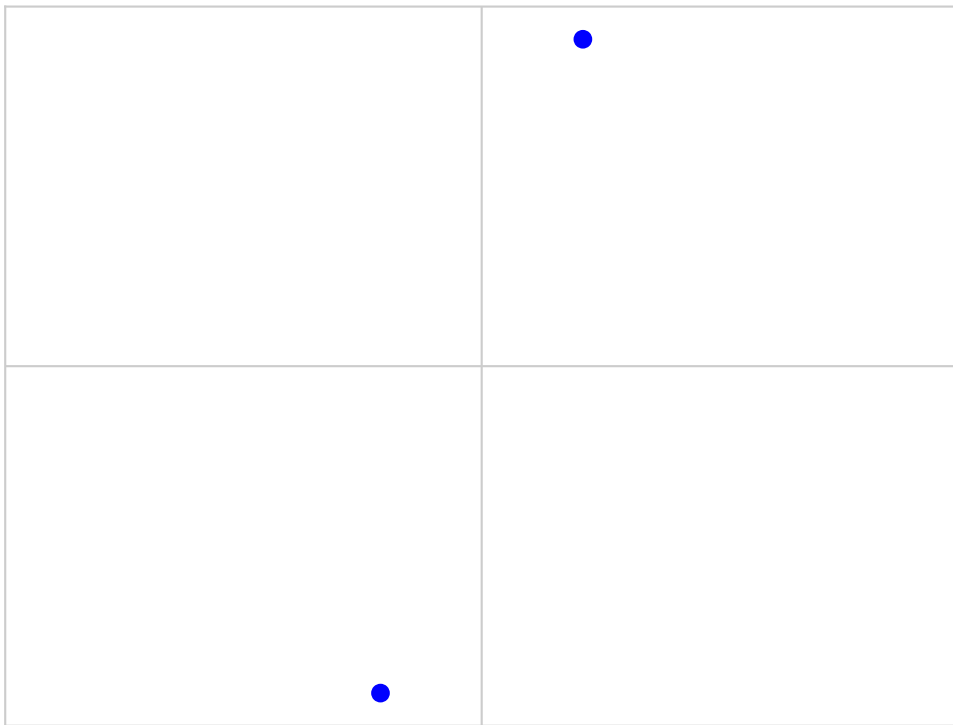


Primary cluster 143; grid spacing: 1.0% ANI



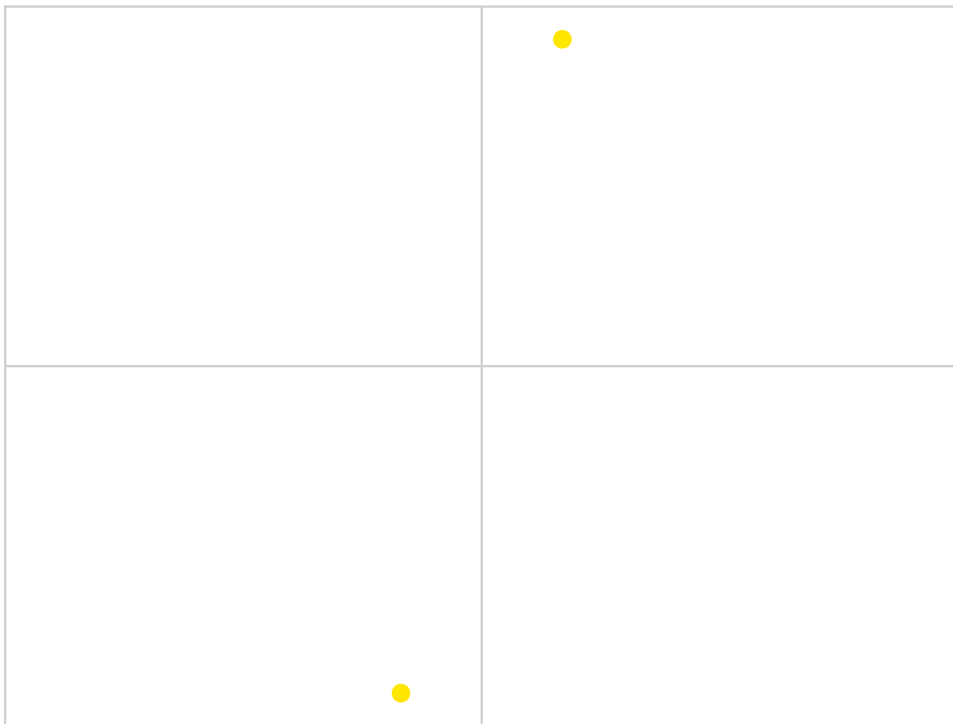
143\_1  
143\_2

Primary cluster 144; grid spacing: 1.0% ANI



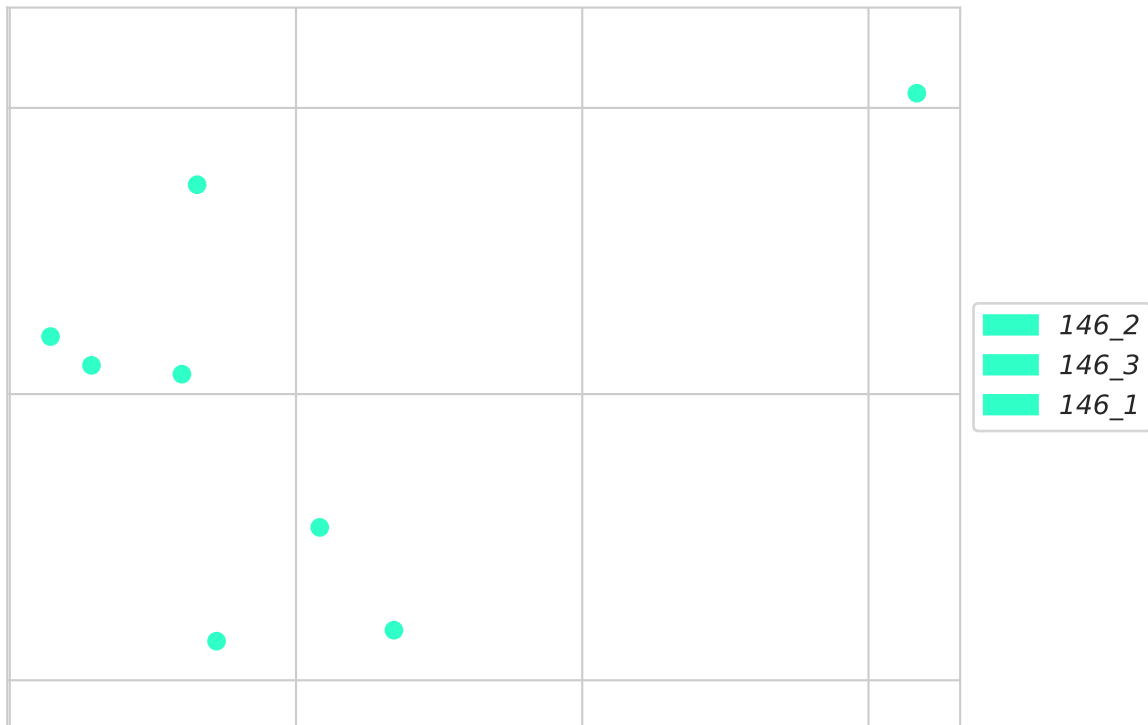
 144\_1

Primary cluster 145; grid spacing: 1.0% ANI

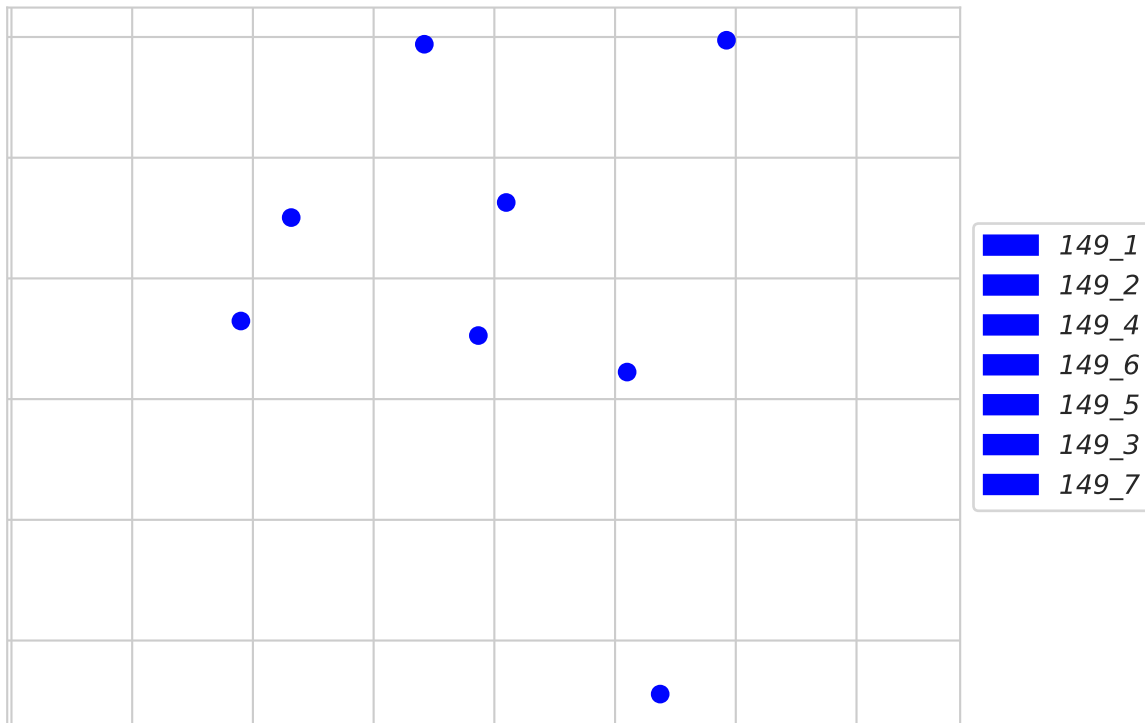


 145\_1

Primary cluster 146; grid spacing: 1.0% ANI

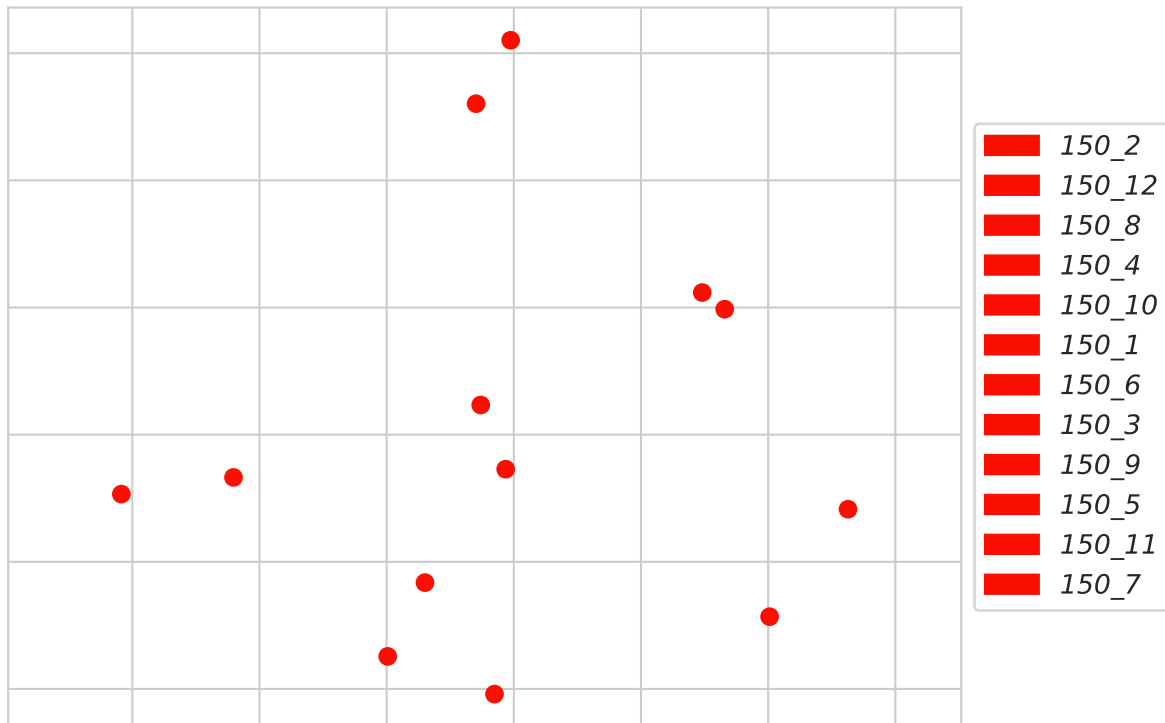


Primary cluster 149; grid spacing: 1.0% ANI

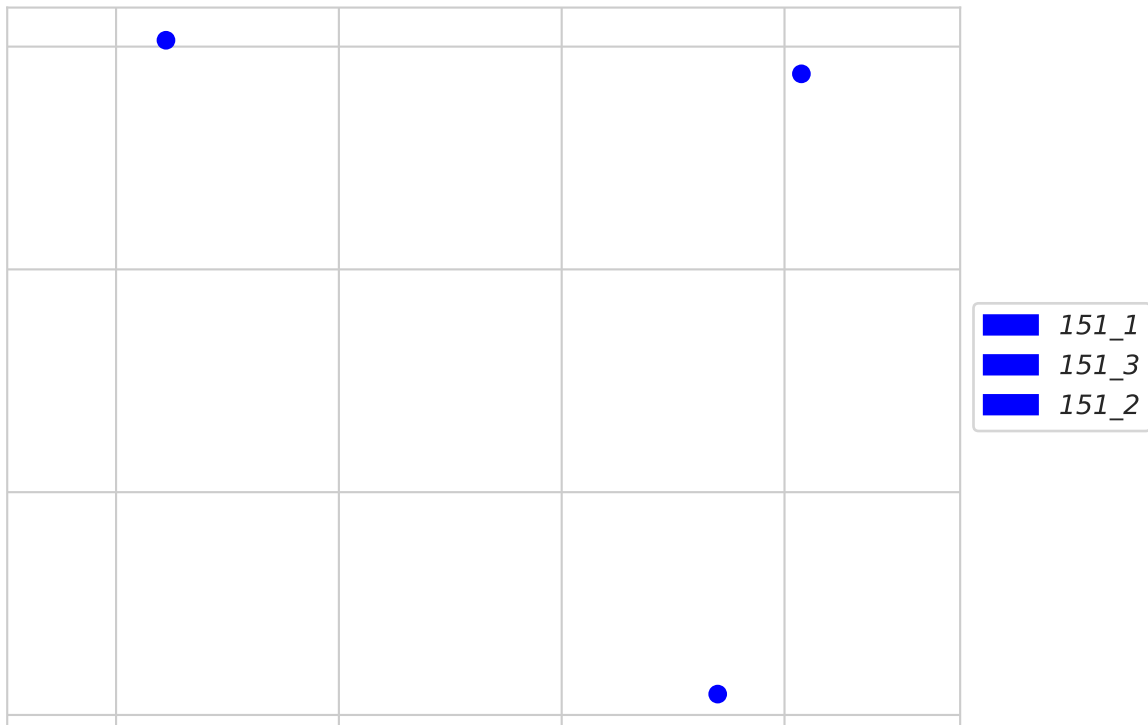




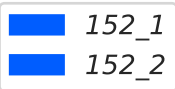
Primary cluster 150; grid spacing: 1.0% ANI



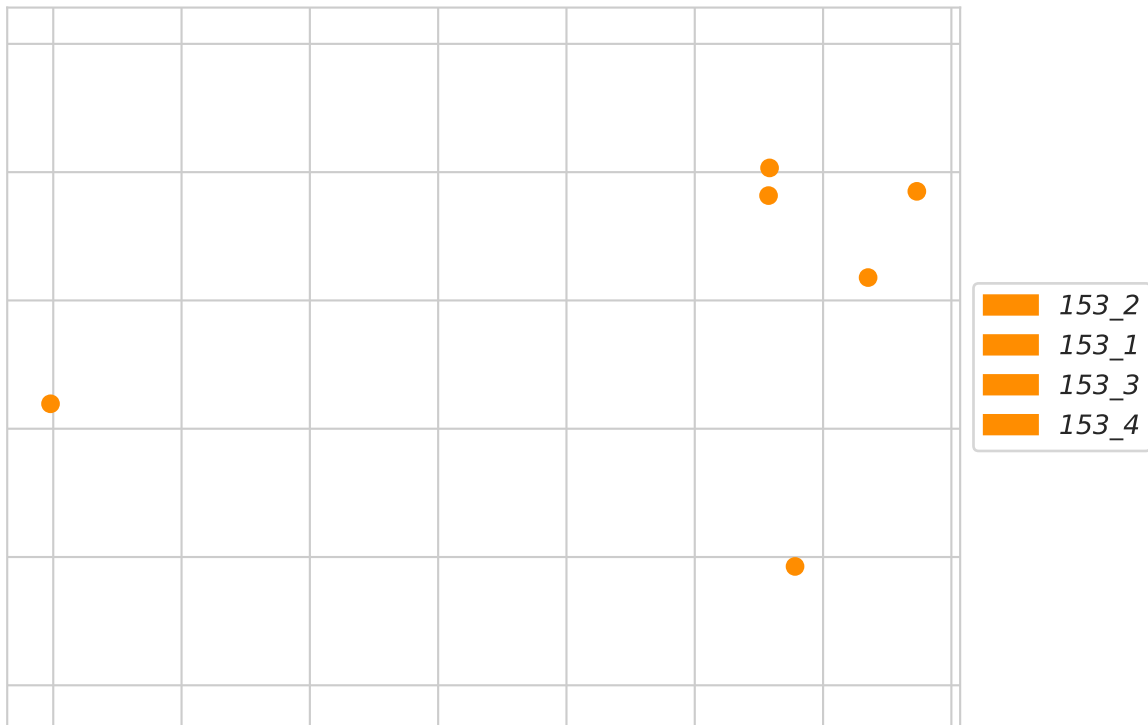
Primary cluster 151; grid spacing: 1.0% ANI



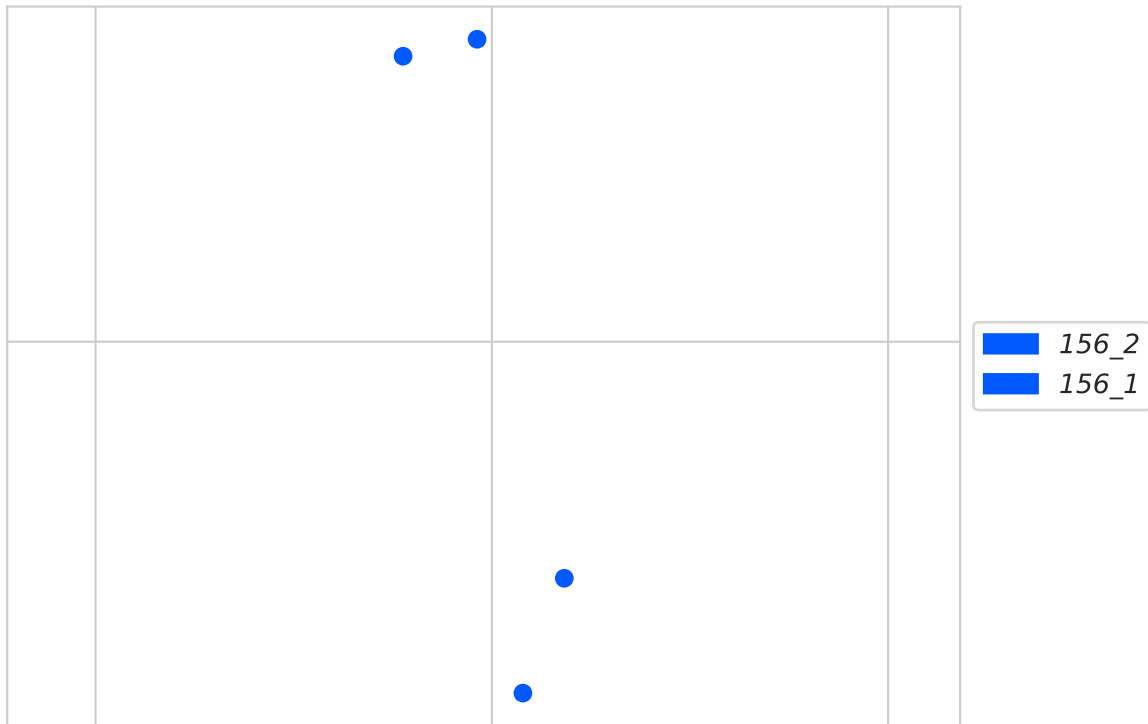
Primary cluster 152; grid spacing: 1.0% ANI



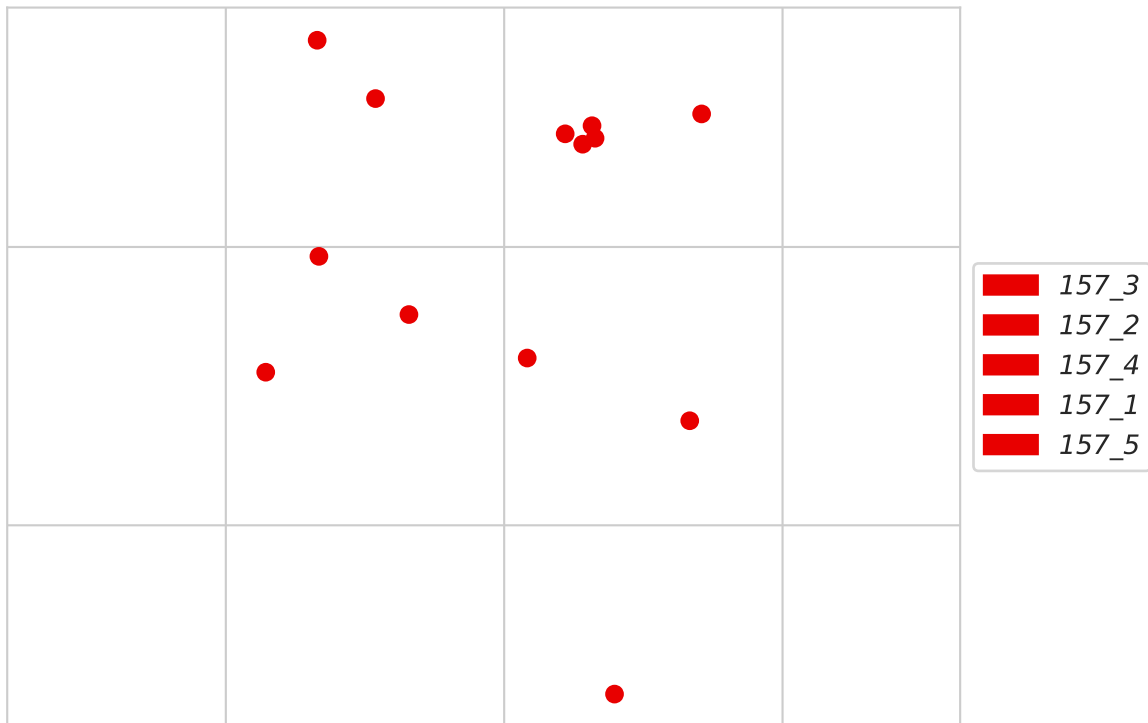
Primary cluster 153; grid spacing: 1.0% ANI



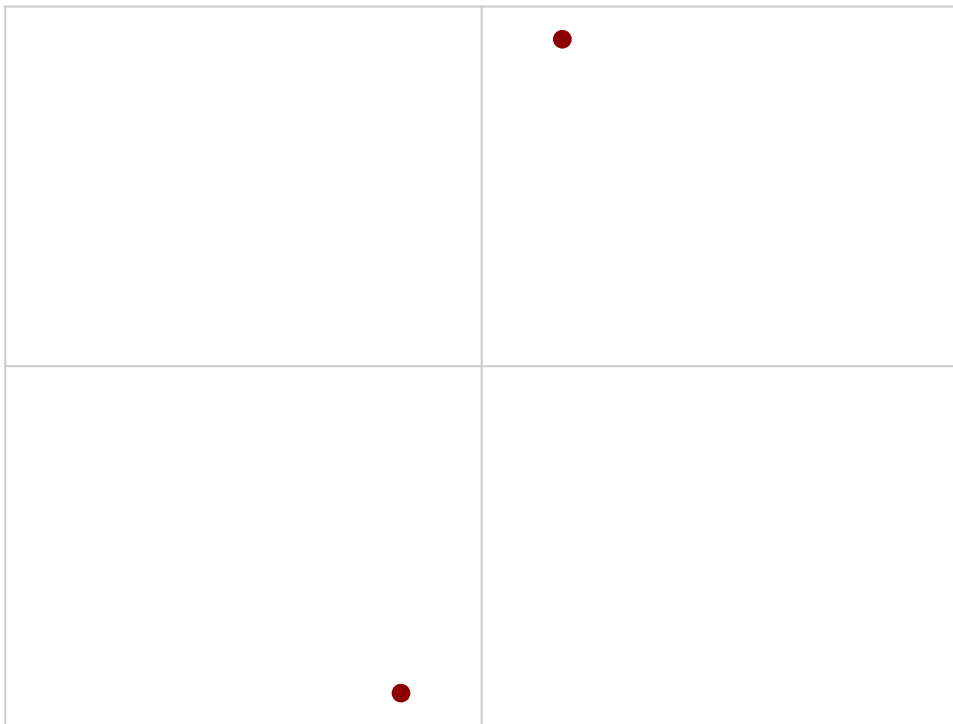
Primary cluster 156; grid spacing: 1.0% ANI



Primary cluster 157; grid spacing: 1.0% ANI

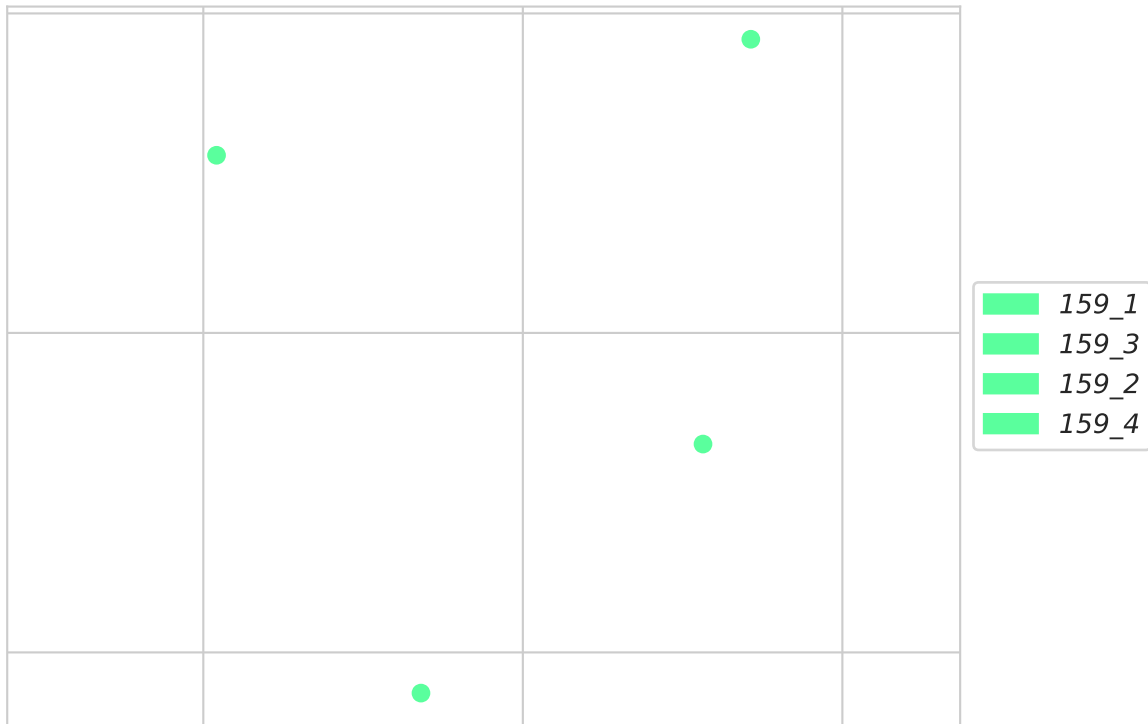


Primary cluster 158; grid spacing: 1.0% ANI



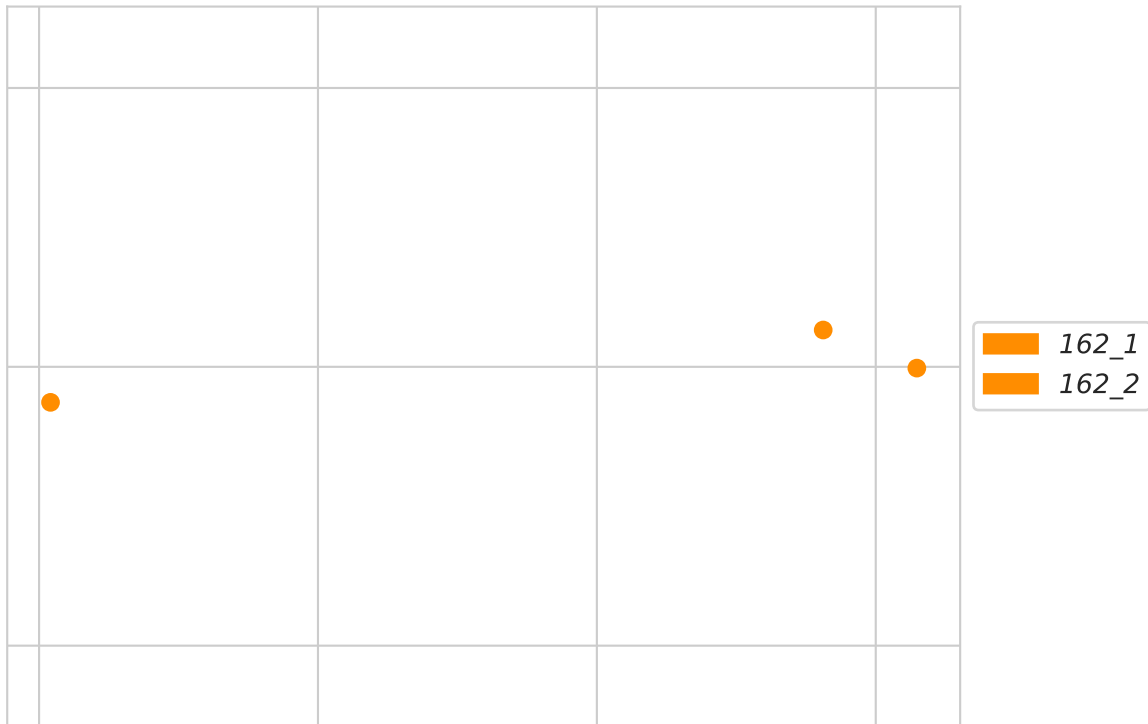
158\_1

Primary cluster 159; grid spacing: 1.0% ANI

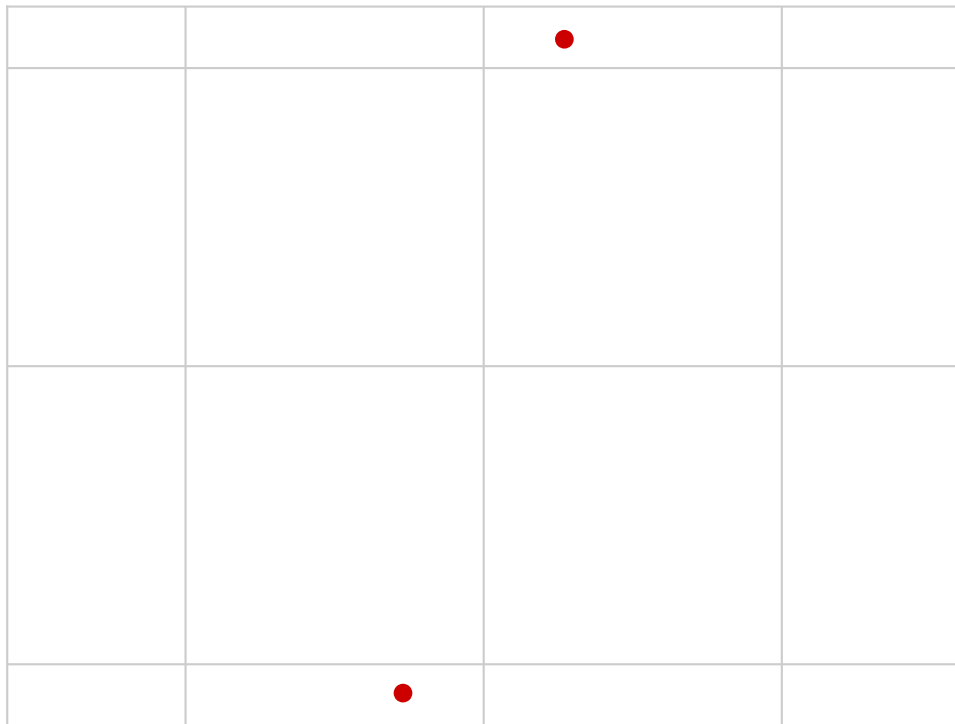




Primary cluster 162; grid spacing: 1.0% ANI

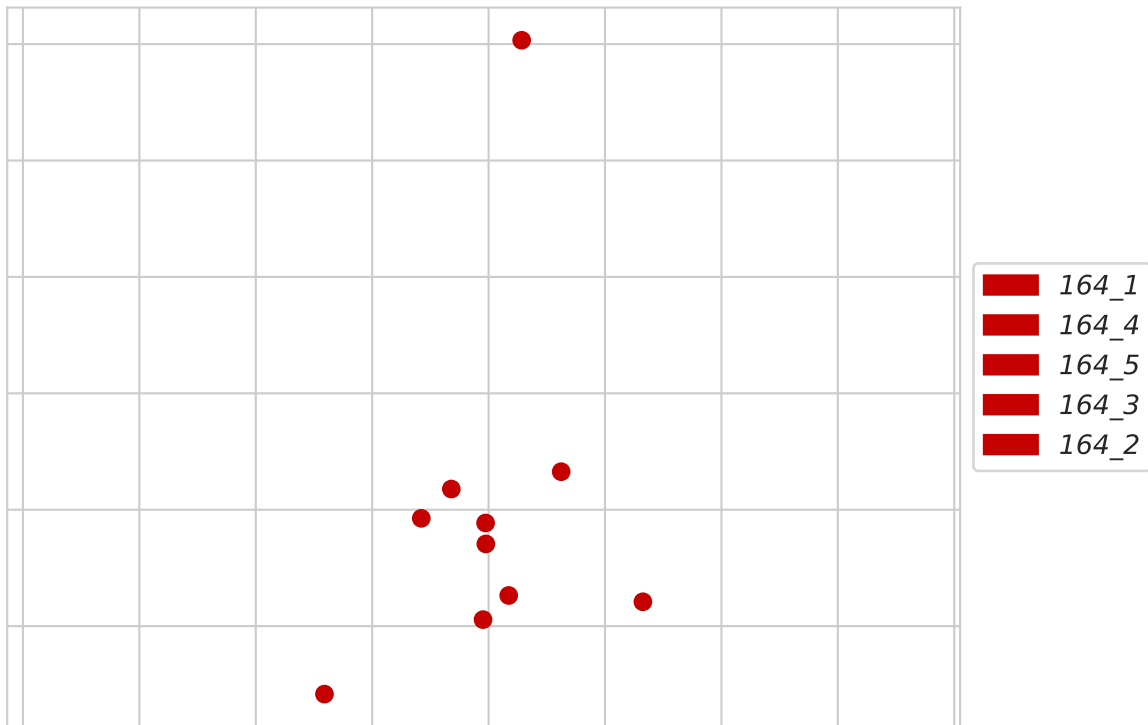


Primary cluster 163; grid spacing: 1.0% ANI

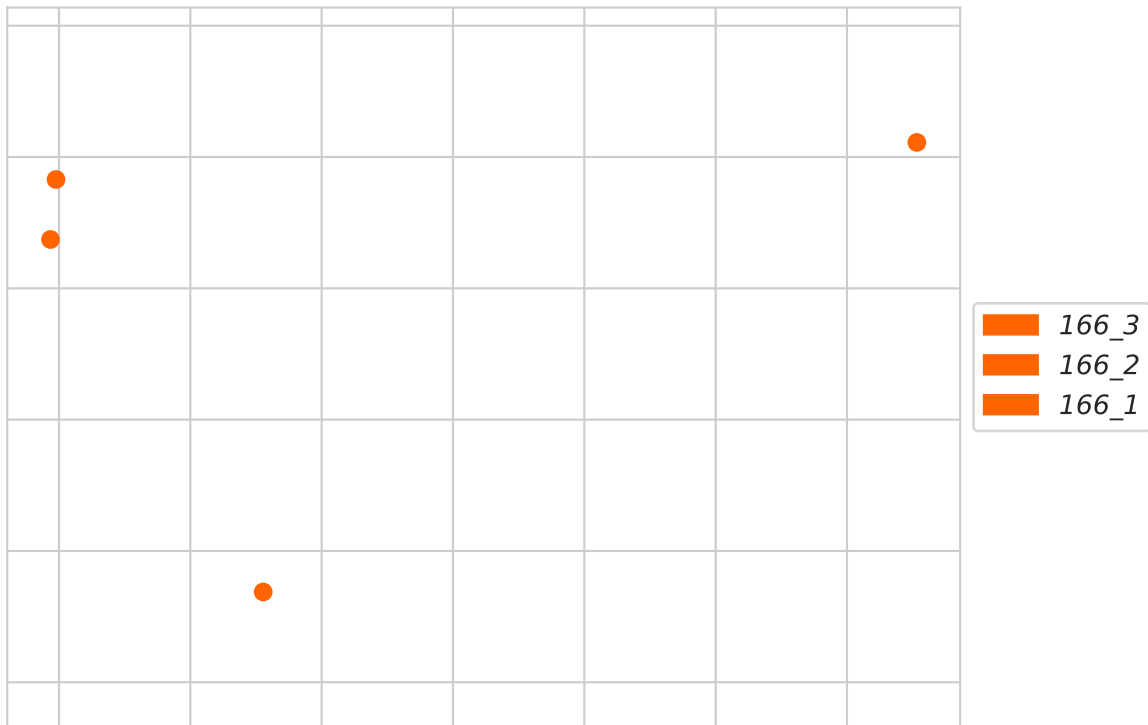


163\_1  
163\_2

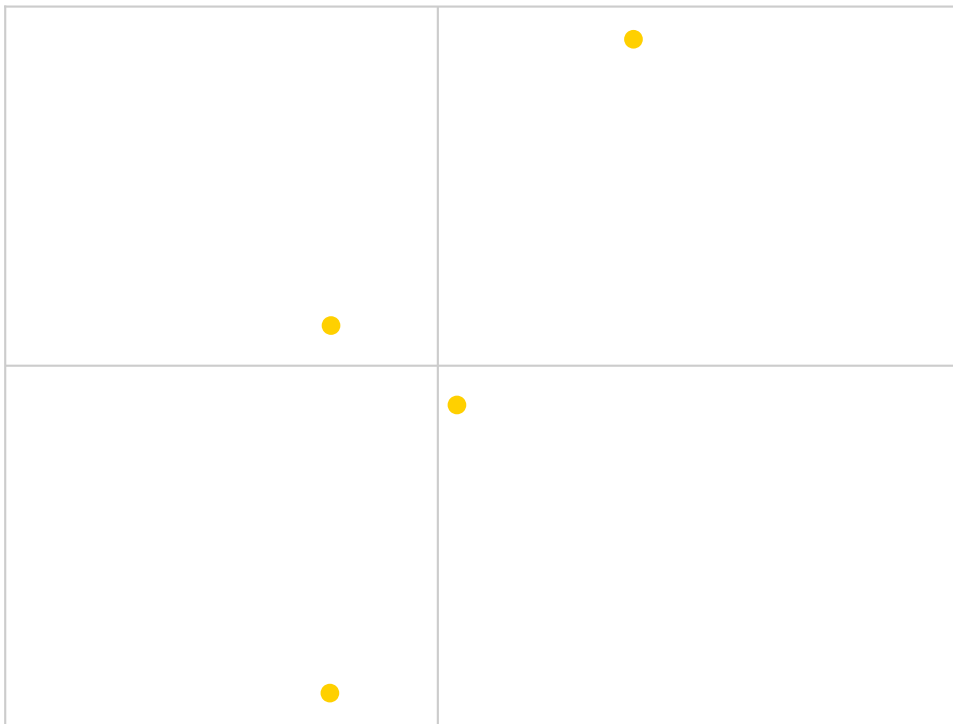
Primary cluster 164; grid spacing: 1.0% ANI



Primary cluster 166; grid spacing: 1.0% ANI

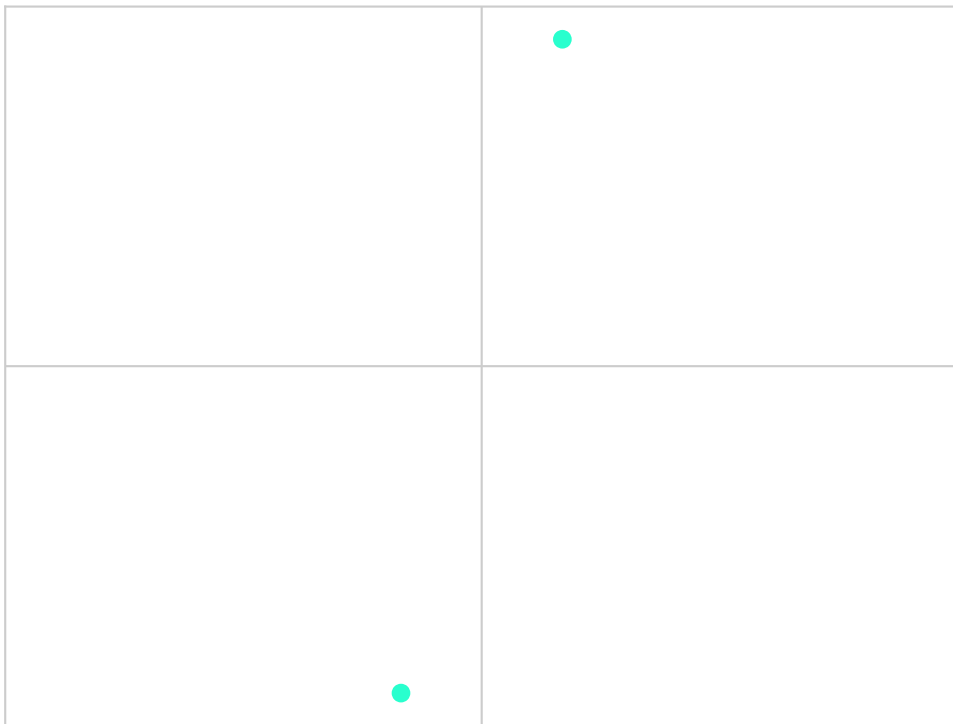


Primary cluster 167; grid spacing: 1.0% ANI



167\_1

Primary cluster 168; grid spacing: 1.0% ANI

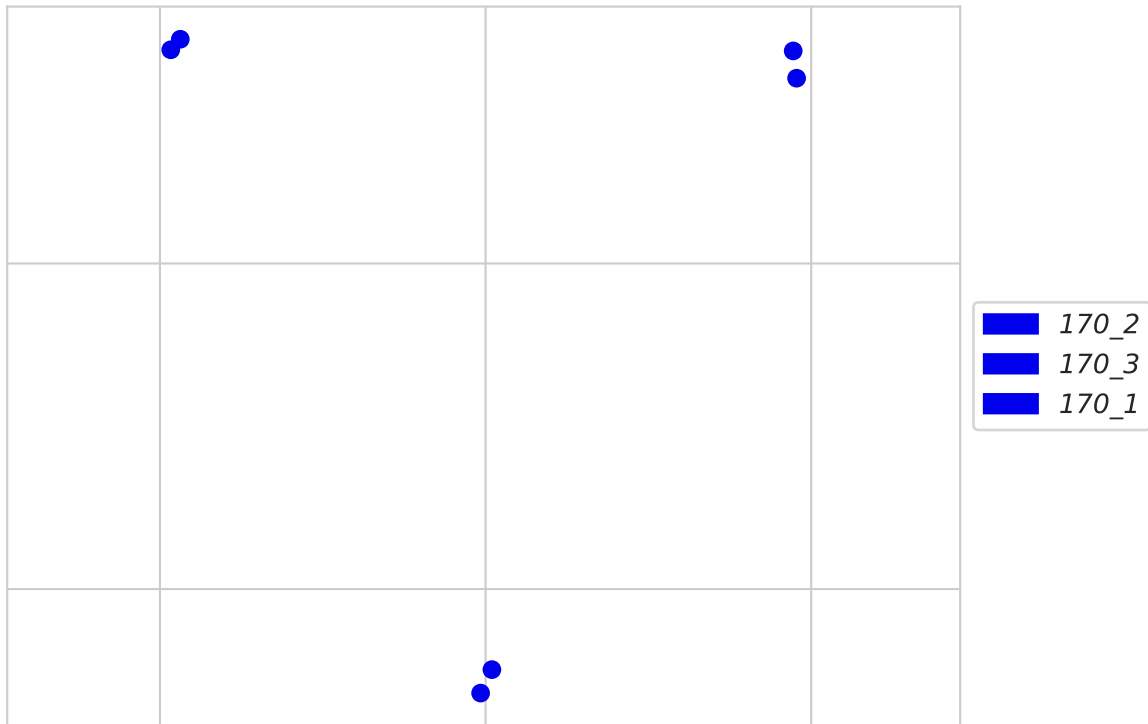


168\_1

Primary cluster 169; grid spacing: 1.0% ANI

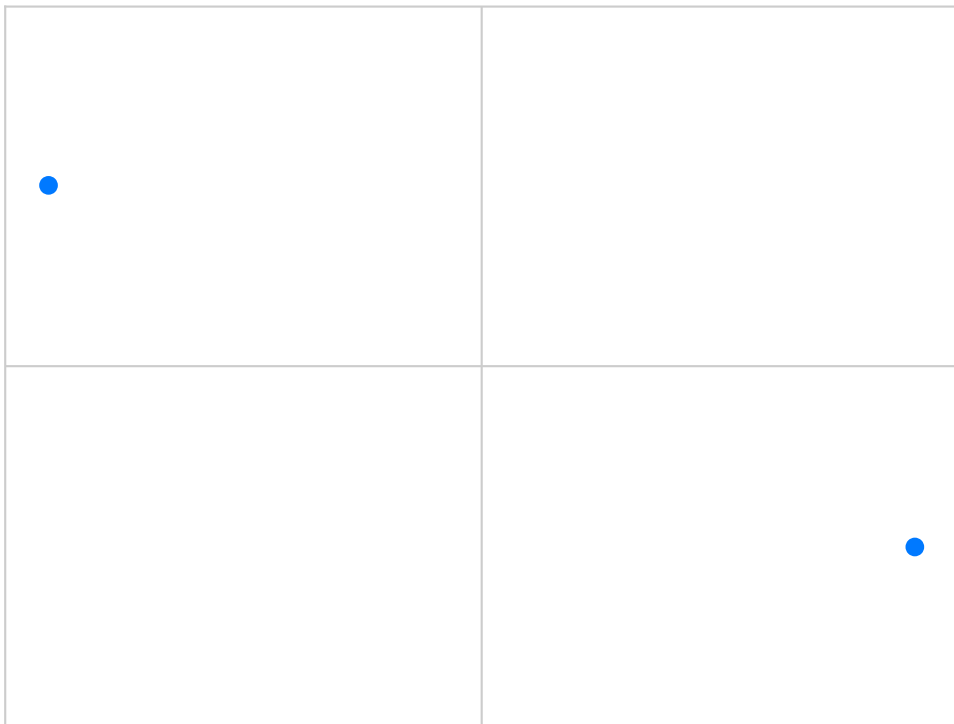


Primary cluster 170; grid spacing: 1.0% ANI



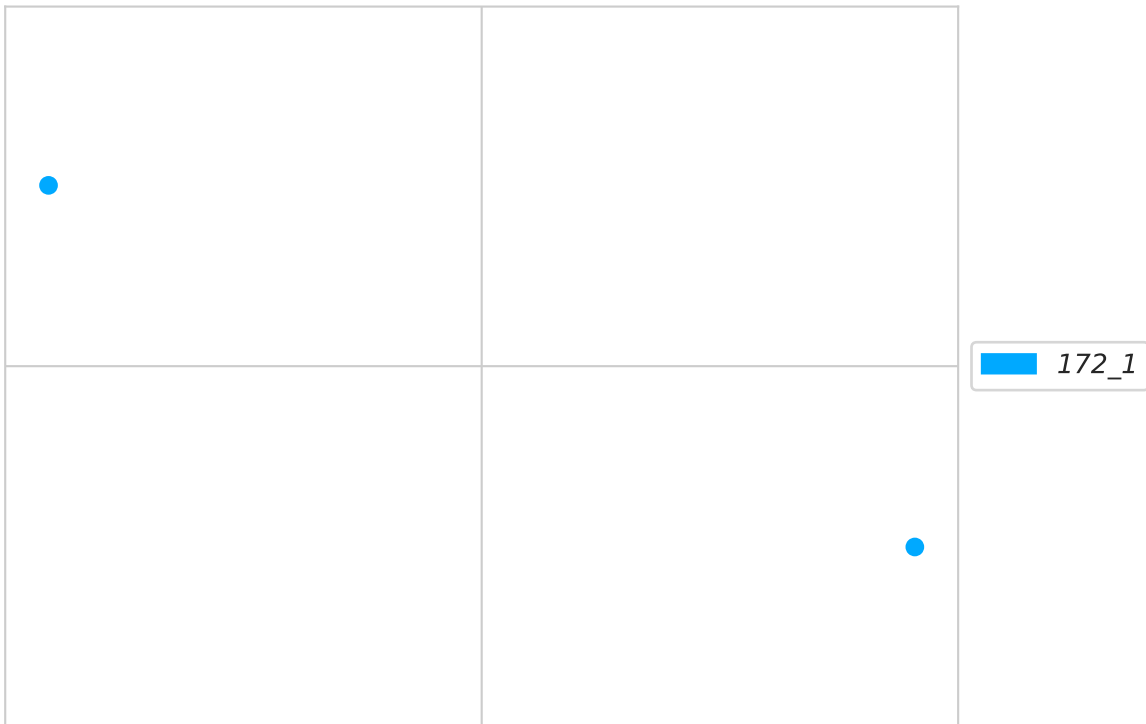


Primary cluster 171; grid spacing: 1.0% ANI

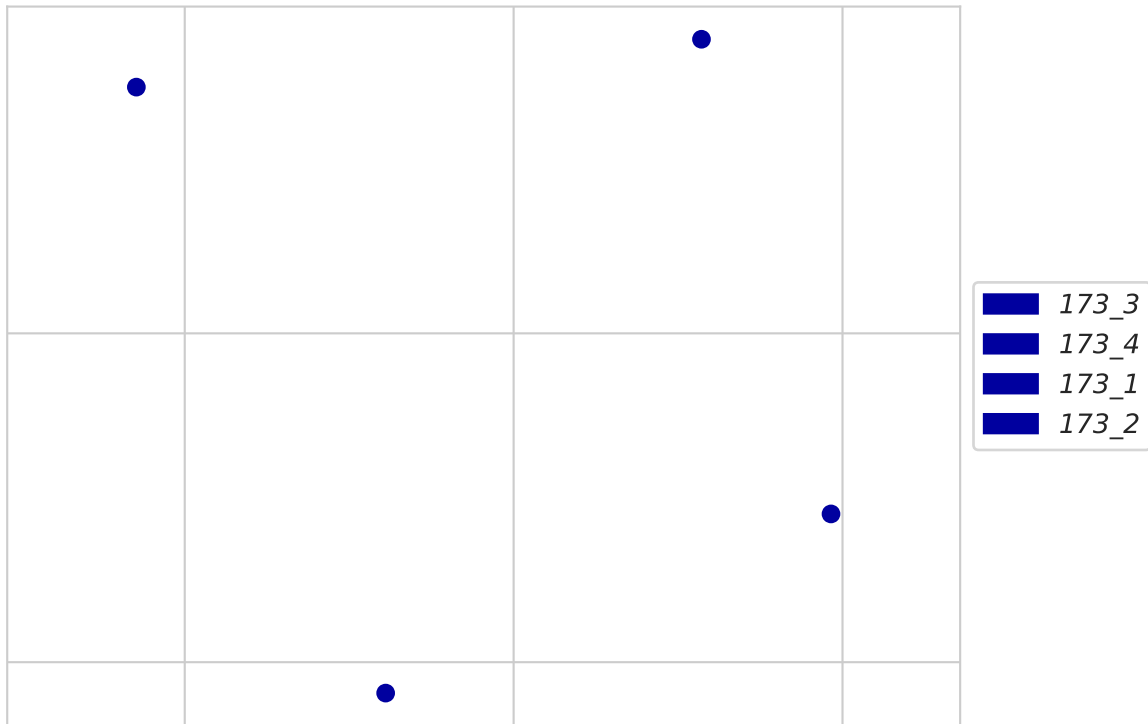


 171\_1

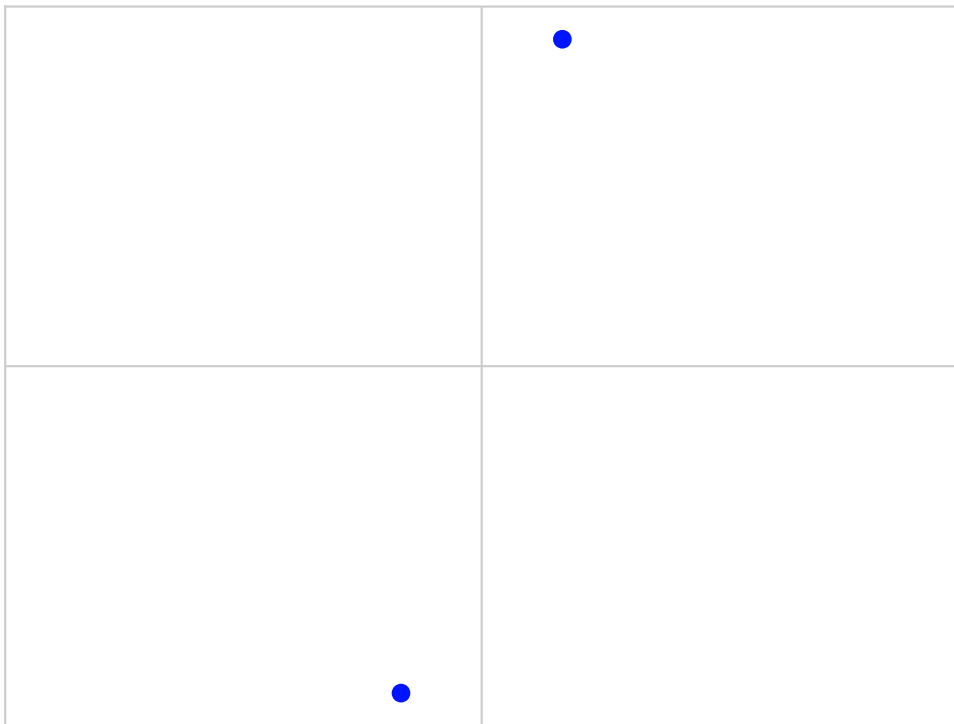
Primary cluster 172; grid spacing: 1.0% ANI



Primary cluster 173; grid spacing: 1.0% ANI




Primary cluster 177; grid spacing: 1.0% ANI



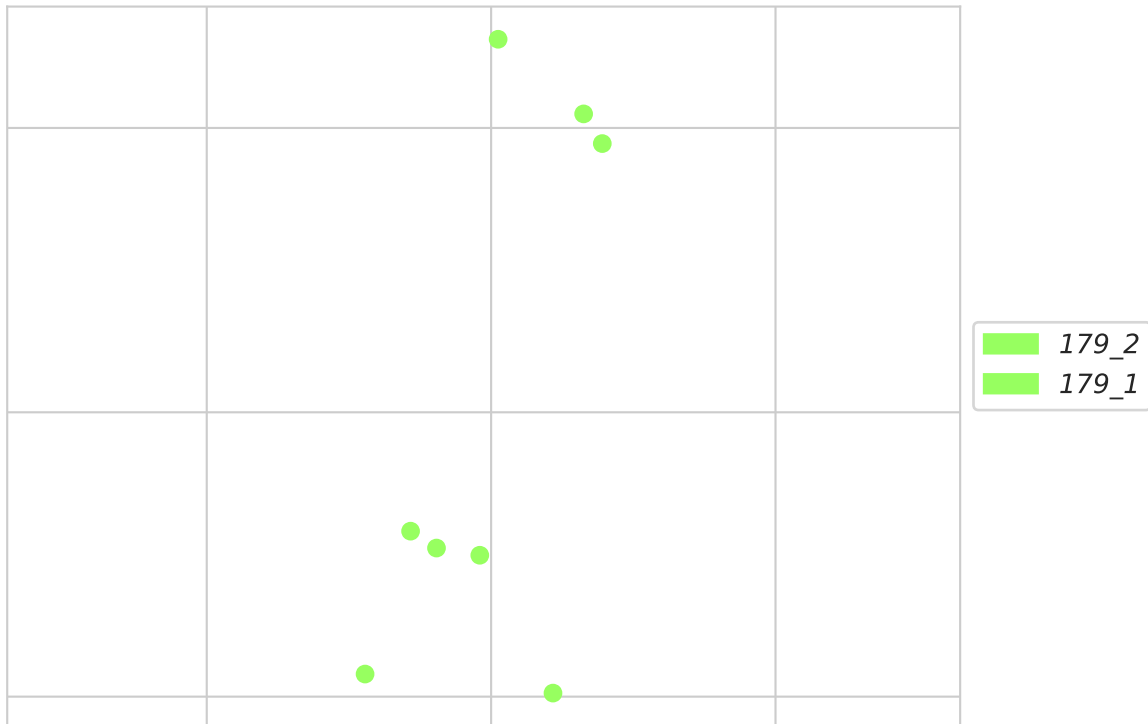
177\_1

Primary cluster 178; grid spacing: 1.0% ANI

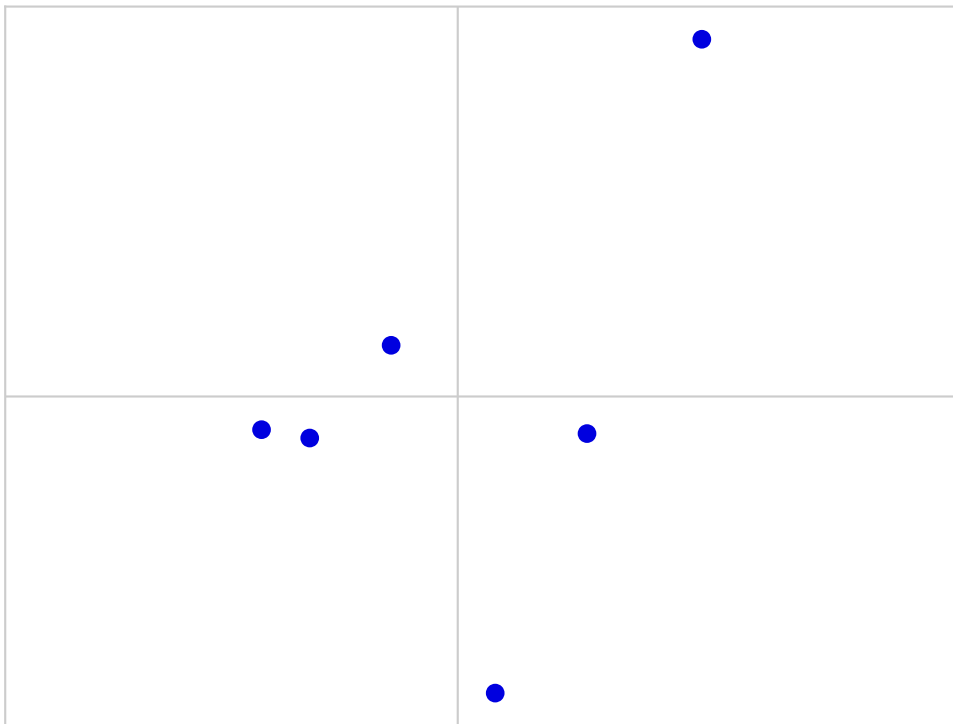


 178\_1

Primary cluster 179; grid spacing: 1.0% ANI

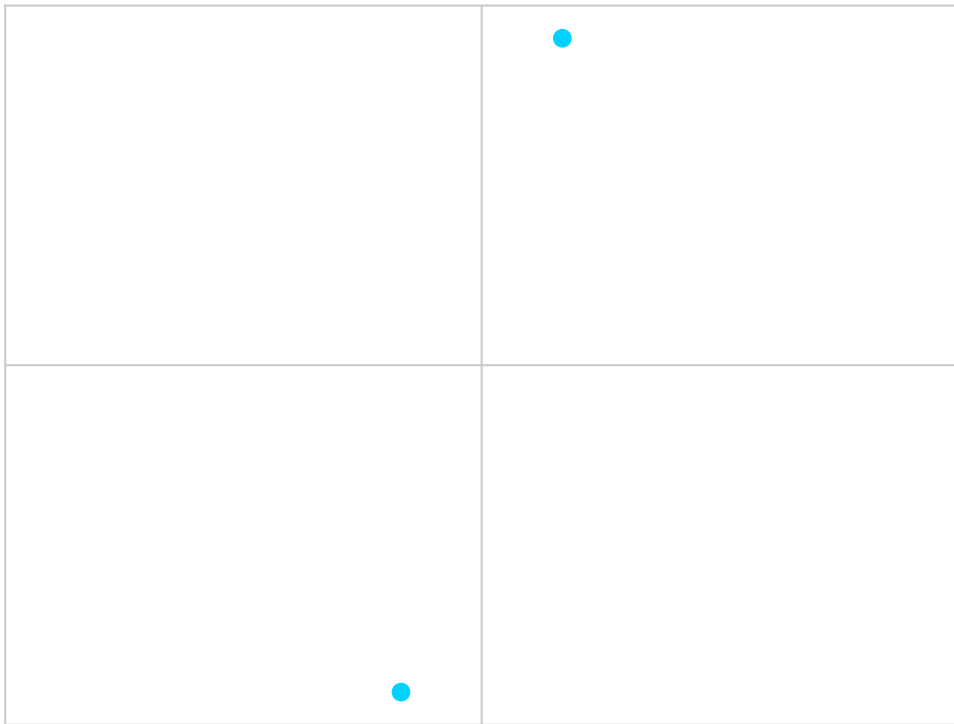


Primary cluster 180; grid spacing: 1.0% ANI



 180\_1

Primary cluster 182; grid spacing: 1.0% ANI



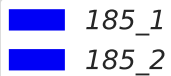
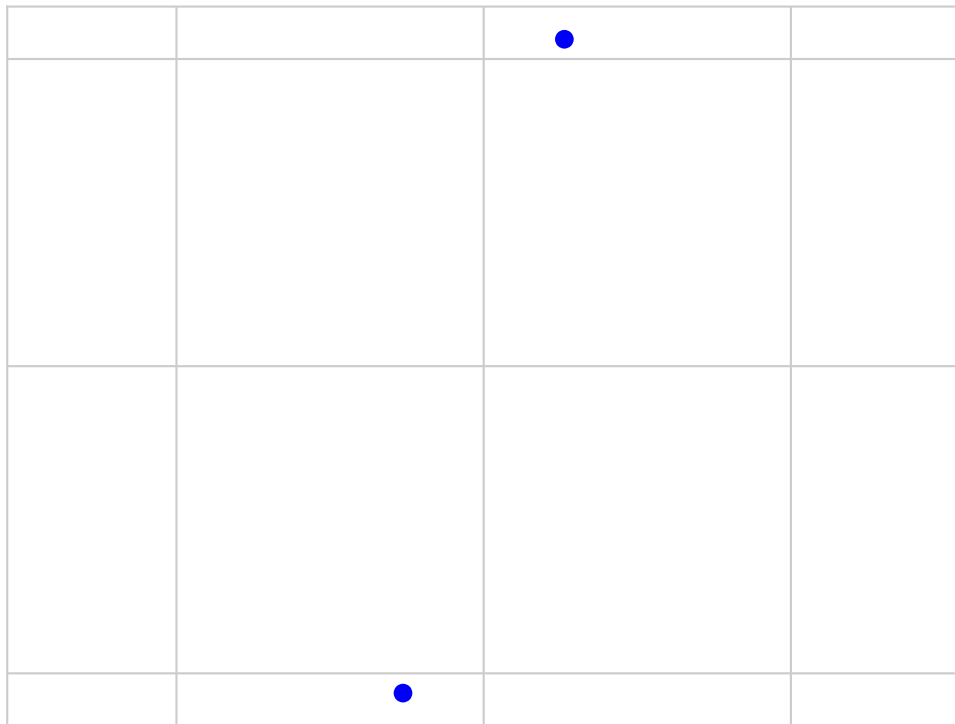
182\_1



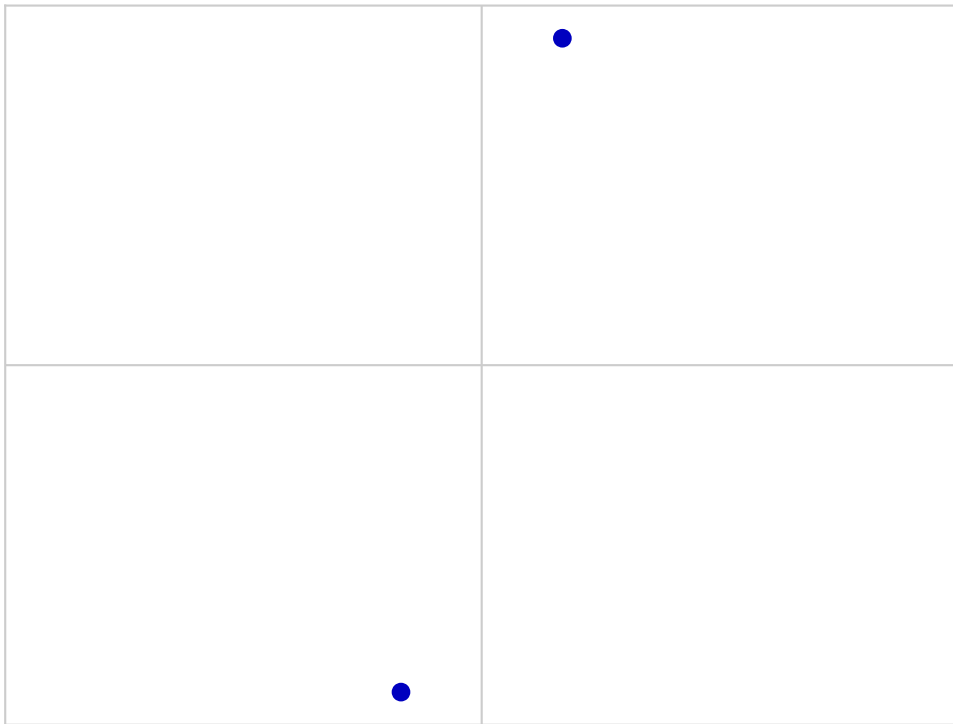
Primary cluster 183; grid spacing: 1.0% ANI



Primary cluster 185; grid spacing: 1.0% ANI

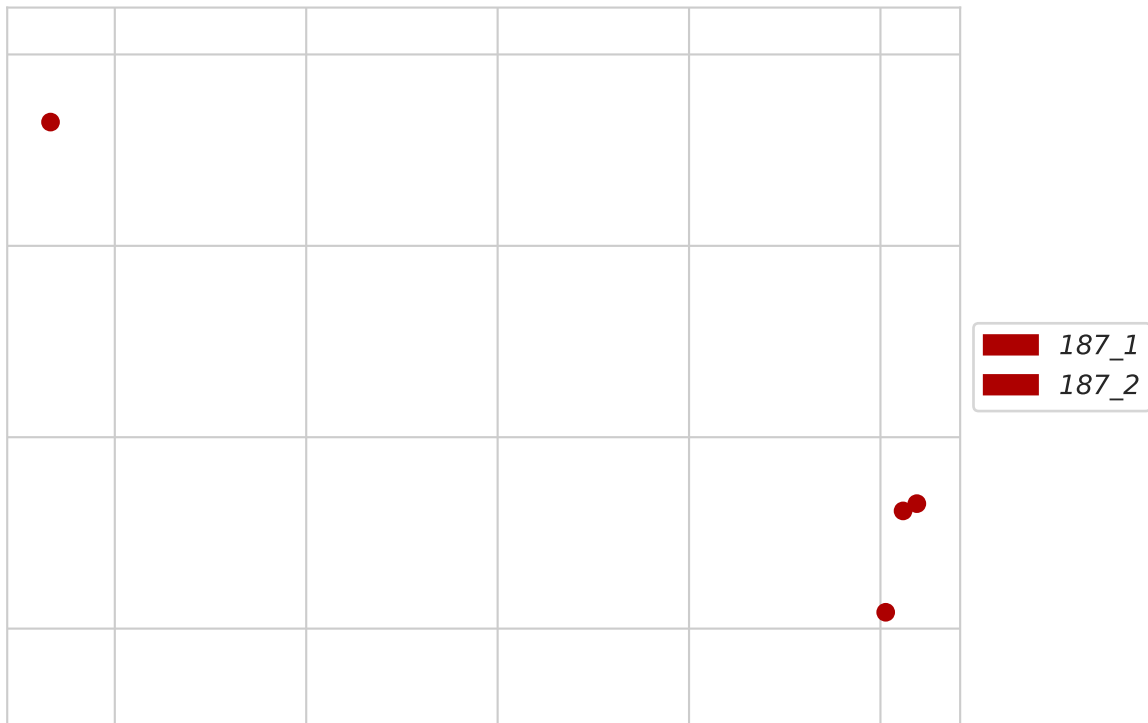


Primary cluster 186; grid spacing: 1.0% ANI

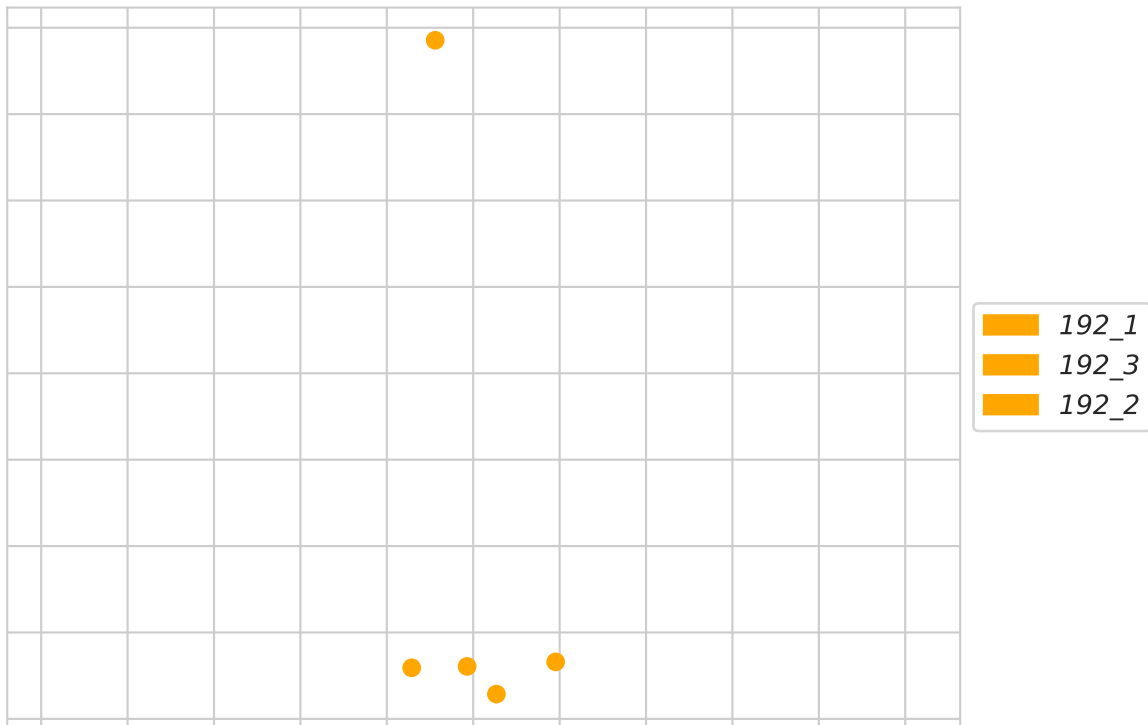


 186\_1

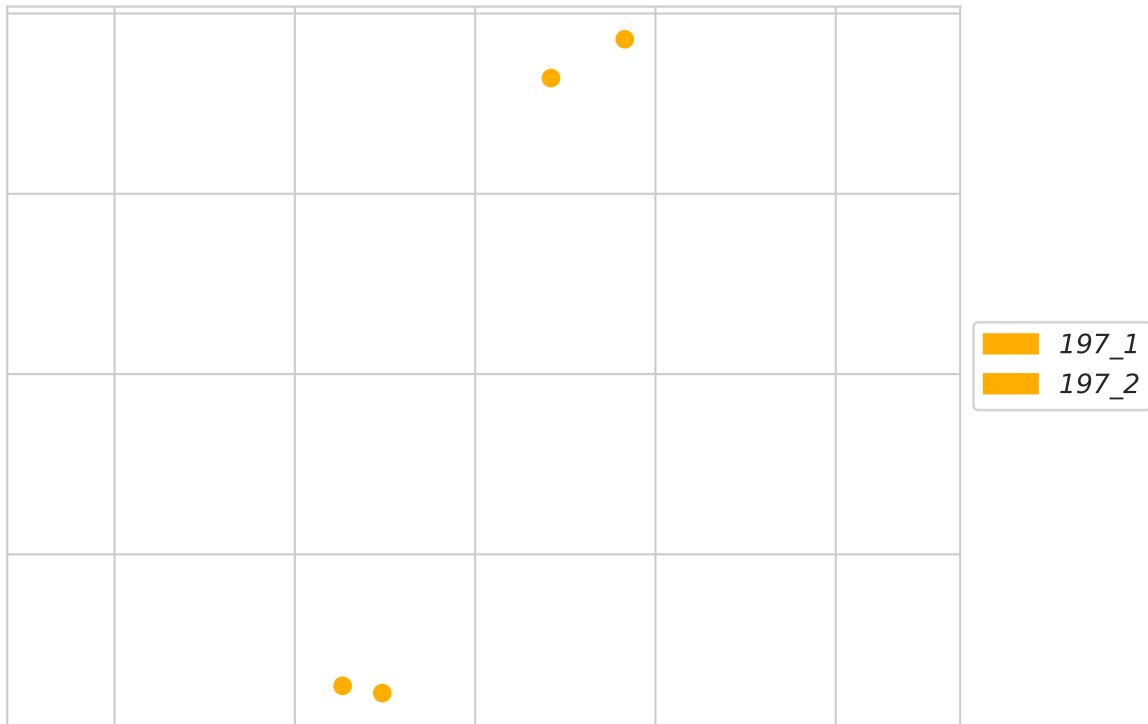
Primary cluster 187; grid spacing: 1.0% ANI



Primary cluster 192; grid spacing: 1.0% ANI



Primary cluster 197; grid spacing: 1.0% ANI

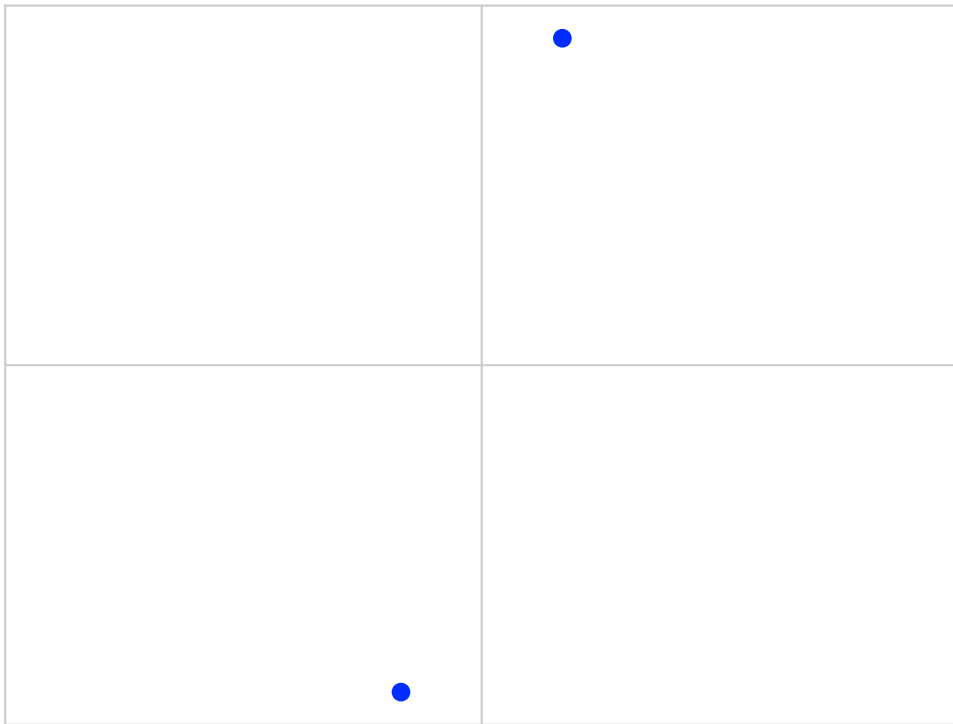


Primary cluster 198; grid spacing: 1.0% ANI



 198\_1

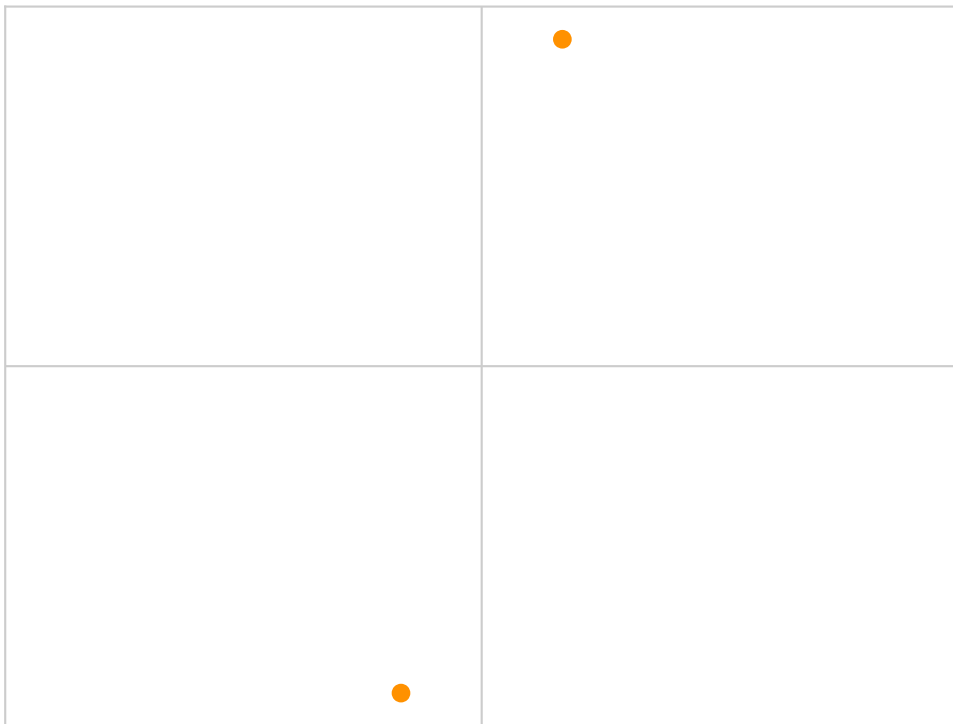
Primary cluster 200; grid spacing: 1.0% ANI



 200\_1

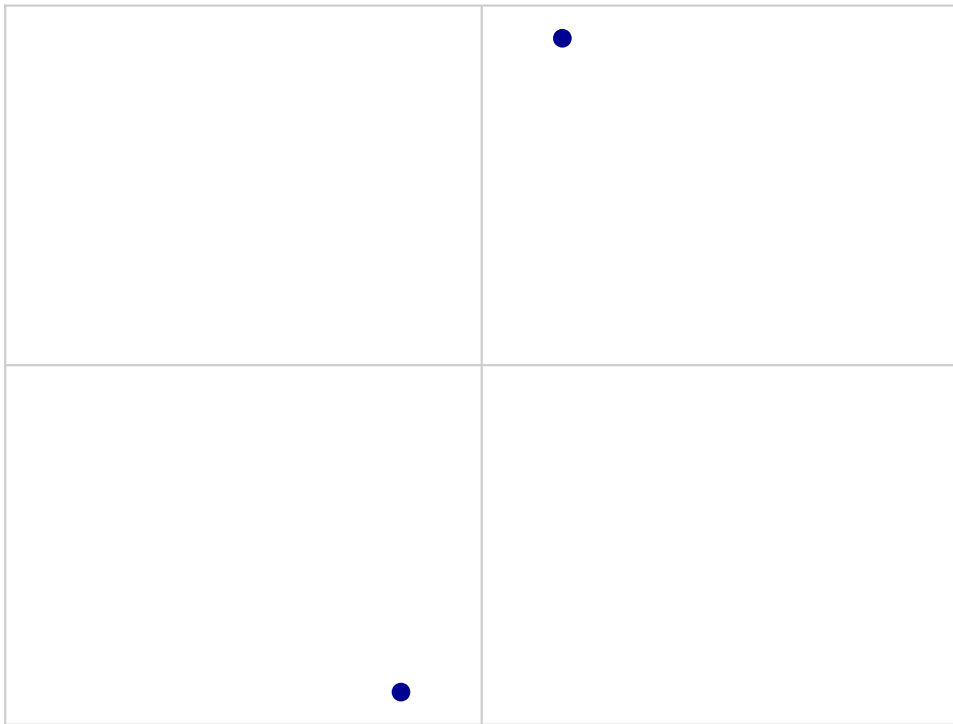


Primary cluster 201; grid spacing: 1.0% ANI



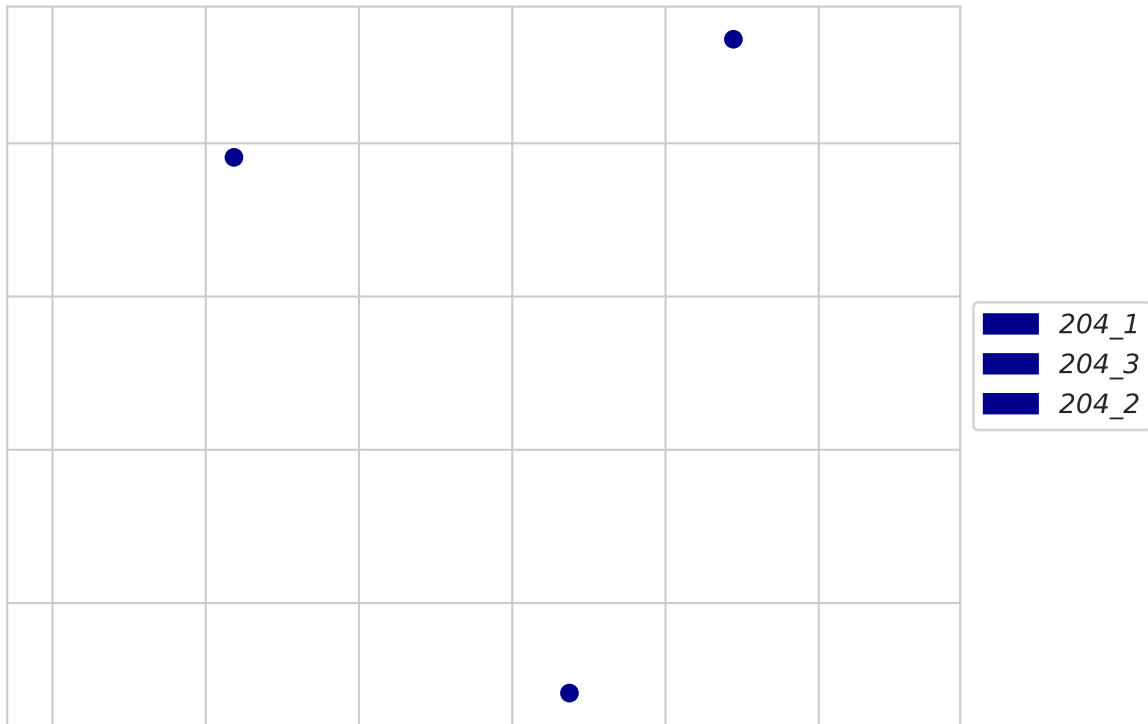
 201\_1

Primary cluster 202; grid spacing: 1.0% ANI

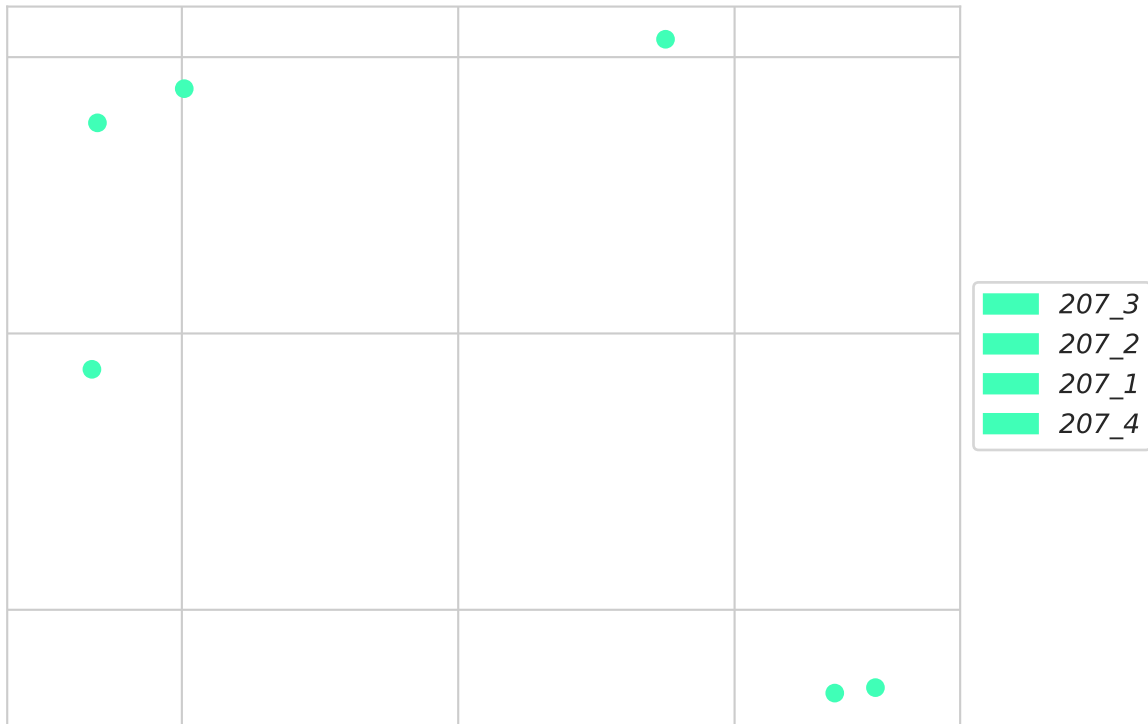


202\_1

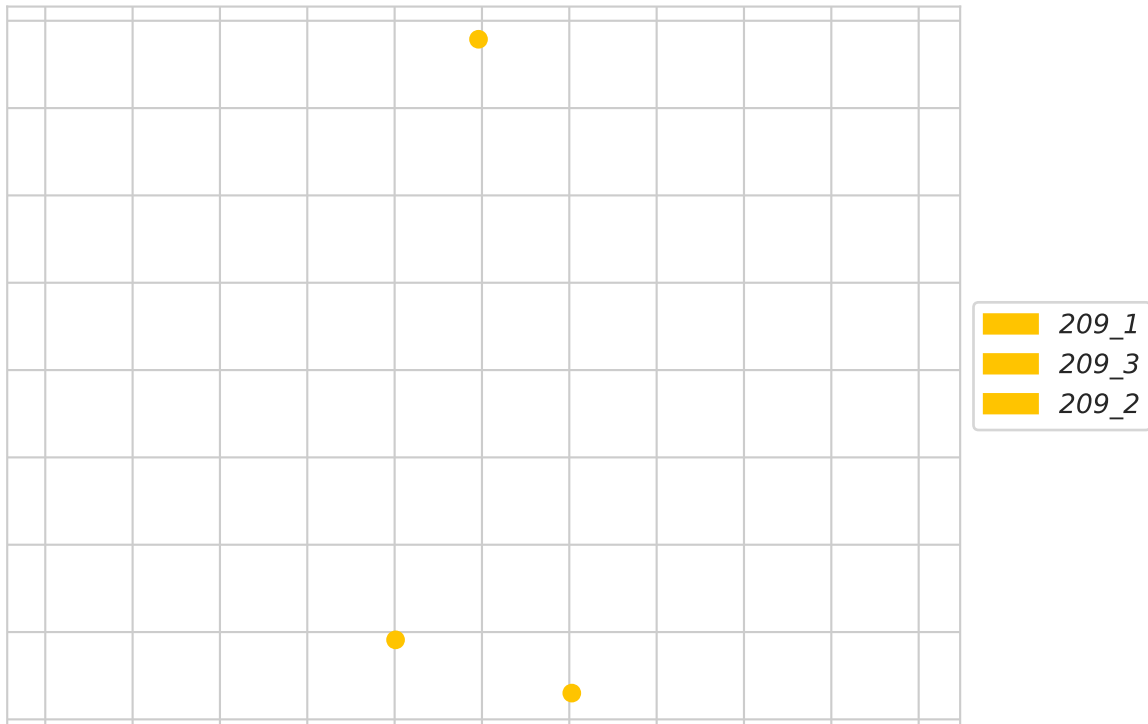
Primary cluster 204; grid spacing: 1.0% ANI



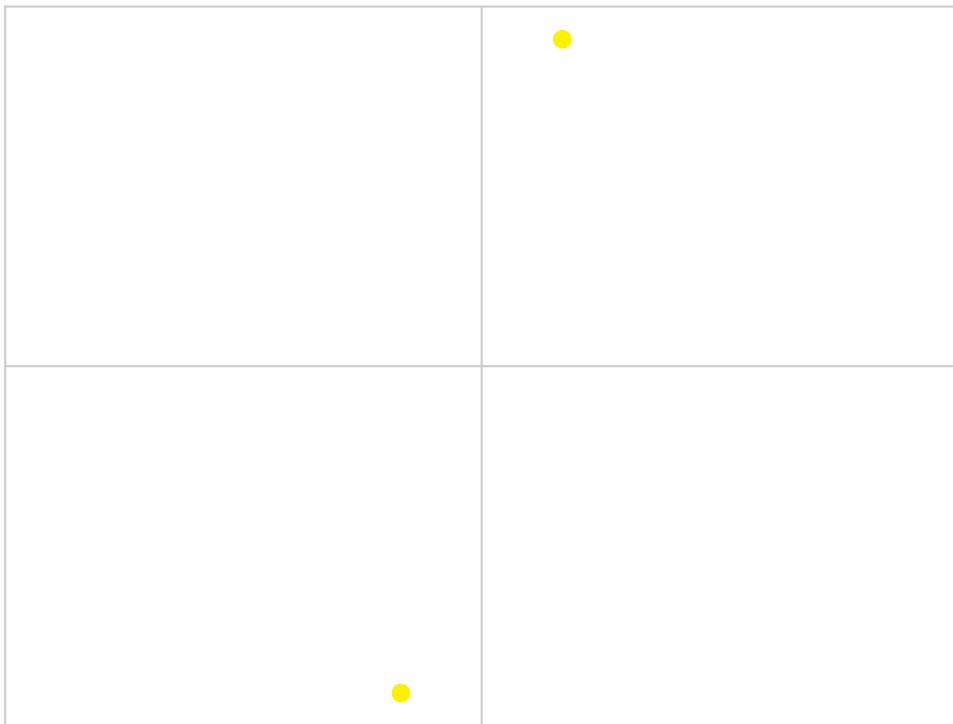
Primary cluster 207; grid spacing: 1.0% ANI



Primary cluster 209; grid spacing: 1.0% ANI

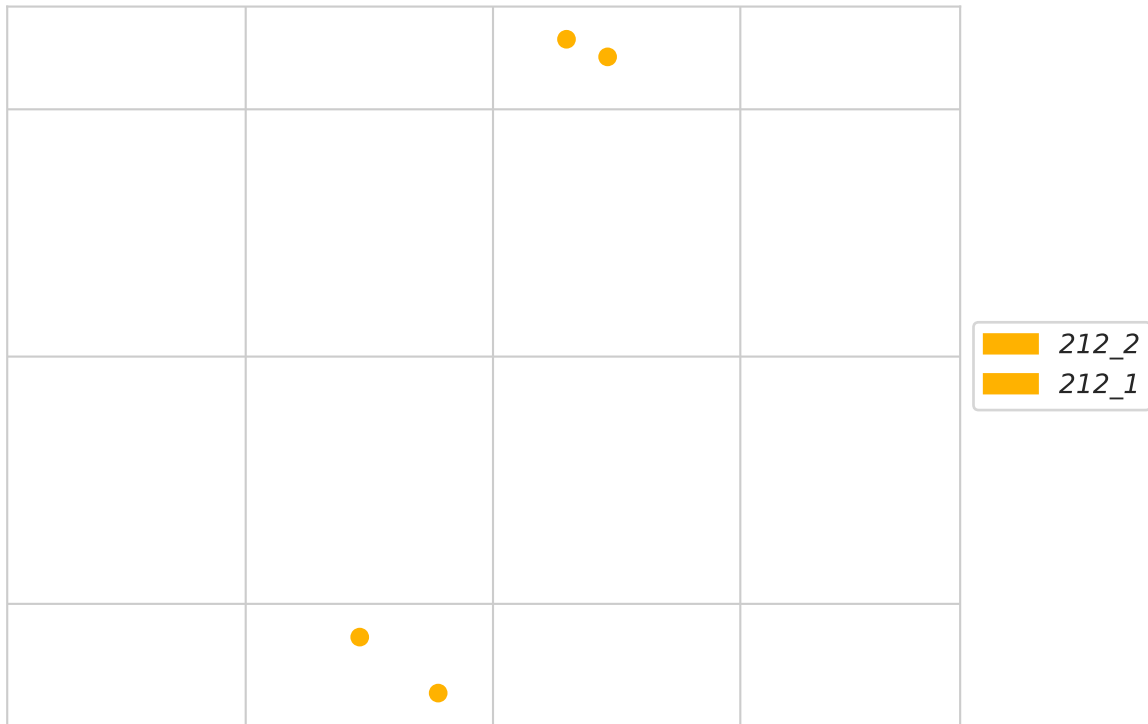


Primary cluster 211; grid spacing: 1.0% ANI



 211\_1

# Primary cluster 212; grid spacing: 1.0% ANI

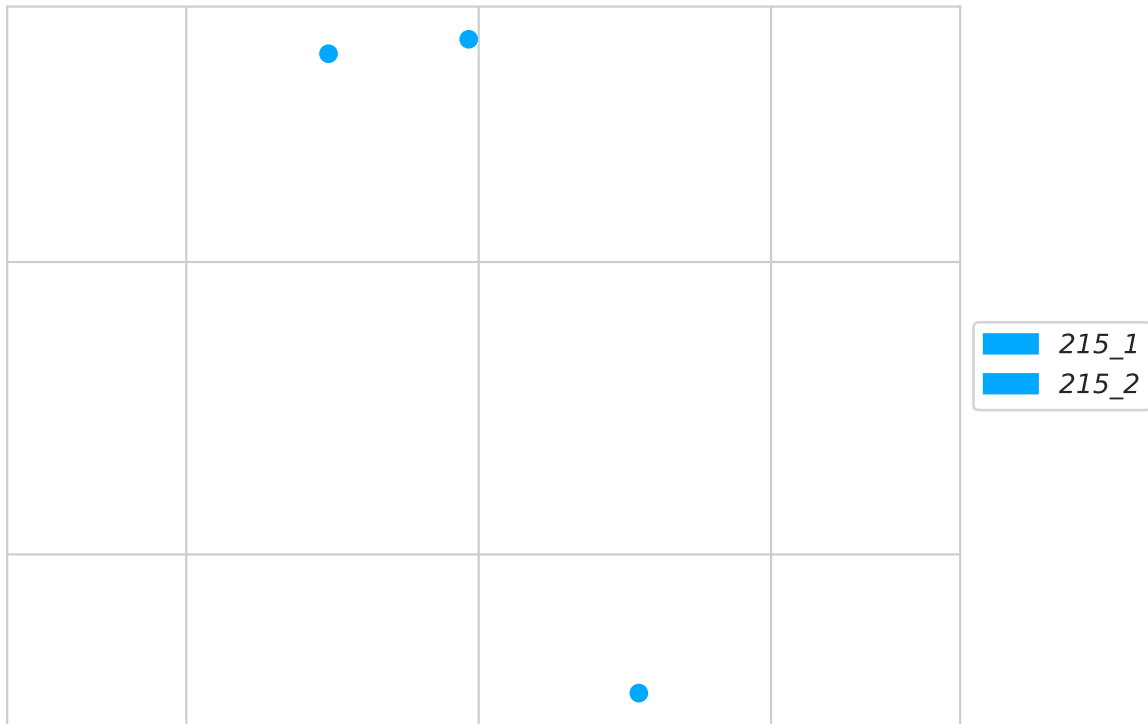


Primary cluster 213; grid spacing: 1.0% ANI





Primary cluster 215; grid spacing: 1.0% ANI

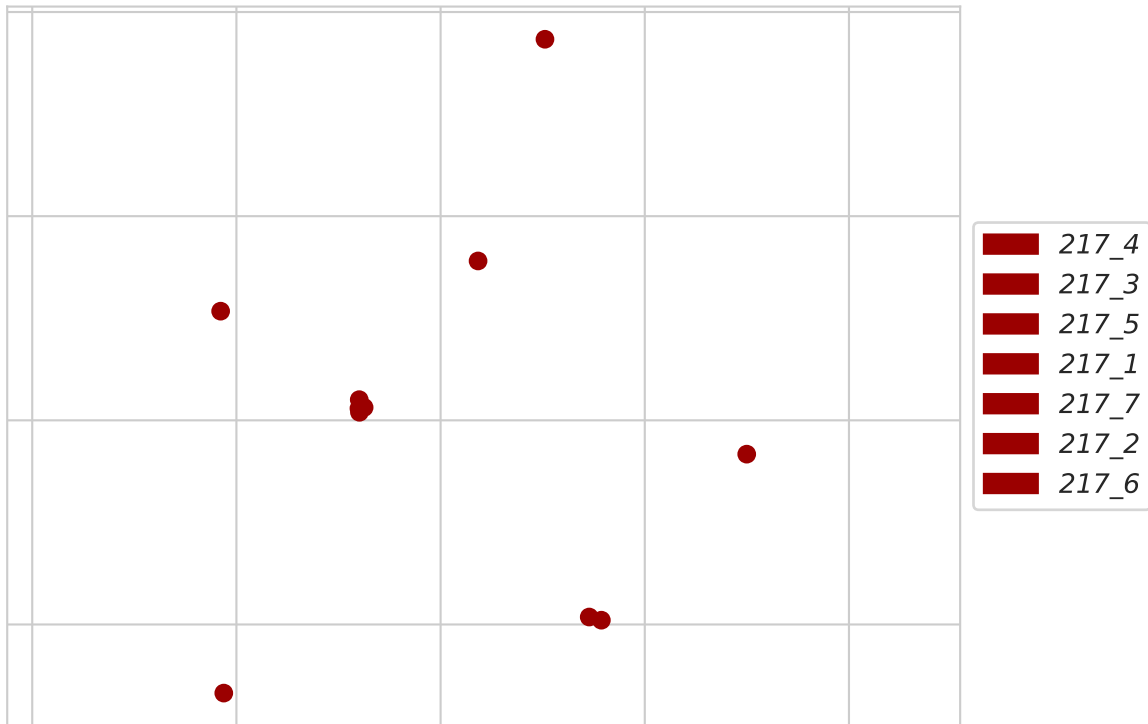


Primary cluster 216; grid spacing: 1.0% ANI

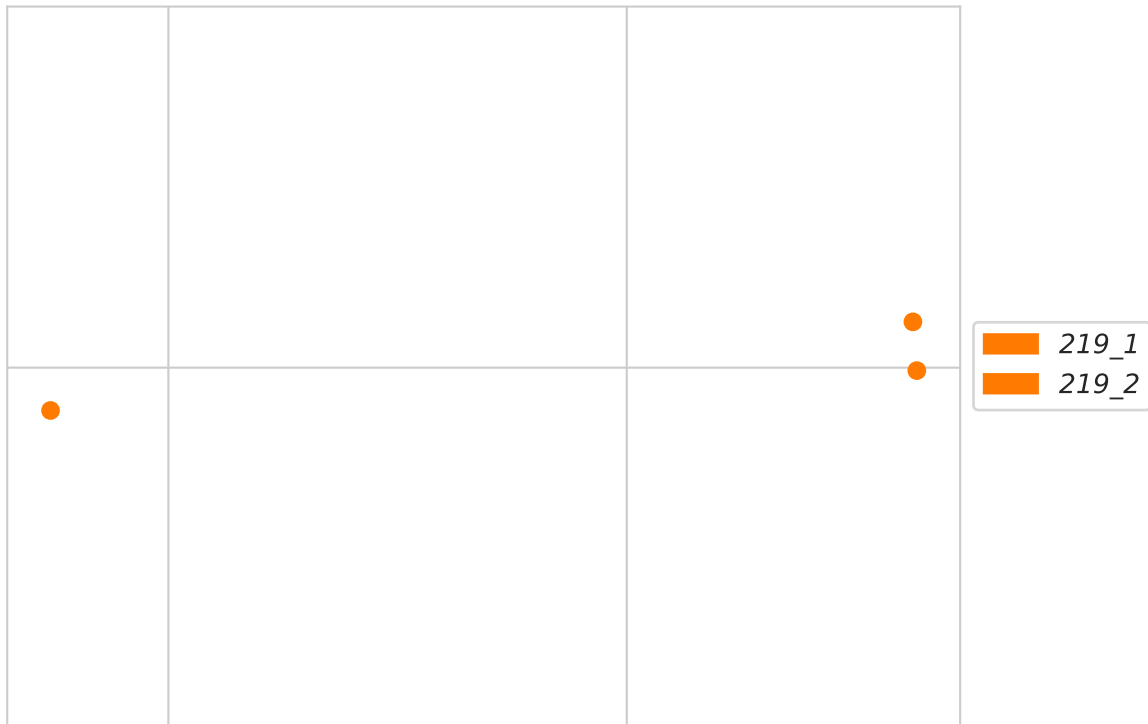


 216\_1

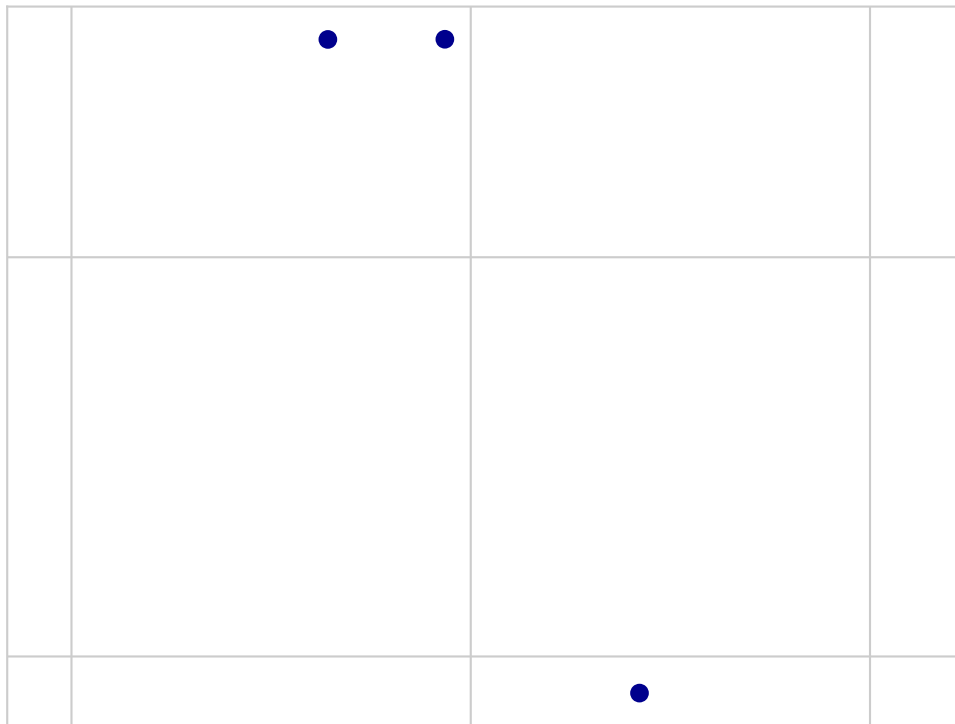
Primary cluster 217; grid spacing: 1.0% ANI



Primary cluster 219; grid spacing: 1.0% ANI

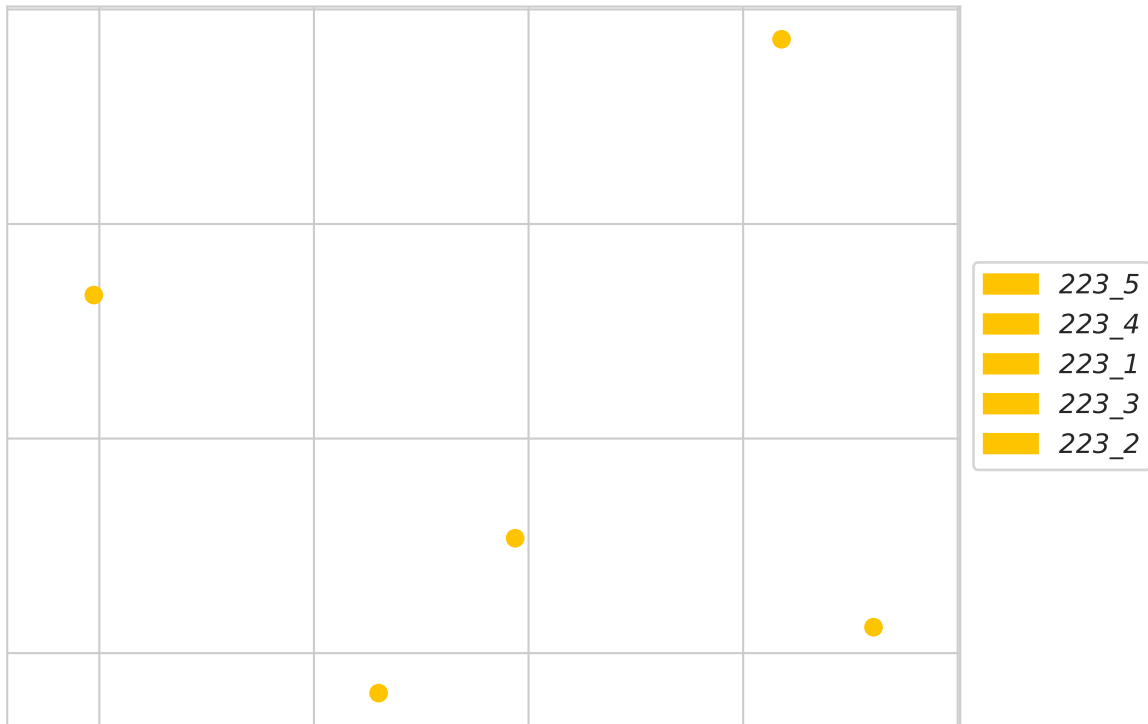


Primary cluster 221; grid spacing: 1.0% ANI

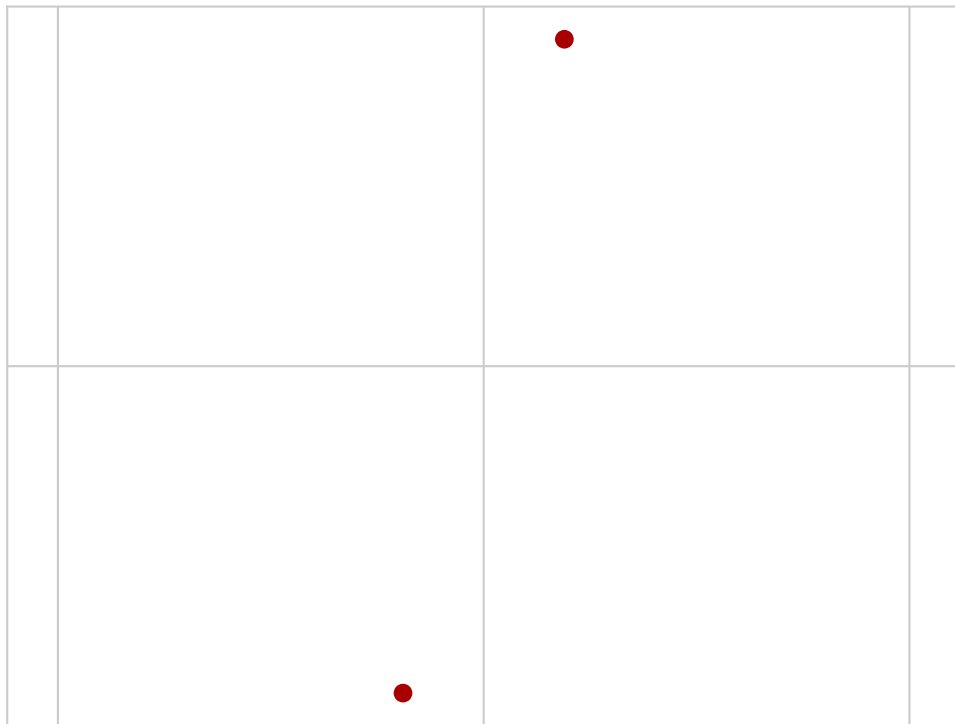


221\_1  
221\_2

Primary cluster 223; grid spacing: 1.0% ANI

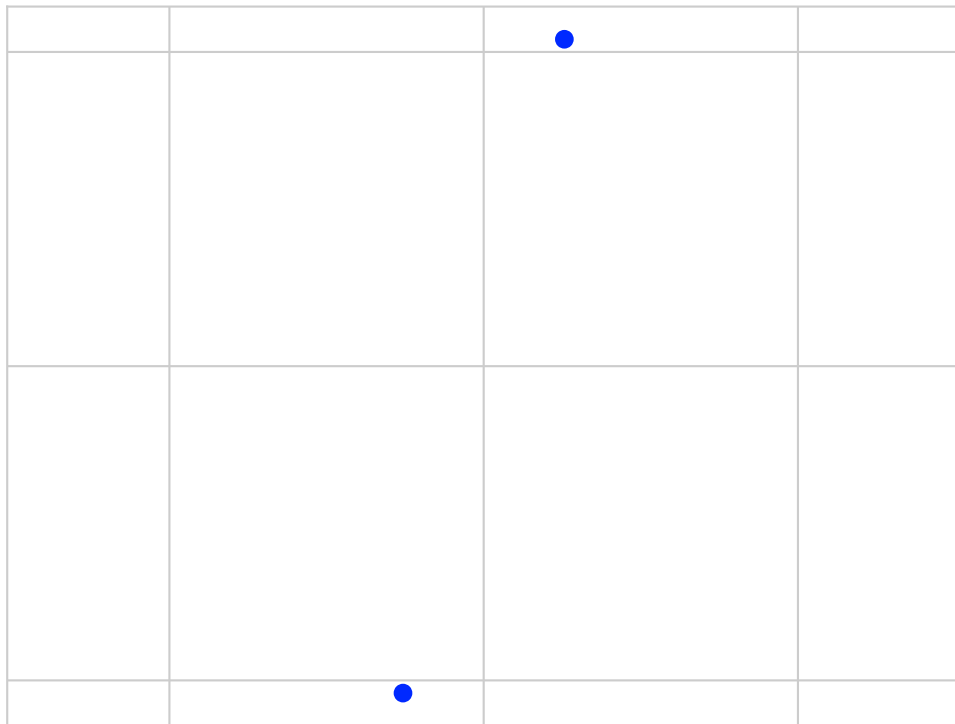


Primary cluster 225; grid spacing: 1.0% ANI



225\_1  
225\_2

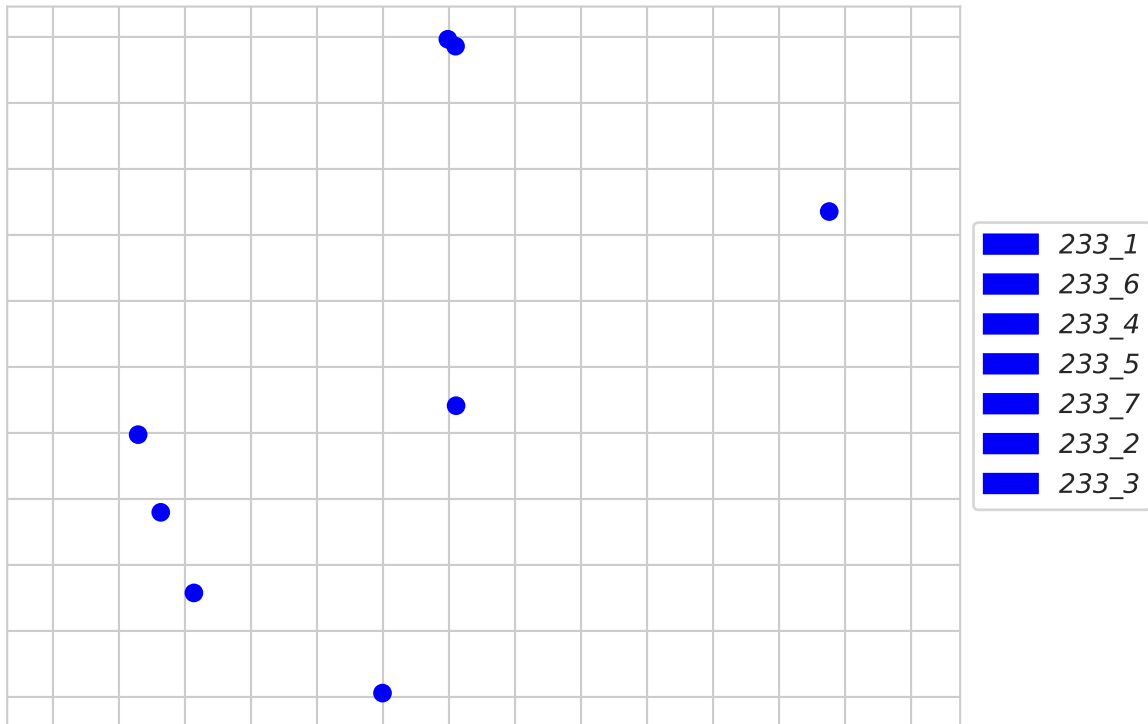
Primary cluster 229; grid spacing: 1.0% ANI



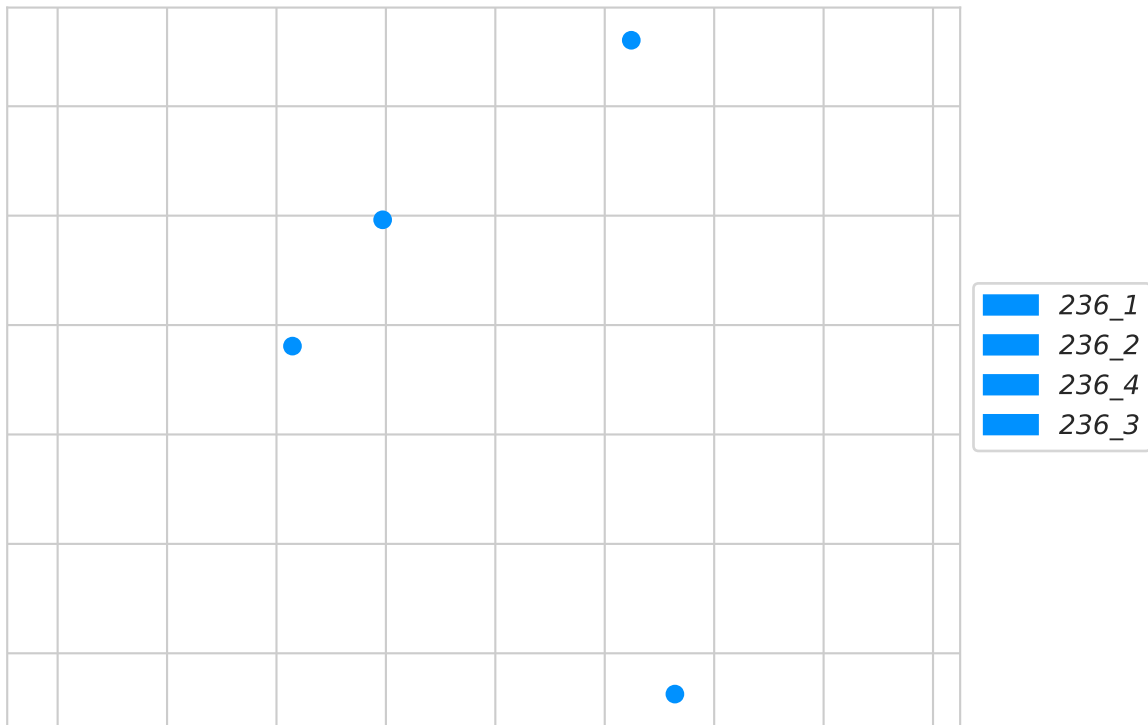
229\_1  
229\_2



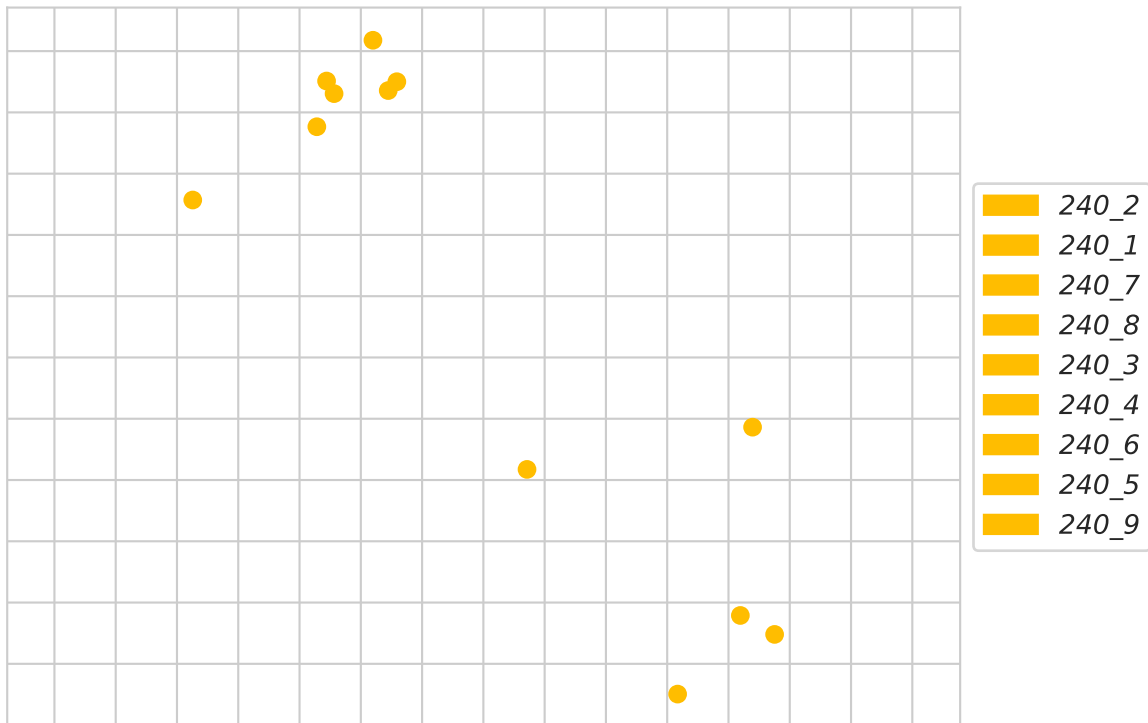
Primary cluster 233; grid spacing: 1.0% ANI



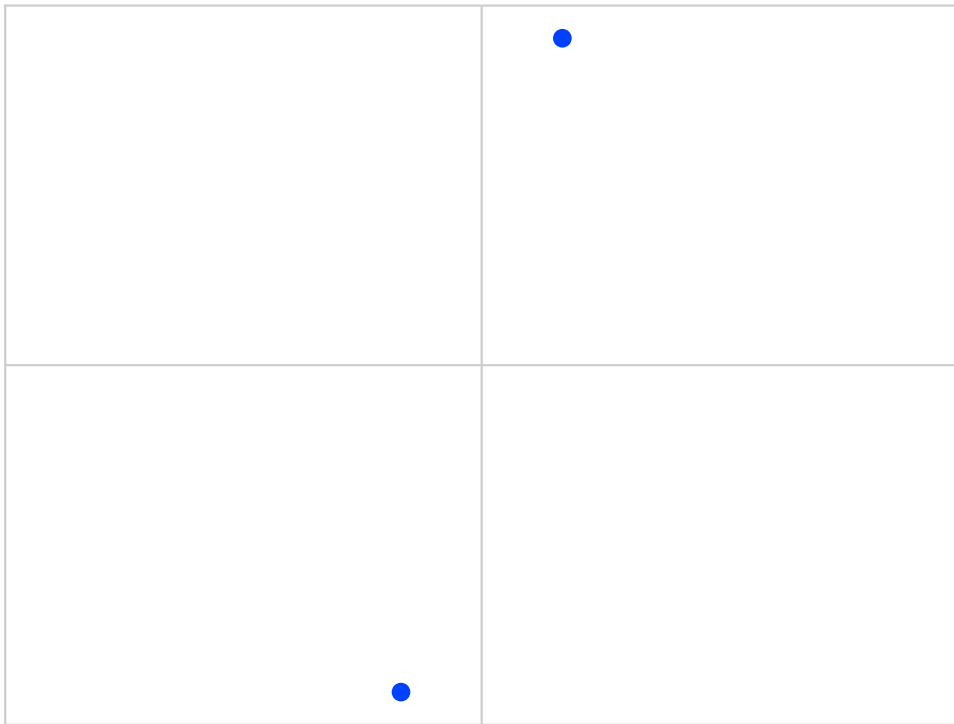
Primary cluster 236; grid spacing: 1.0% ANI



Primary cluster 240; grid spacing: 1.0% ANI

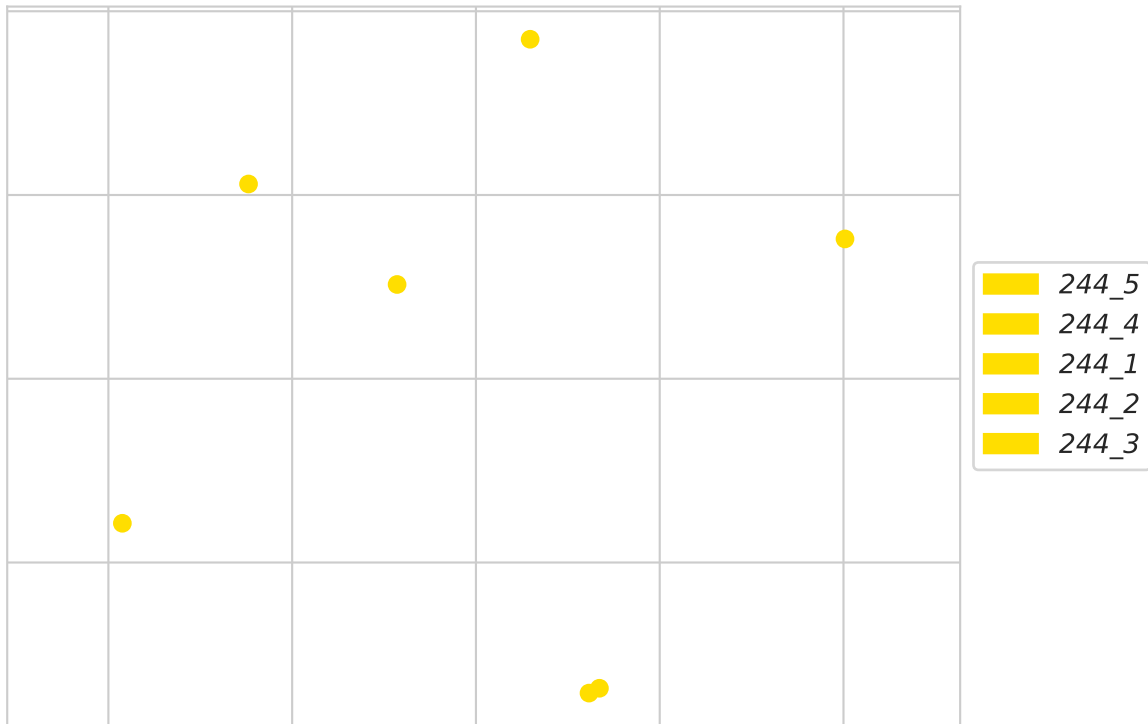


Primary cluster 243; grid spacing: 1.0% ANI

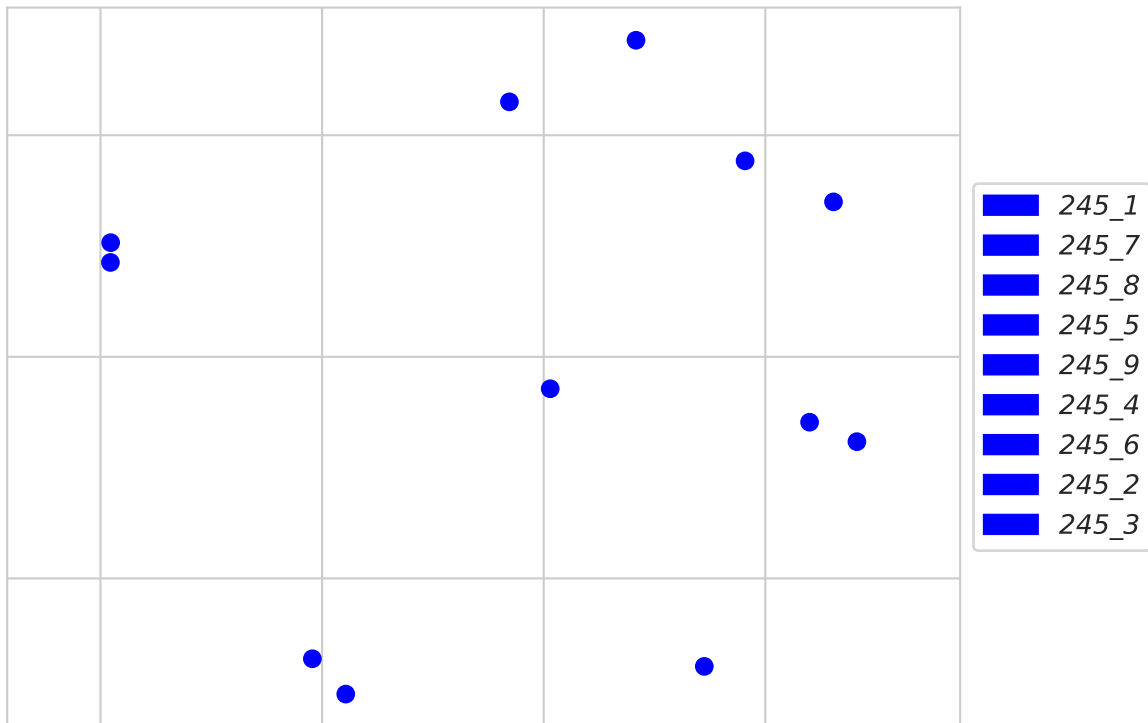


243\_1

Primary cluster 244; grid spacing: 1.0% ANI



Primary cluster 245; grid spacing: 1.0% ANI

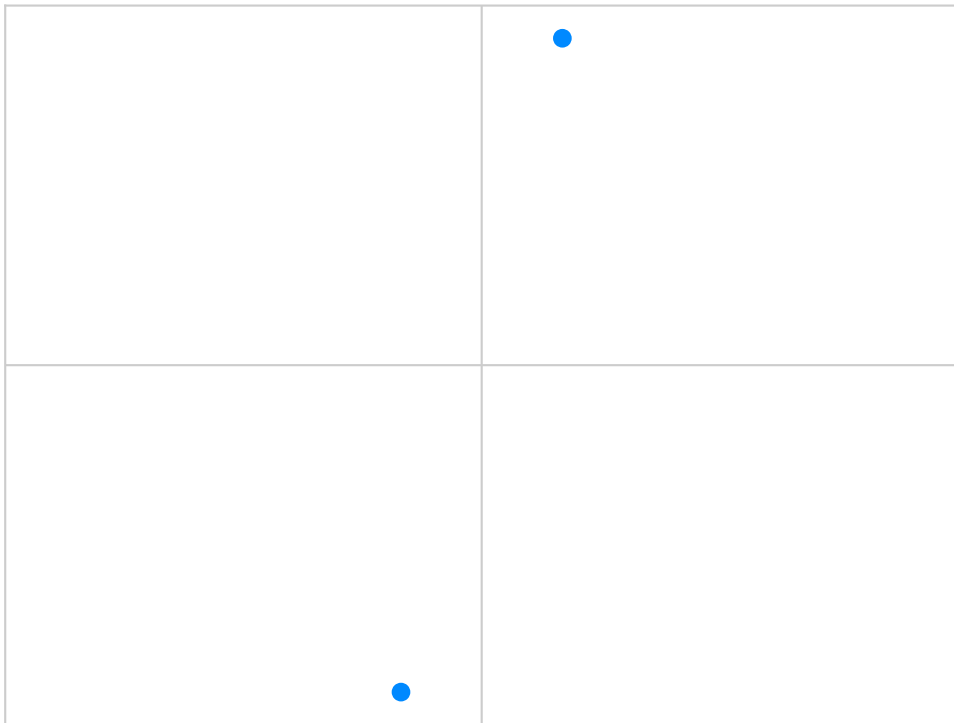


Primary cluster 246; grid spacing: 1.0% ANI



246\_1

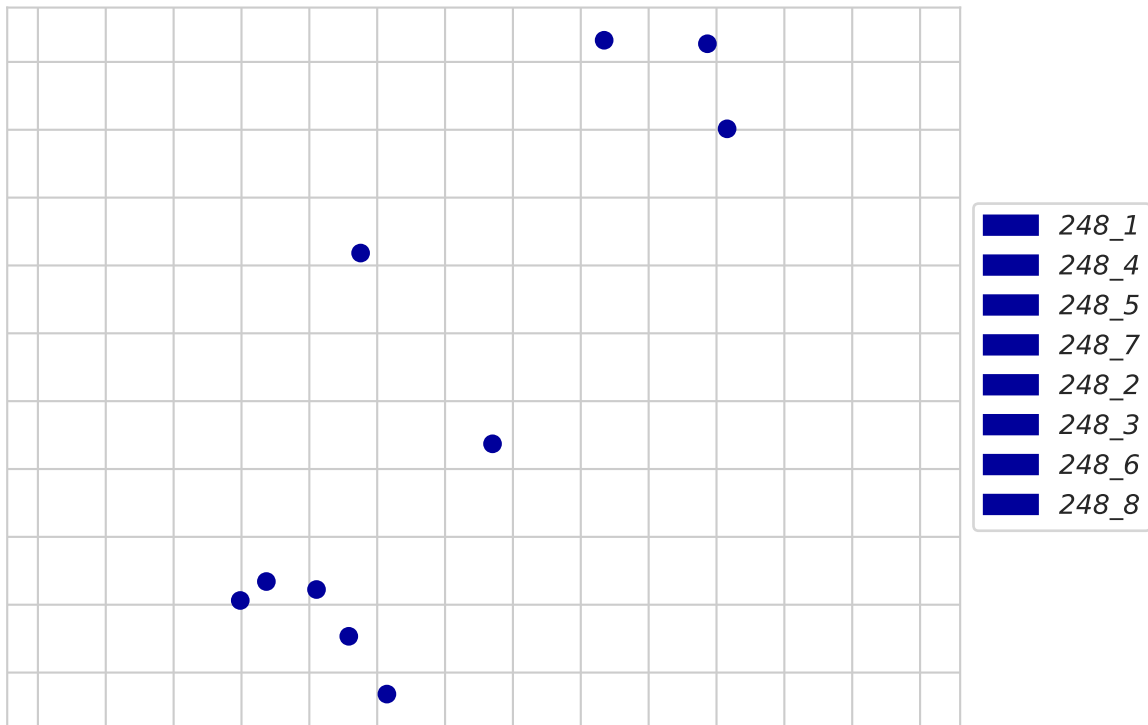
Primary cluster 247; grid spacing: 1.0% ANI



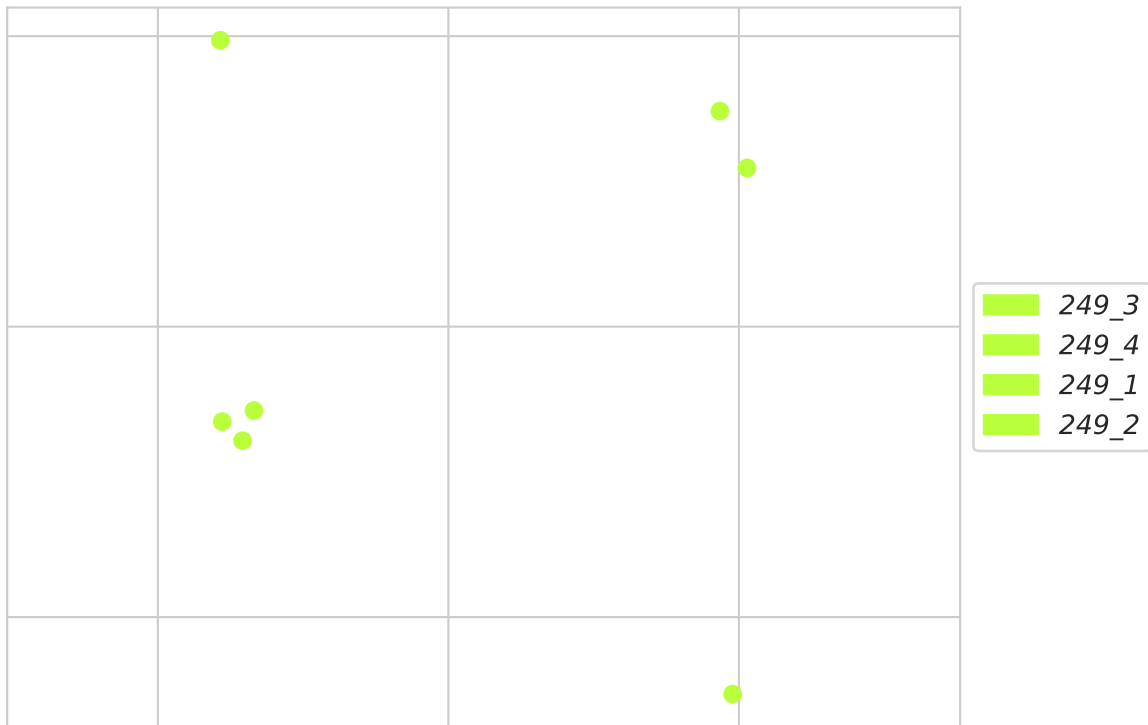
247\_1



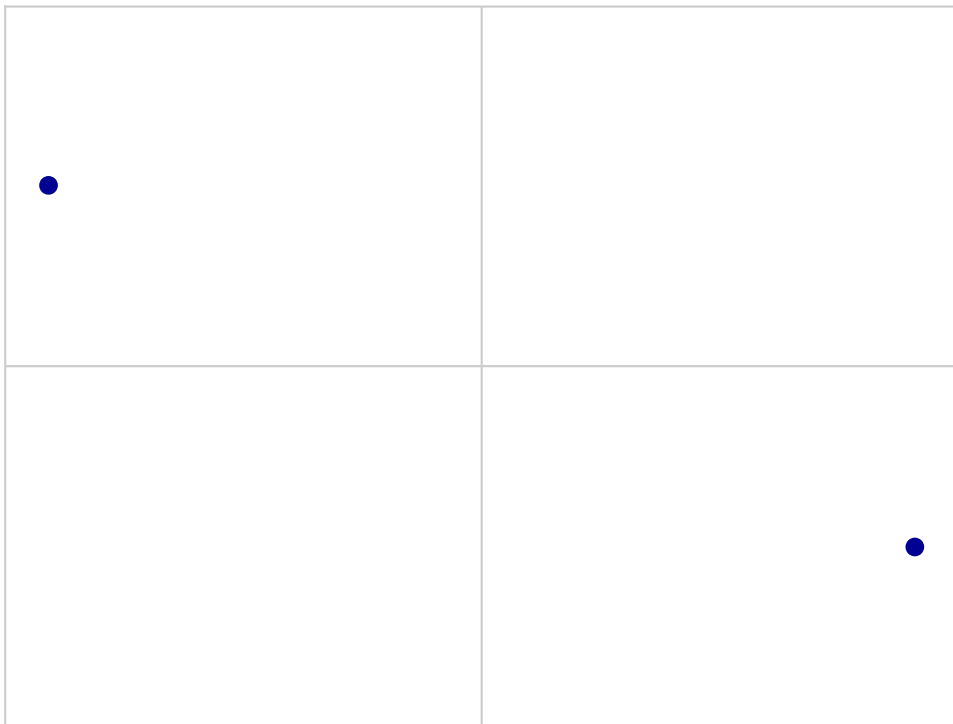
Primary cluster 248; grid spacing: 1.0% ANI



Primary cluster 249; grid spacing: 1.0% ANI

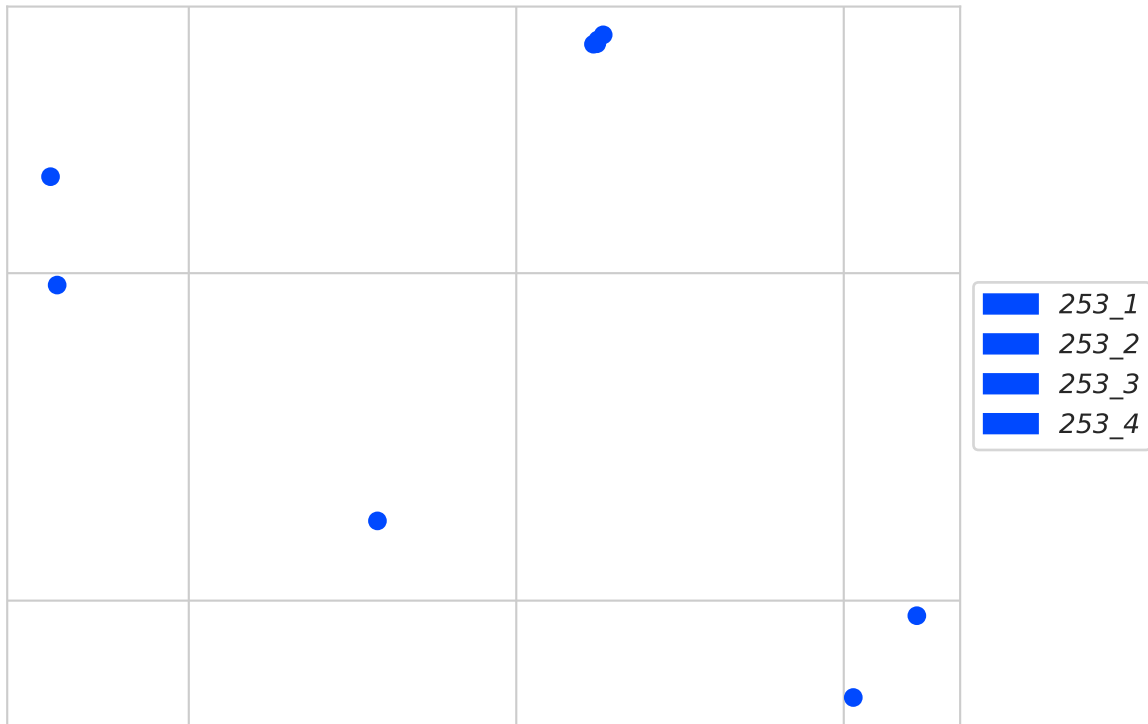


Primary cluster 252; grid spacing: 1.0% ANI



252\_1

Primary cluster 253; grid spacing: 1.0% ANI



Primary cluster 255; grid spacing: 1.0% ANI

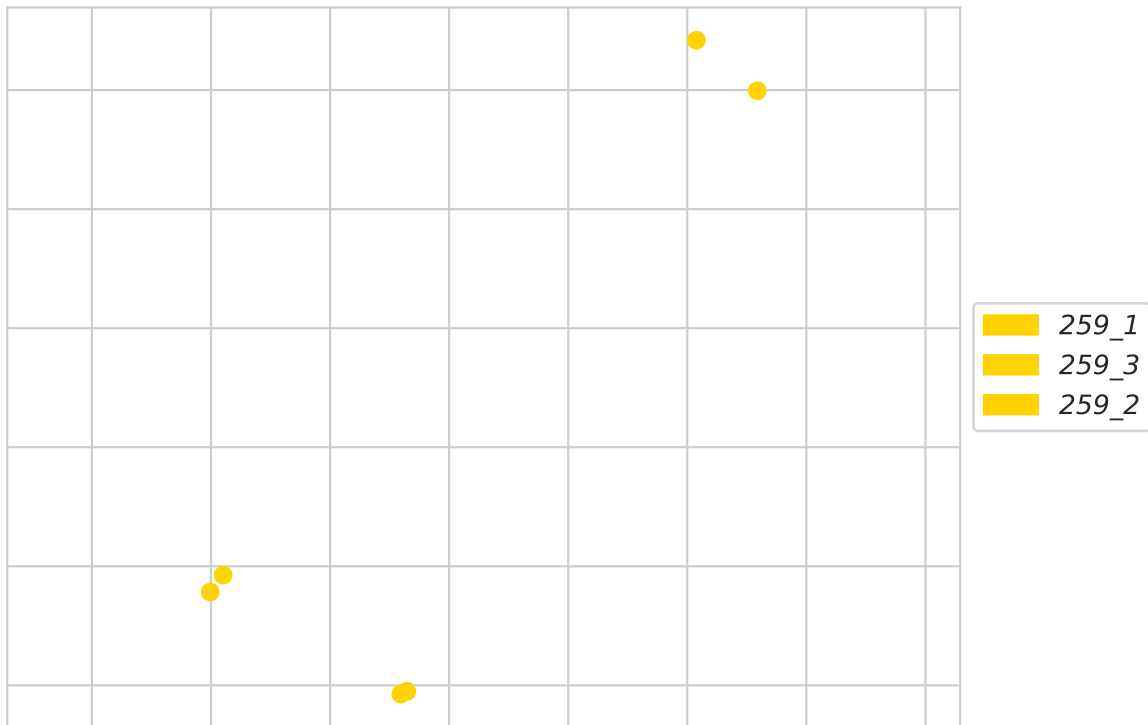


255\_1

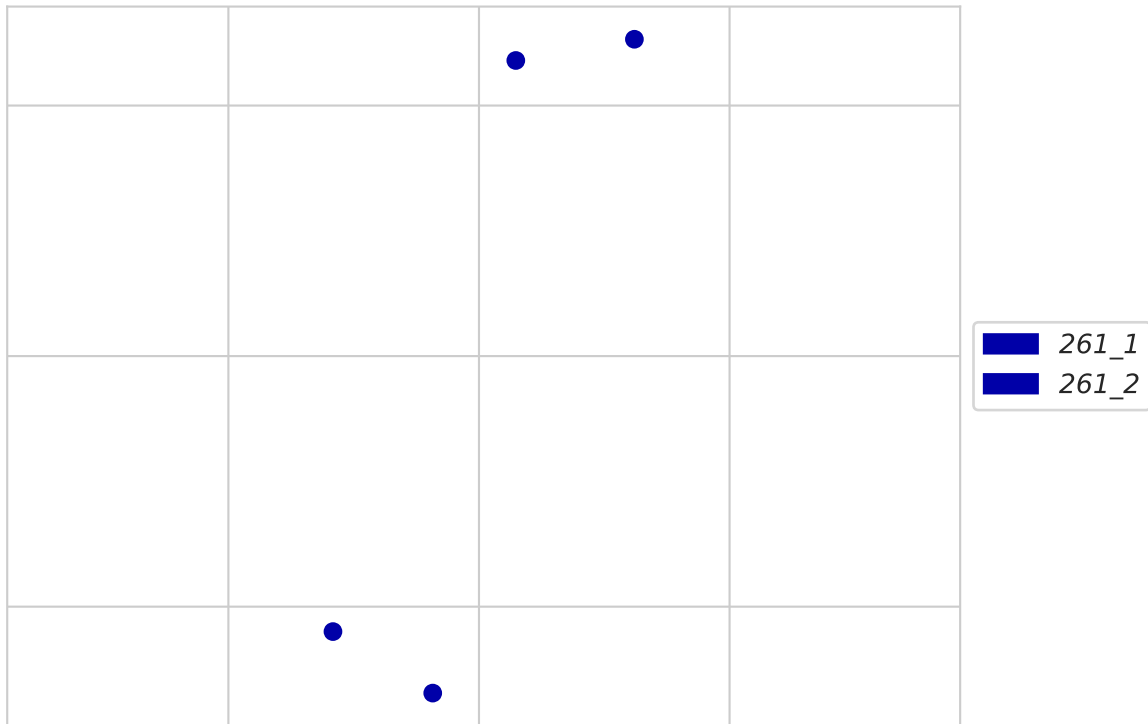
Primary cluster 256; grid spacing: 1.0% ANI



Primary cluster 259; grid spacing: 1.0% ANI

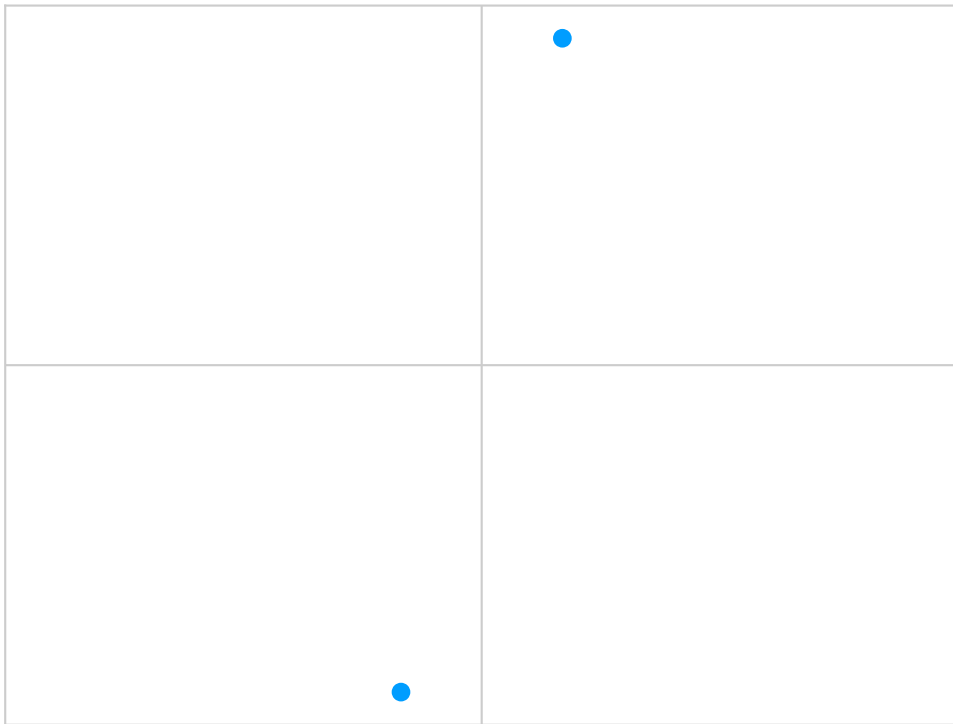


Primary cluster 261; grid spacing: 1.0% ANI





Primary cluster 265; grid spacing: 1.0% ANI

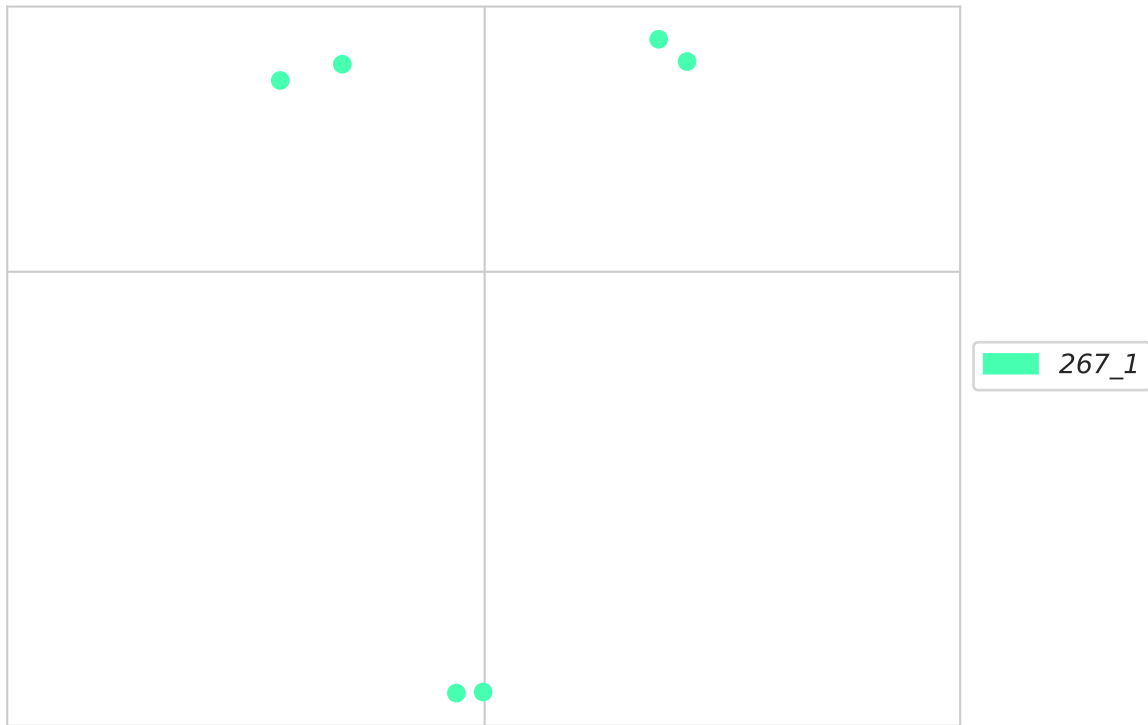


265\_1

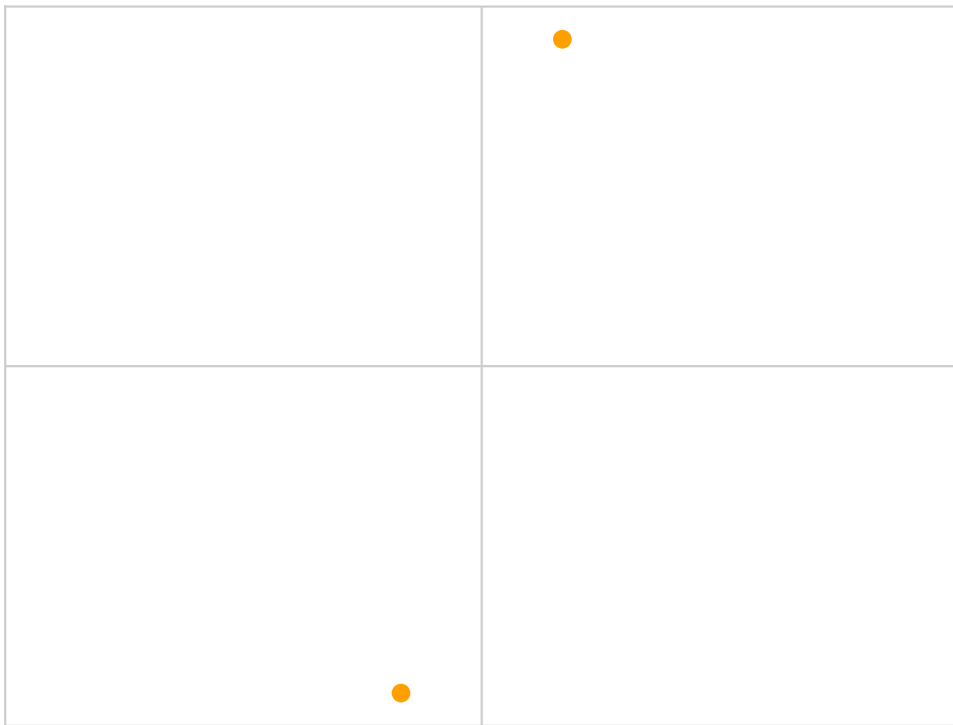
Primary cluster 266; grid spacing: 1.0% ANI



Primary cluster 267; grid spacing: 1.0% ANI

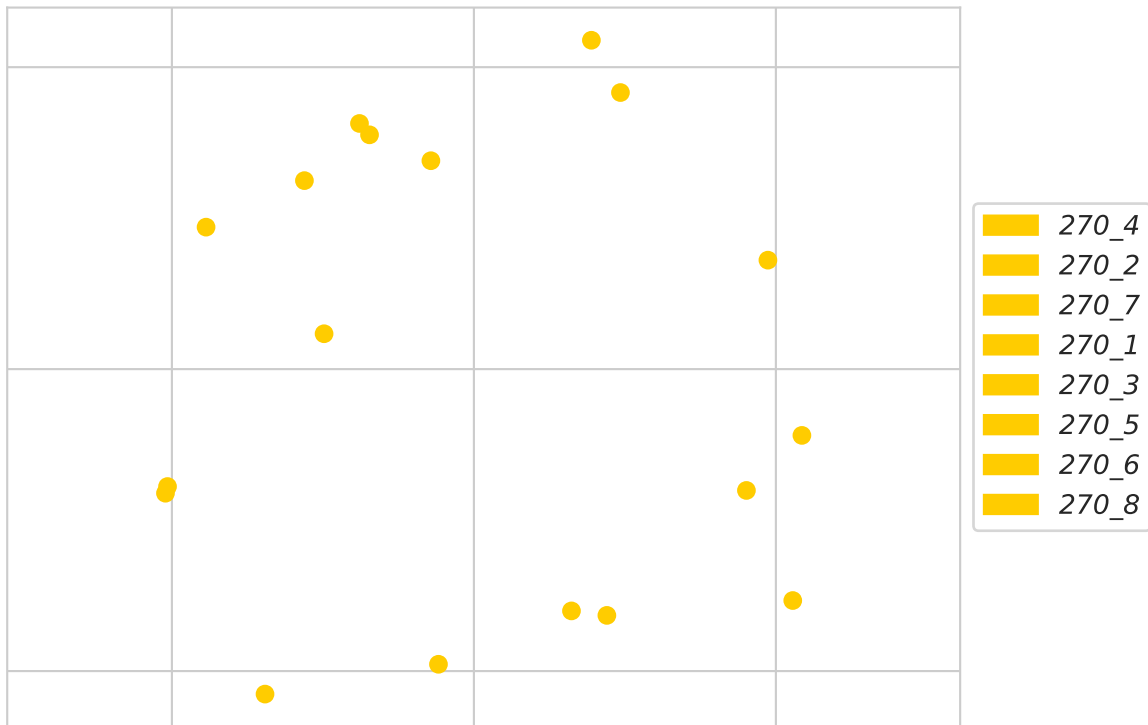


Primary cluster 269; grid spacing: 1.0% ANI

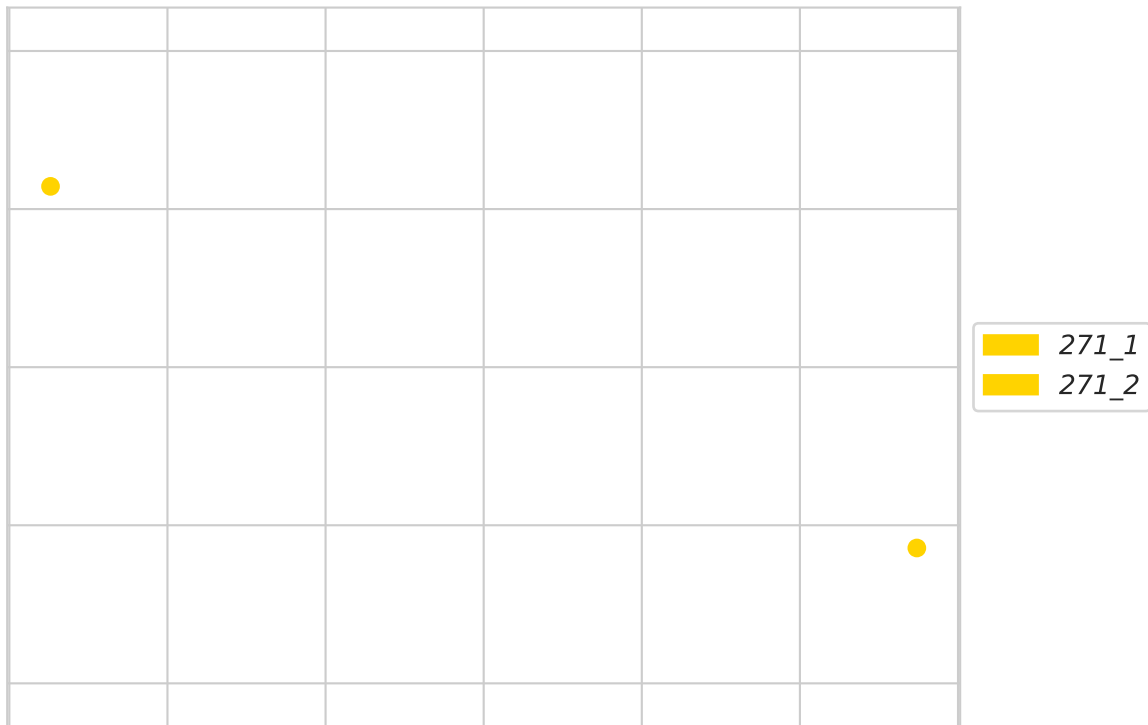


 269\_1

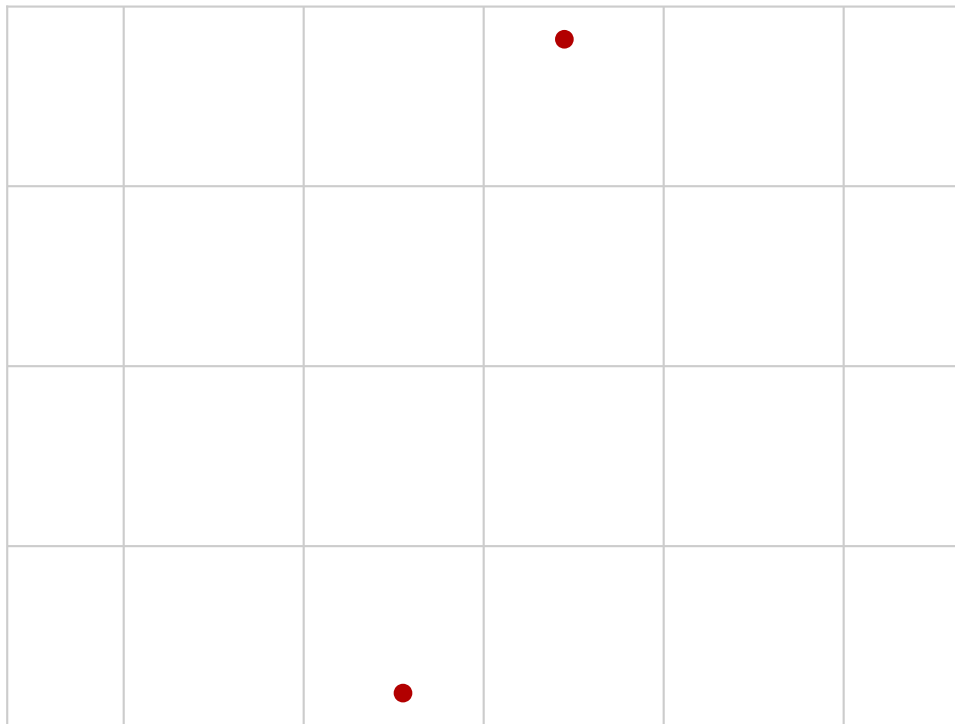
Primary cluster 270; grid spacing: 1.0% ANI



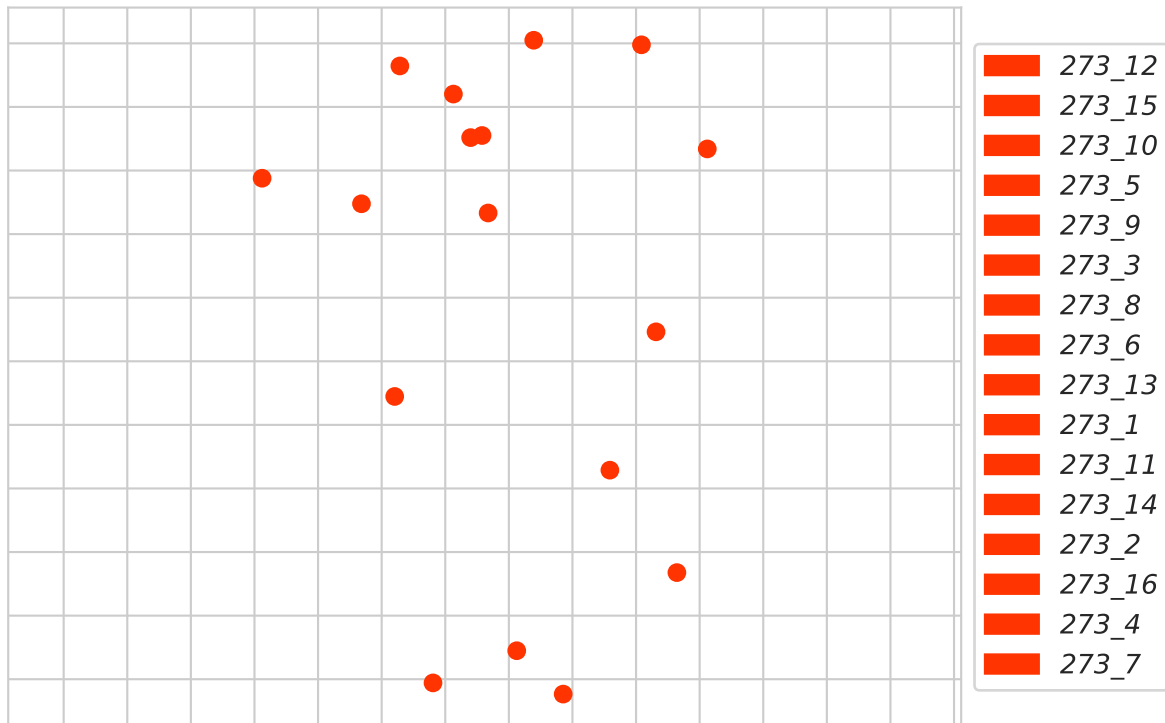
Primary cluster 271; grid spacing: 1.0% ANI



Primary cluster 272; grid spacing: 1.0% ANI

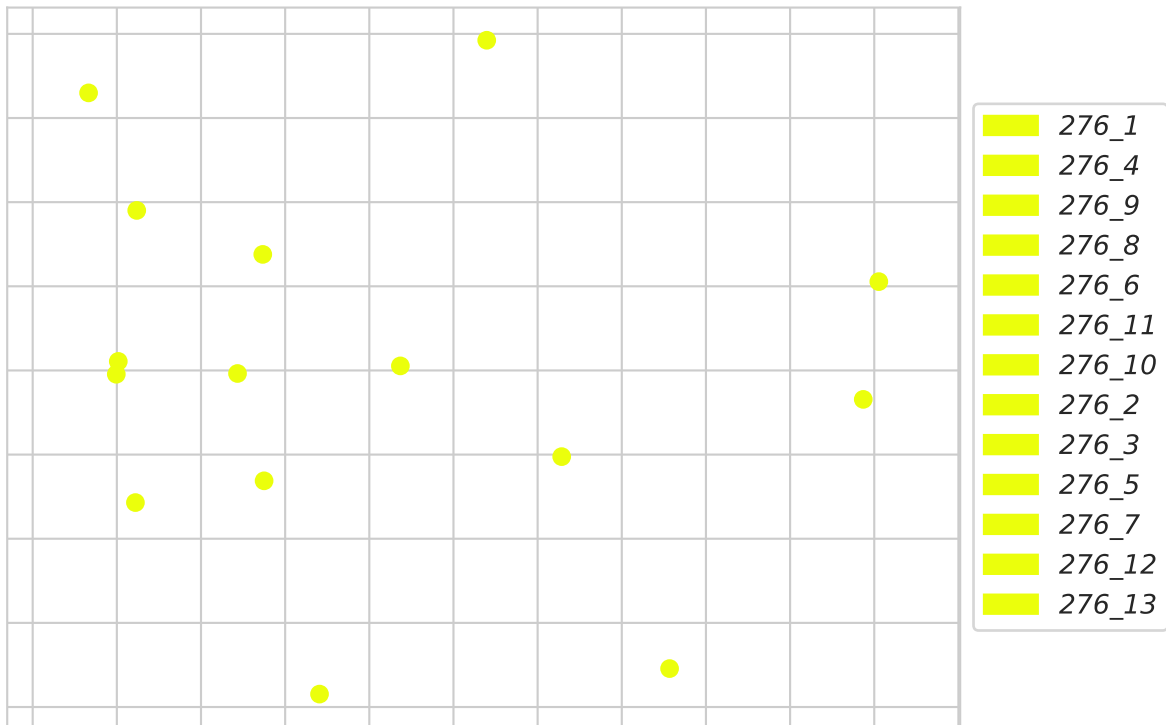


Primary cluster 273; grid spacing: 1.0% ANI

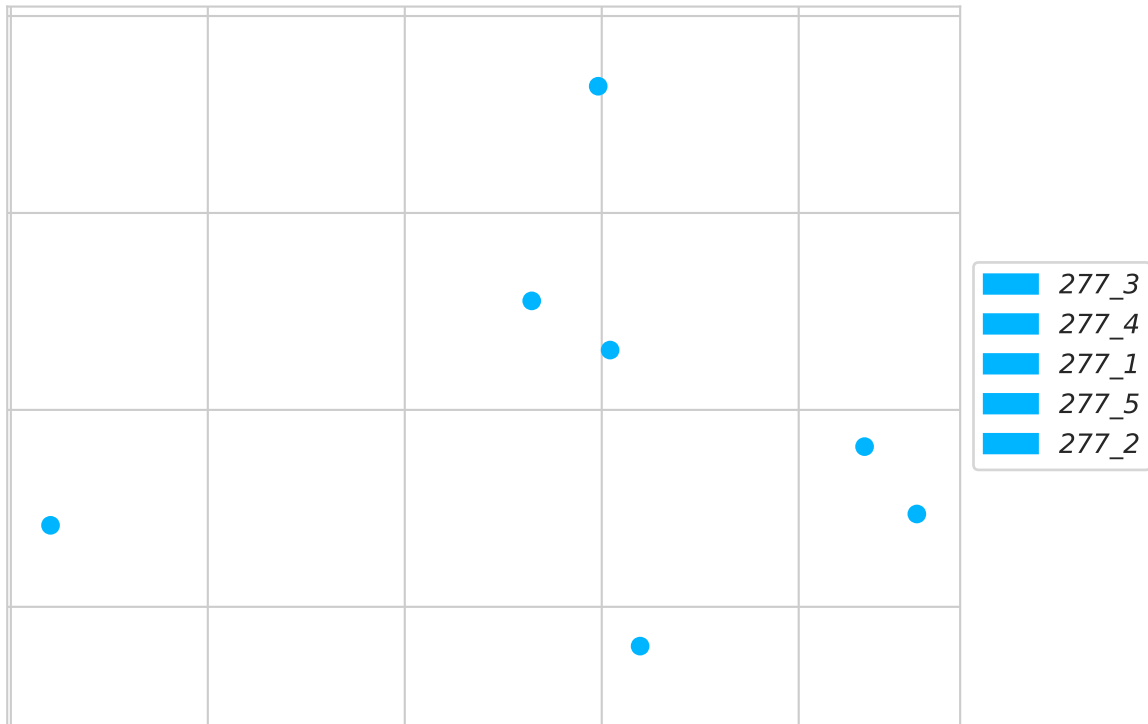




Primary cluster 276; grid spacing: 1.0% ANI



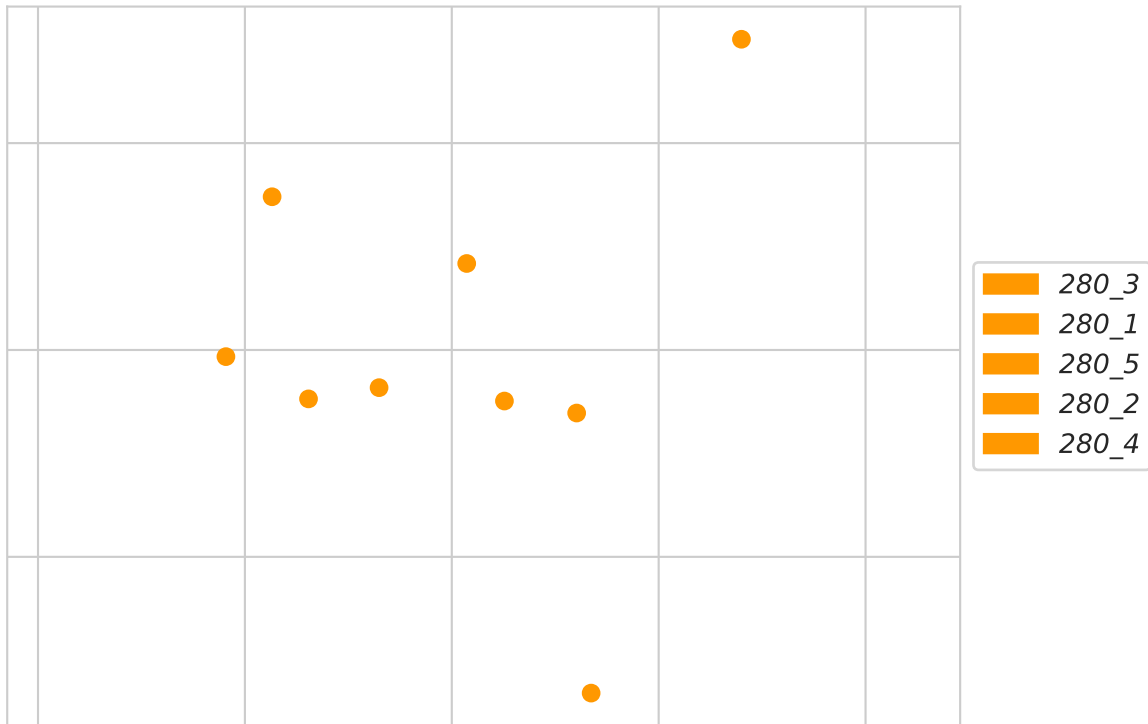
Primary cluster 277; grid spacing: 1.0% ANI



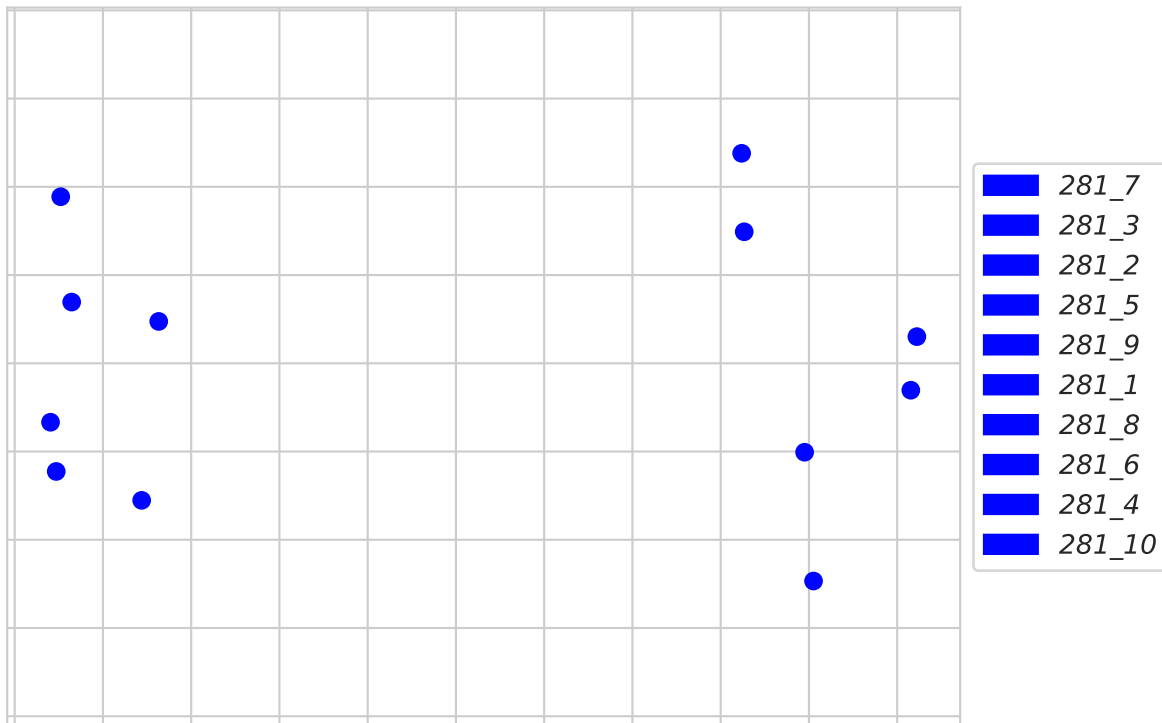
Primary cluster 279; grid spacing: 1.0% ANI



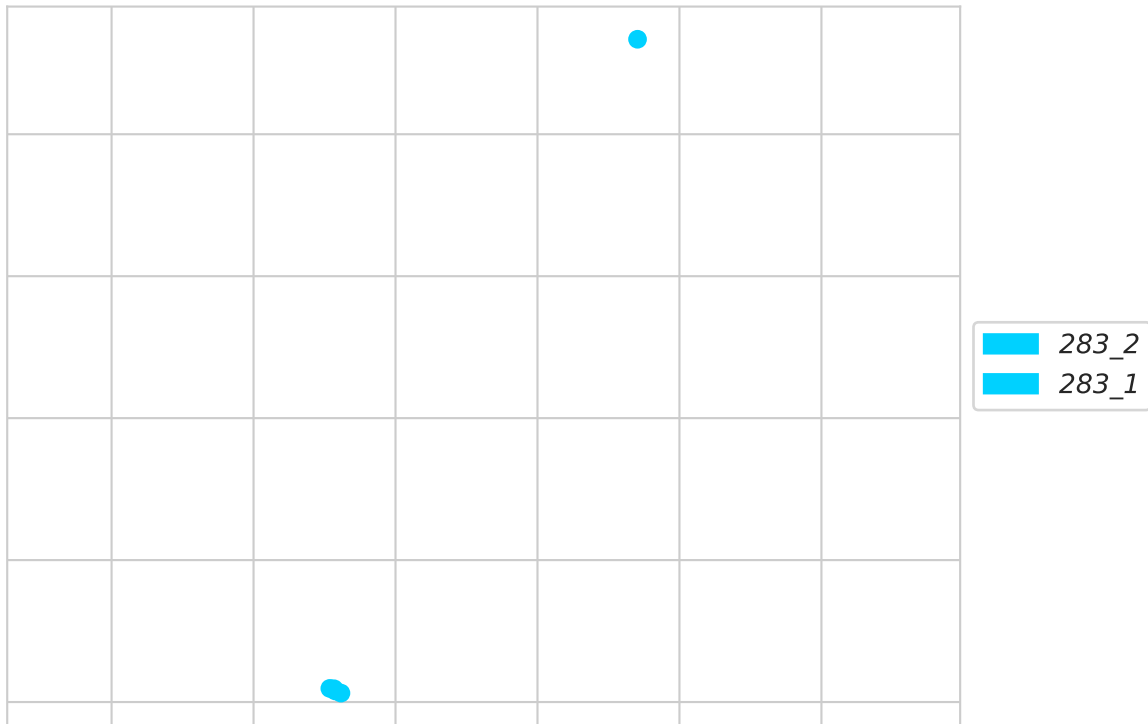
Primary cluster 280; grid spacing: 1.0% ANI



Primary cluster 281; grid spacing: 1.0% ANI



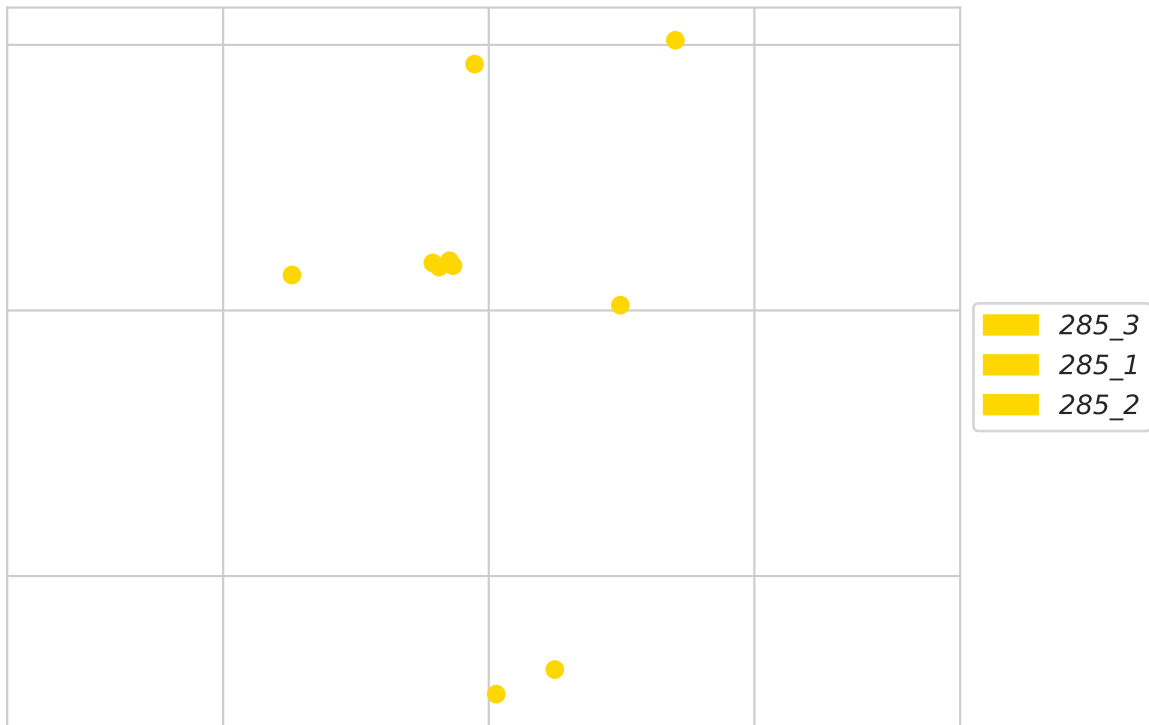
Primary cluster 283; grid spacing: 1.0% ANI



Primary cluster 284; grid spacing: 1.0% ANI



Primary cluster 285; grid spacing: 1.0% ANI

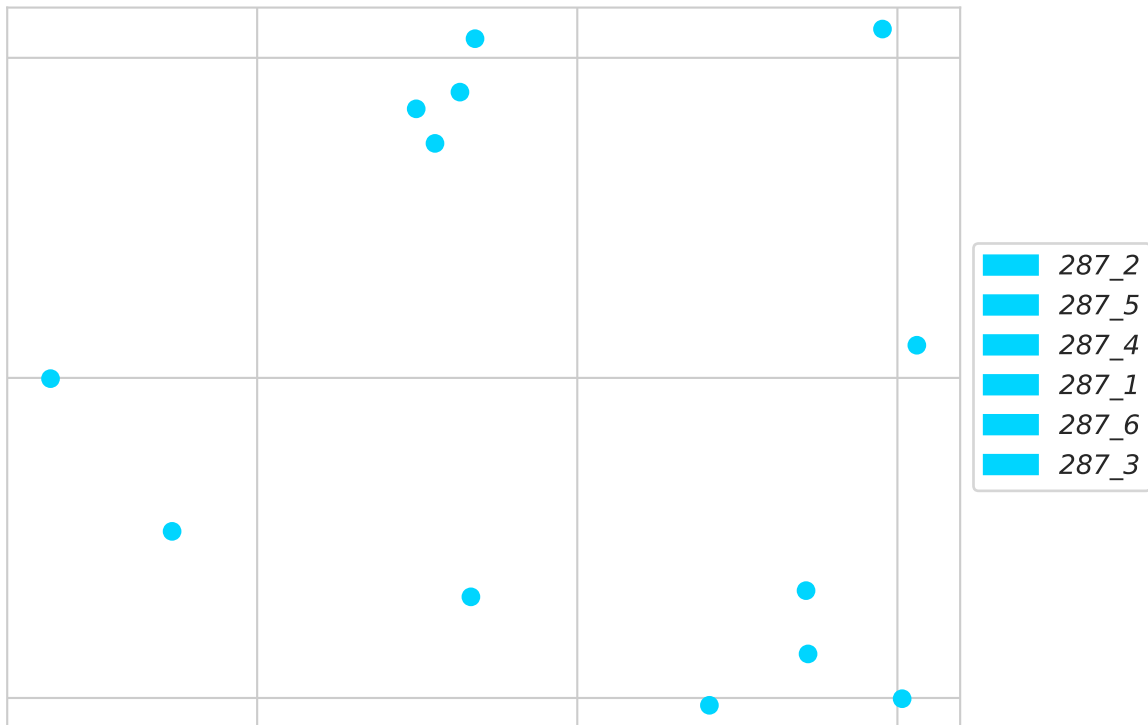




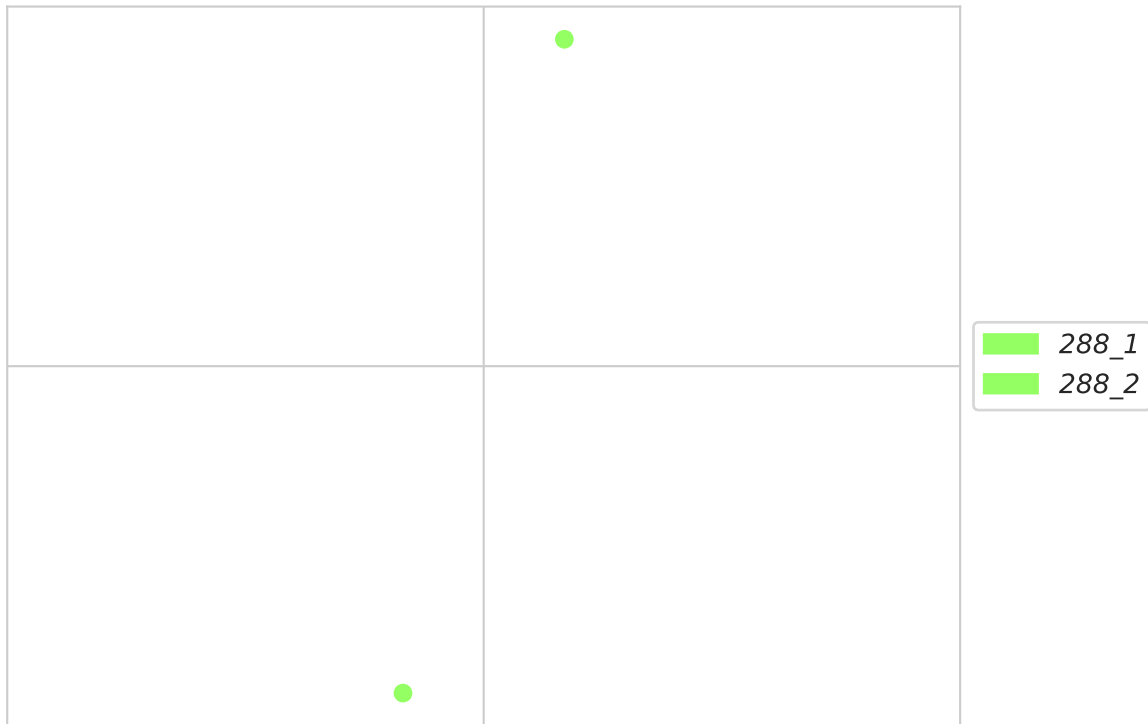
Primary cluster 286; grid spacing: 1.0% ANI



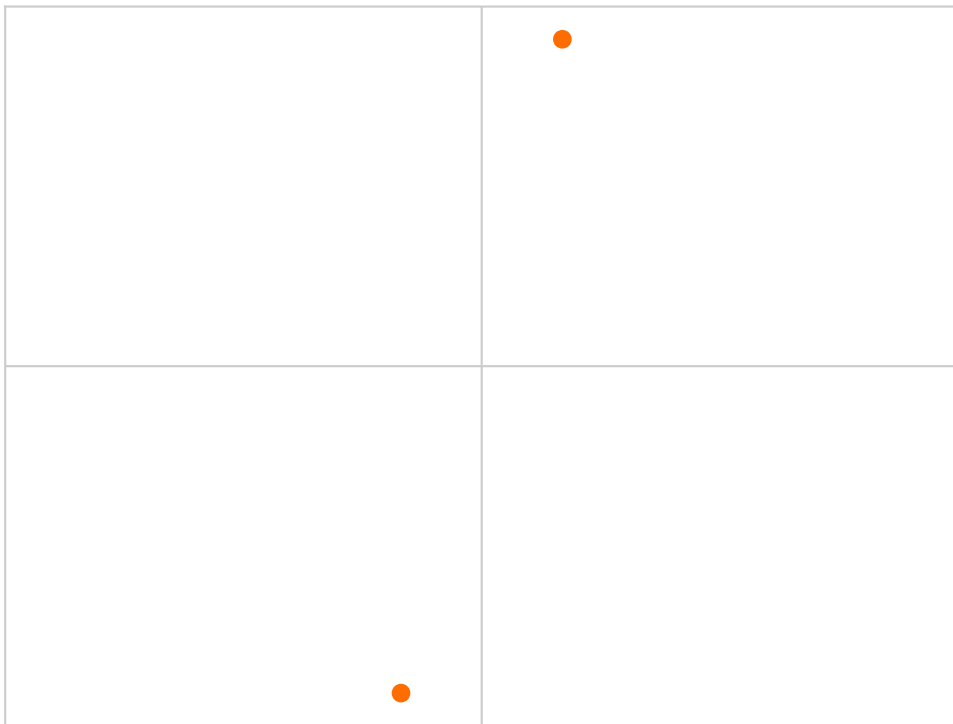
Primary cluster 287; grid spacing: 1.0% ANI



Primary cluster 288; grid spacing: 1.0% ANI

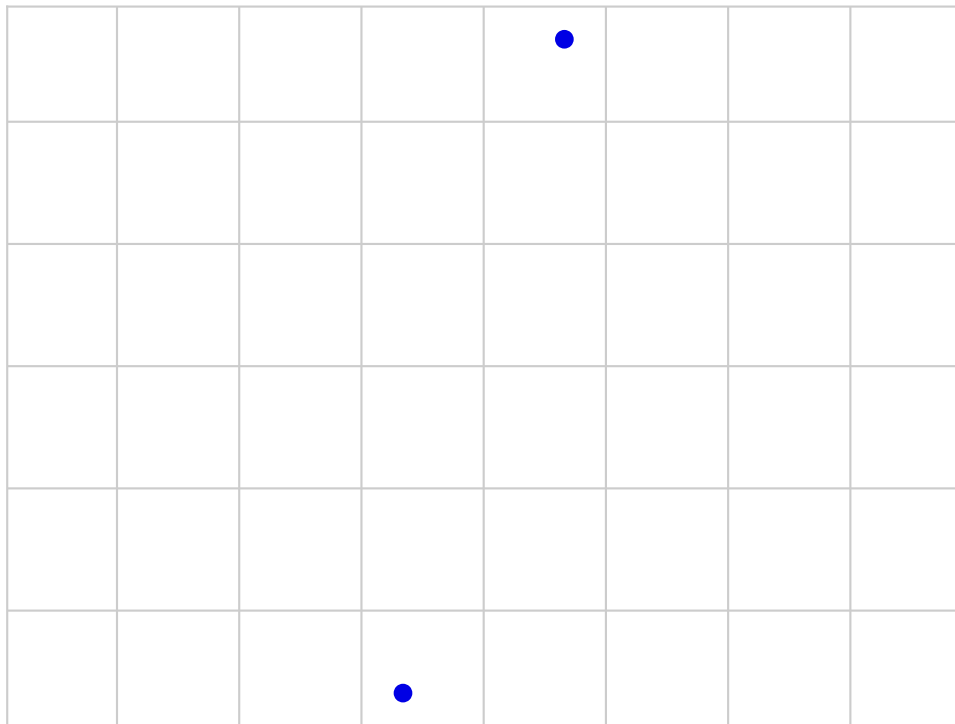


Primary cluster 290; grid spacing: 1.0% ANI



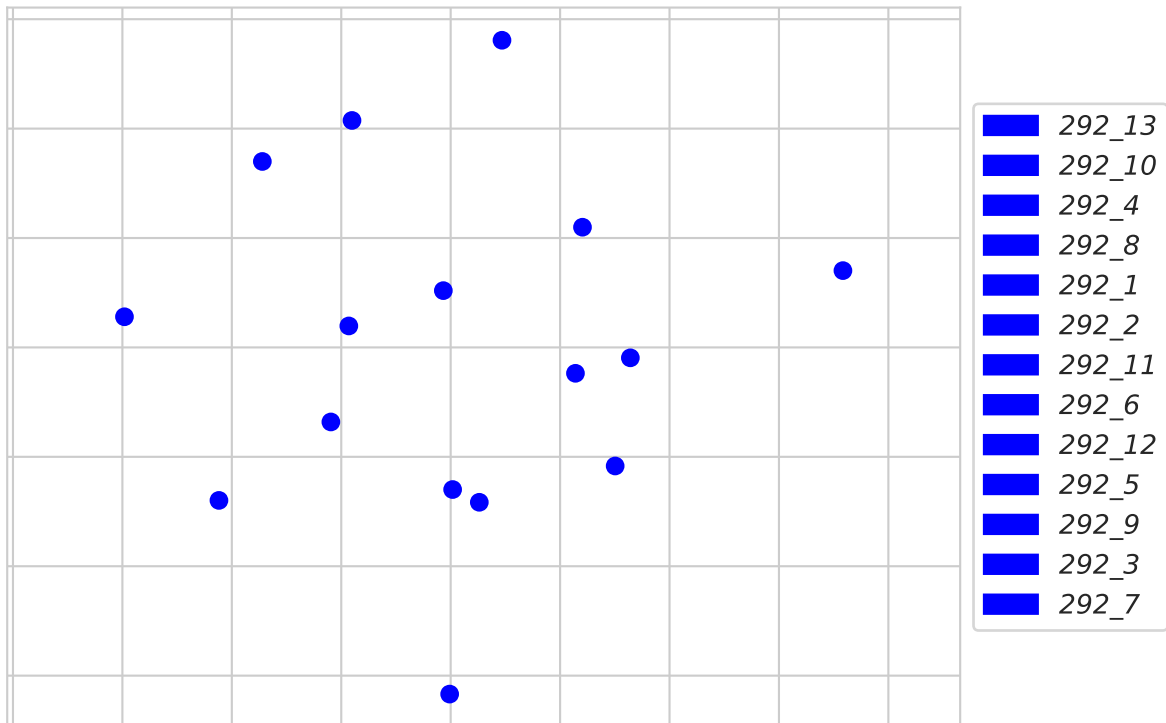
 290\_1

Primary cluster 291; grid spacing: 1.0% ANI

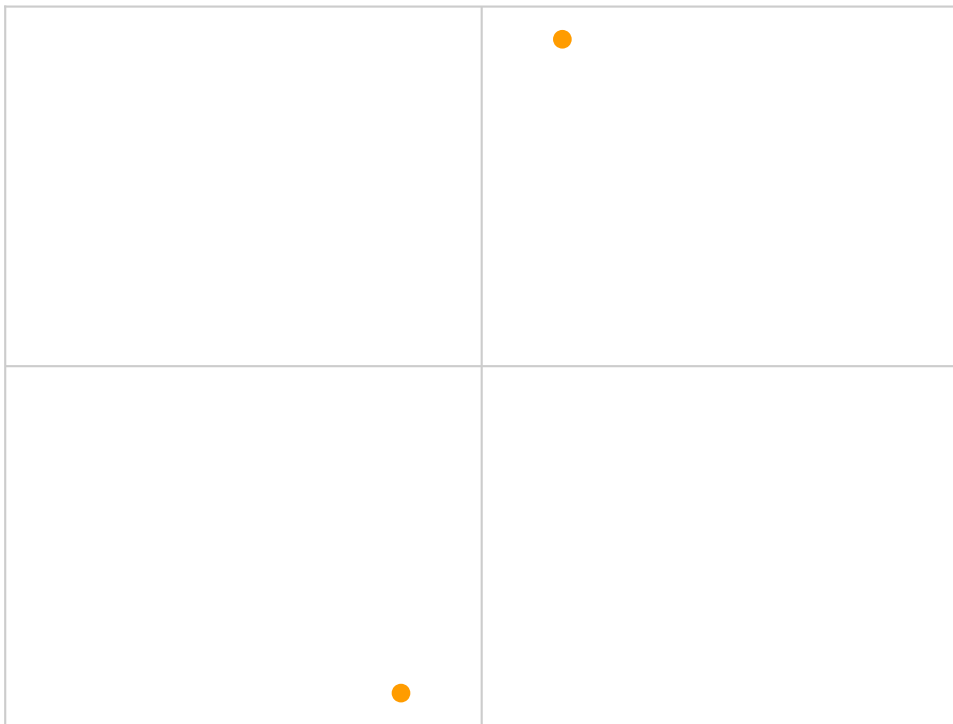


291\_1  
291\_2

Primary cluster 292; grid spacing: 1.0% ANI

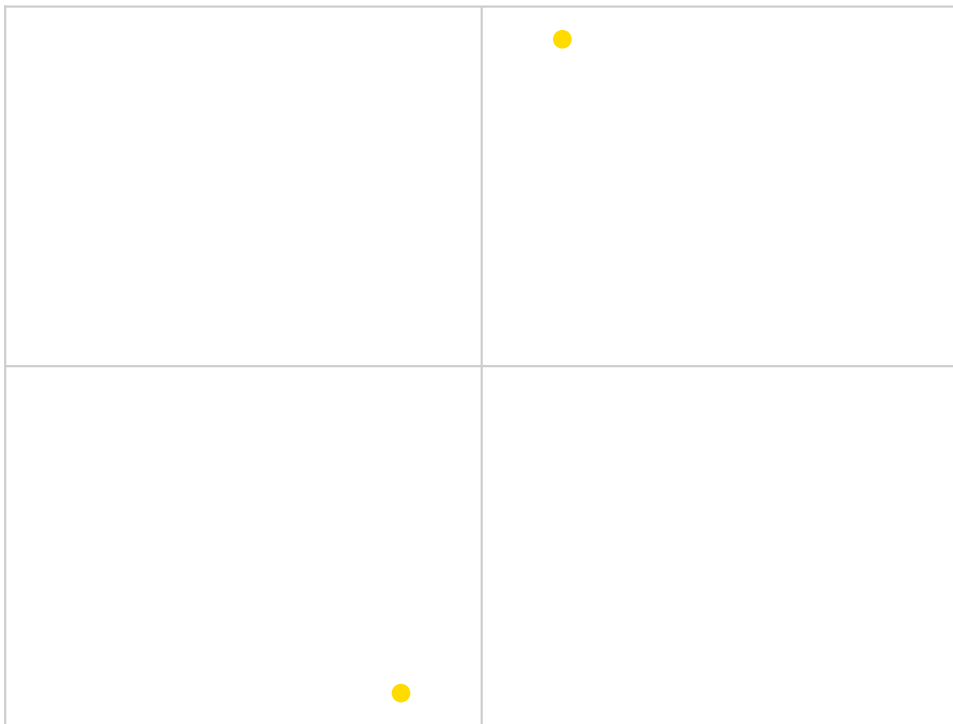


Primary cluster 293; grid spacing: 1.0% ANI



 293\_1

Primary cluster 295; grid spacing: 1.0% ANI



 295\_1



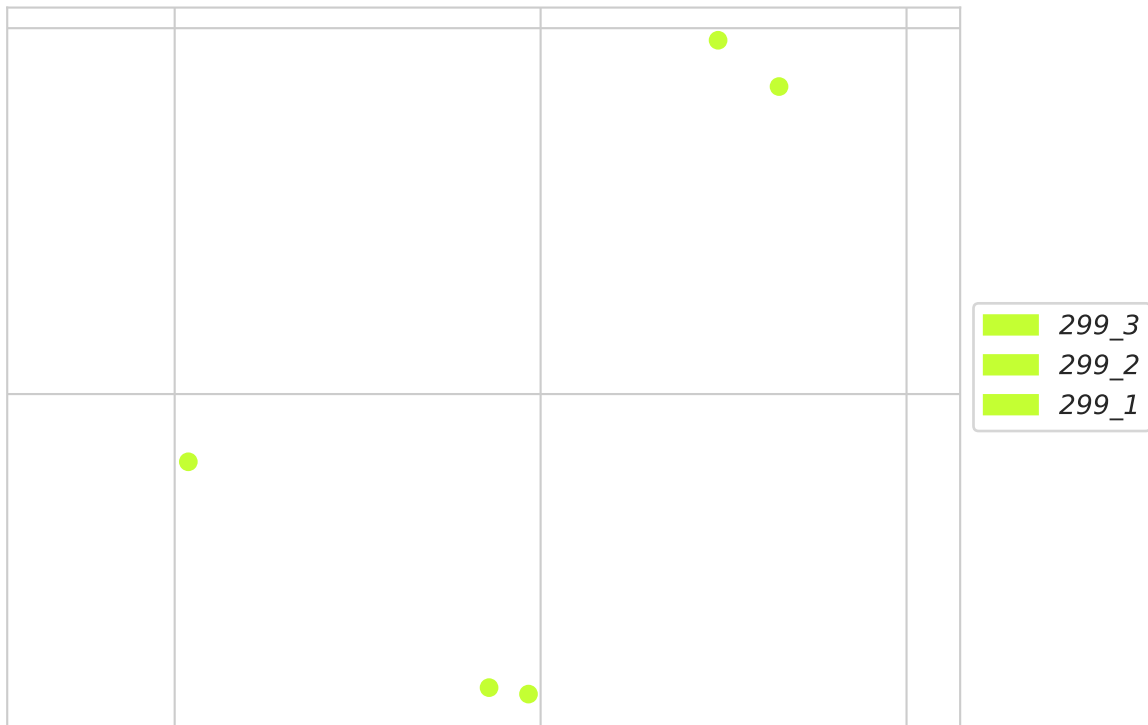
Primary cluster 297; grid spacing: 1.0% ANI



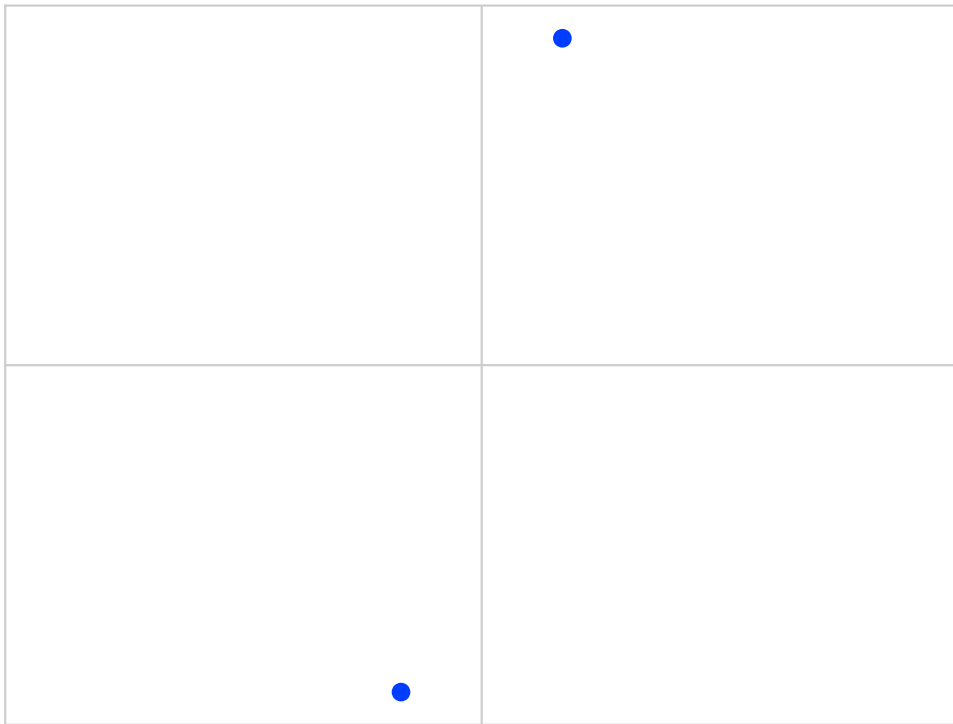
Primary cluster 298; grid spacing: 1.0% ANI



Primary cluster 299; grid spacing: 1.0% ANI



Primary cluster 300; grid spacing: 1.0% ANI



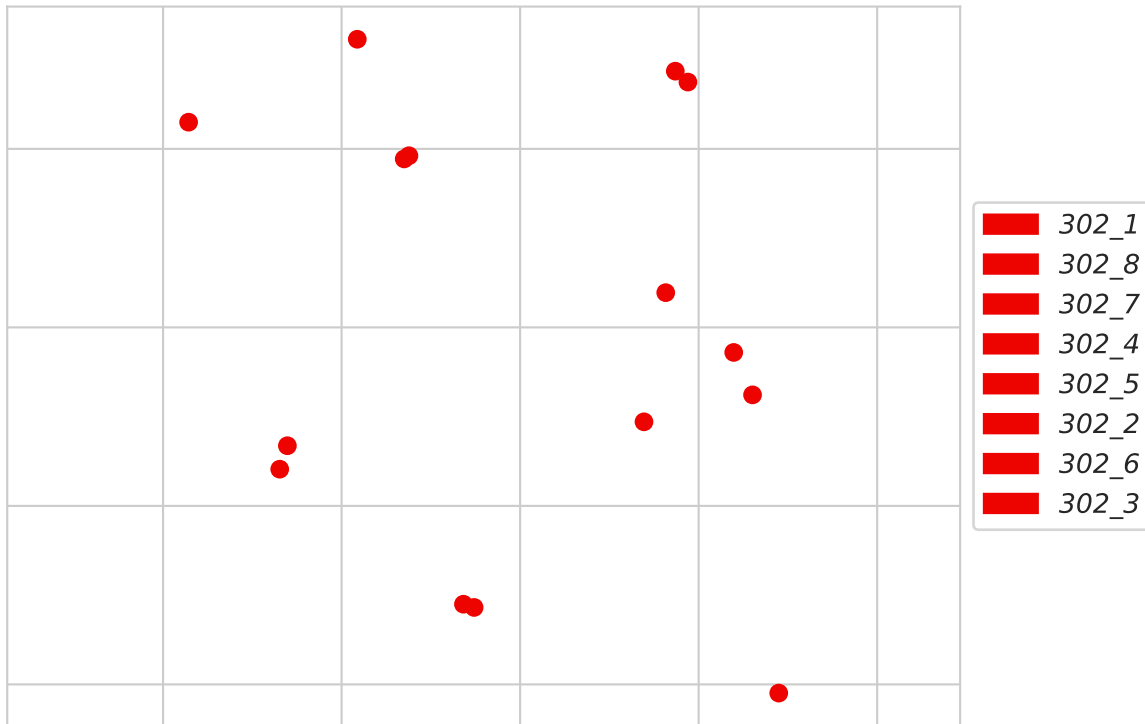
 300\_1

Primary cluster 301; grid spacing: 1.0% ANI



 301\_1

Primary cluster 302; grid spacing: 1.0% ANI



Primary cluster 303; grid spacing: 1.0% ANI



303\_1

Primary cluster 307; grid spacing: 1.0% ANI



307\_1

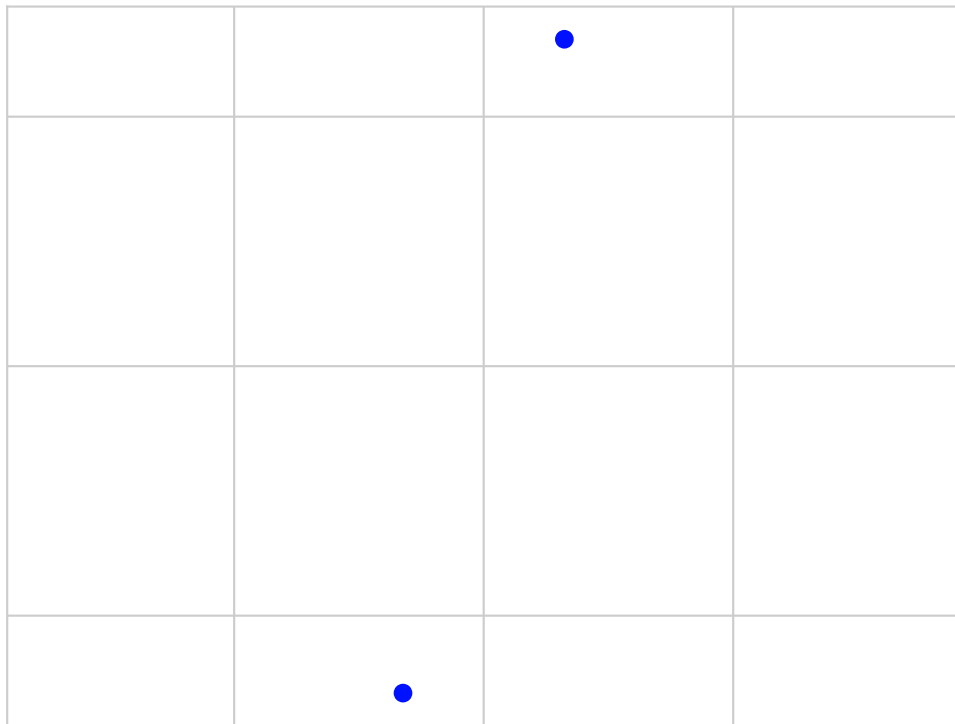


Primary cluster 308; grid spacing: 1.0% ANI

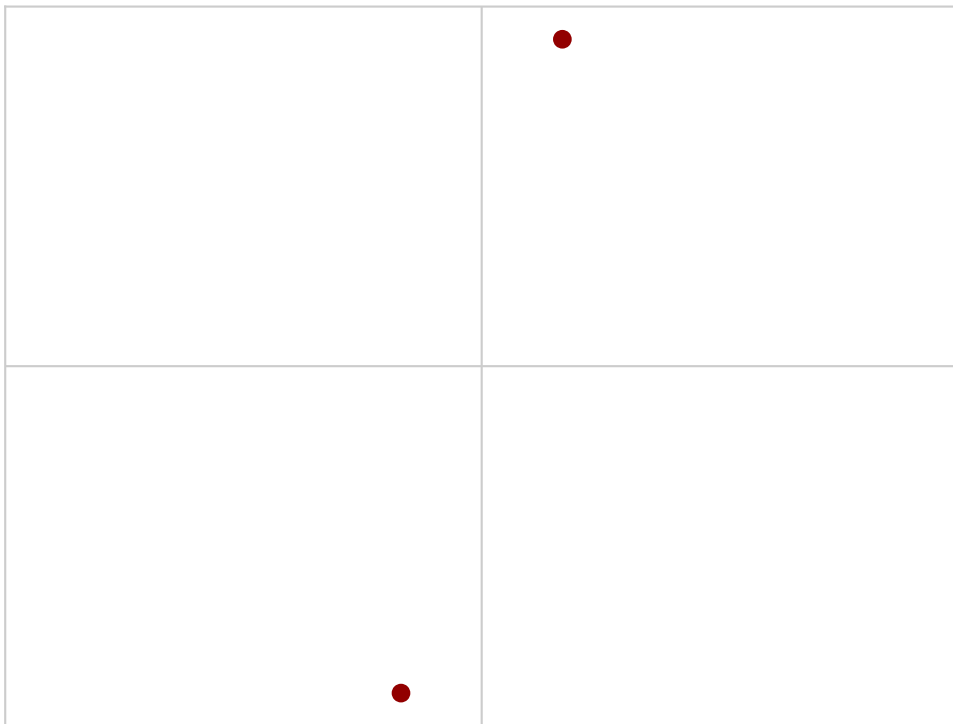


308\_1

Primary cluster 309; grid spacing: 1.0% ANI

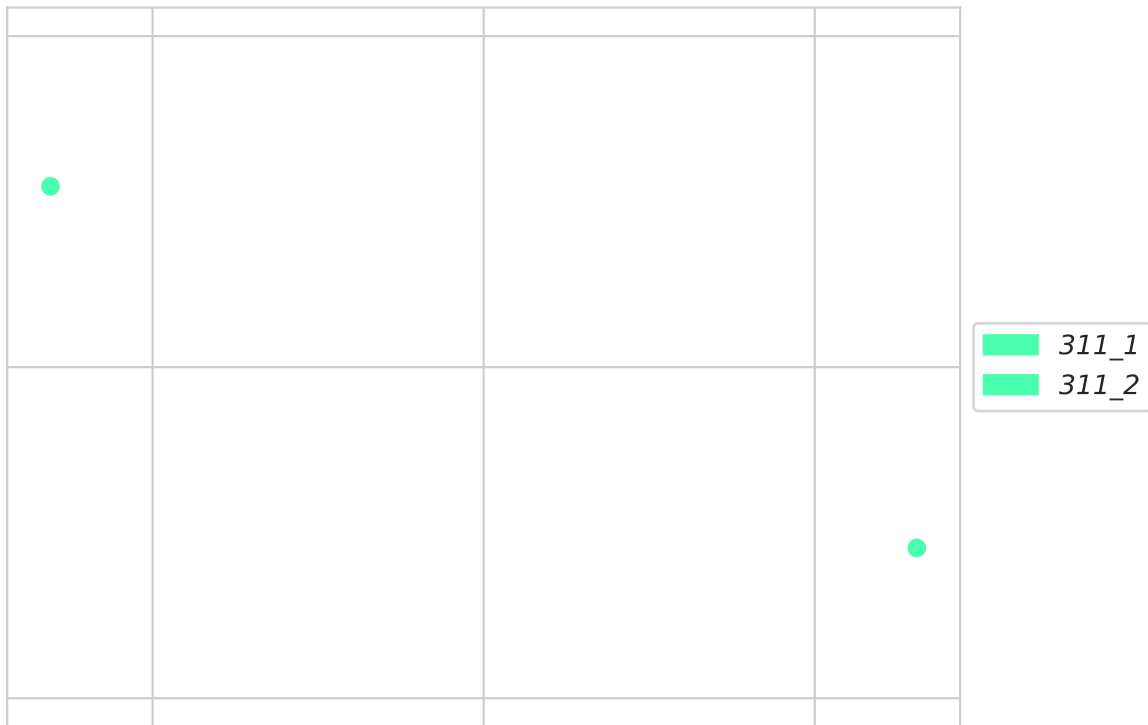


Primary cluster 310; grid spacing: 1.0% ANI



 310\_1

Primary cluster 311; grid spacing: 1.0% ANI



Primary cluster 314; grid spacing: 1.0% ANI



 314\_1

Primary cluster 318; grid spacing: 1.0% ANI



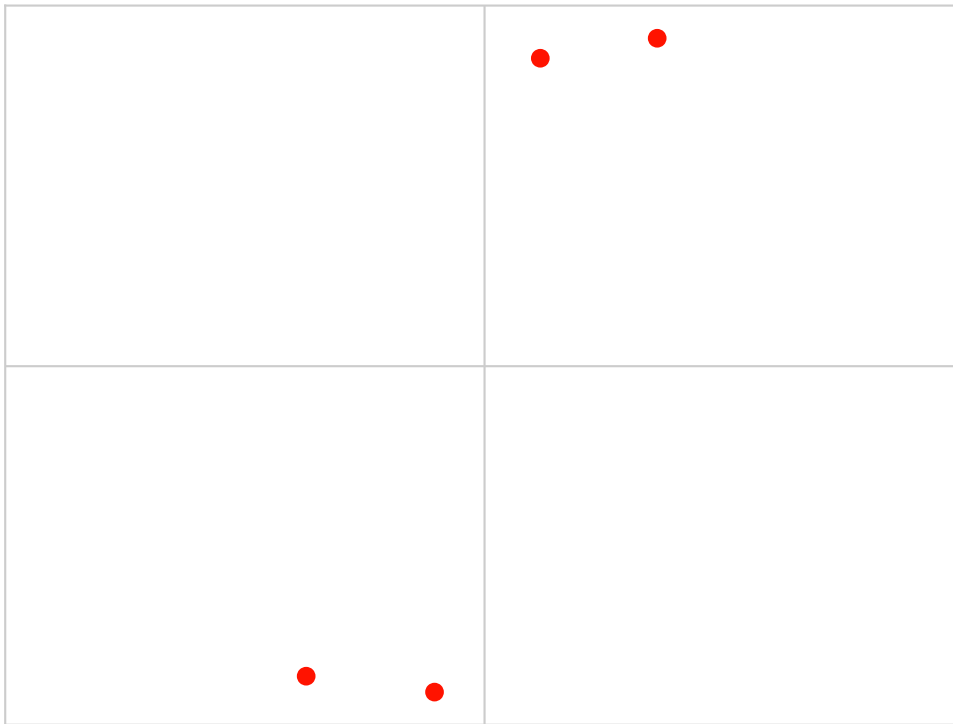
 318\_1

Primary cluster 319; grid spacing: 1.0% ANI



 319\_1

Primary cluster 320; grid spacing: 1.0% ANI



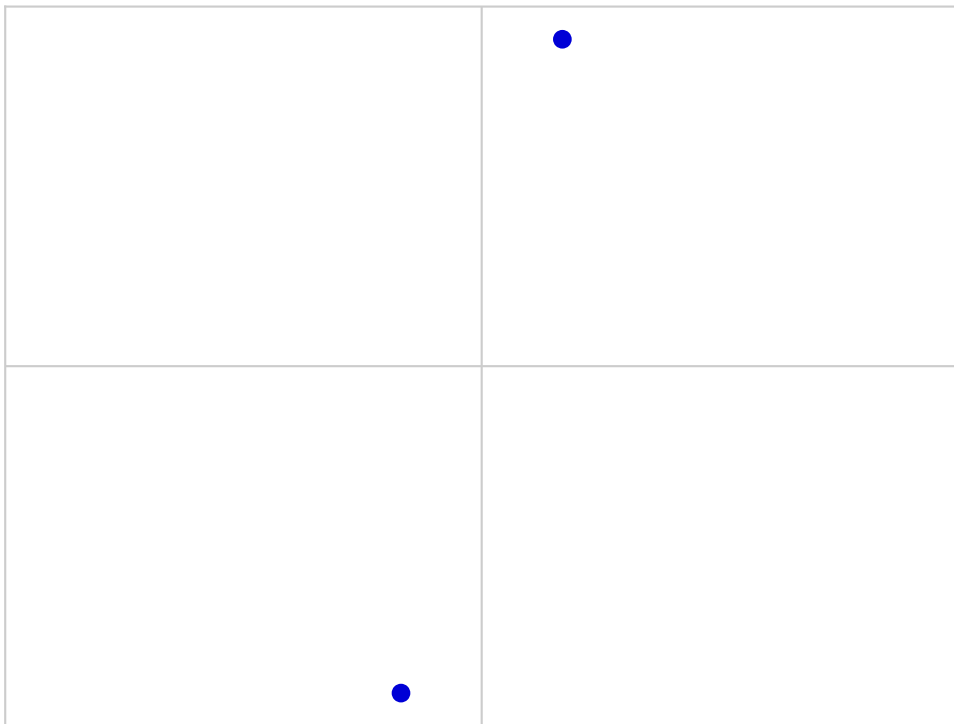
 320\_1



Primary cluster 321; grid spacing: 1.0% ANI



Primary cluster 322; grid spacing: 1.0% ANI



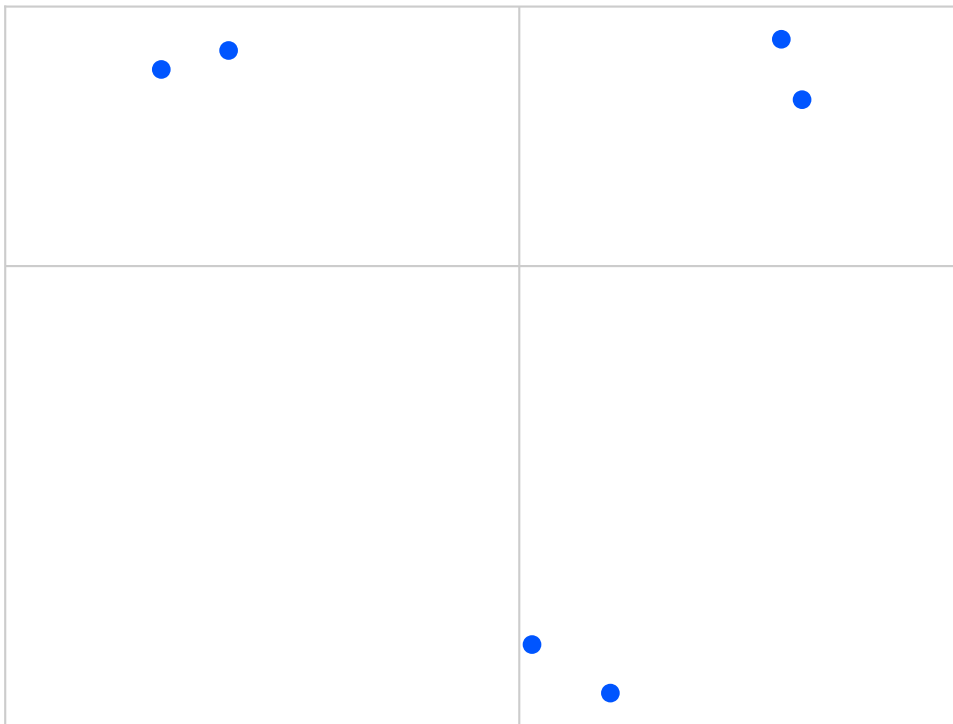
 322\_1

Primary cluster 324; grid spacing: 1.0% ANI



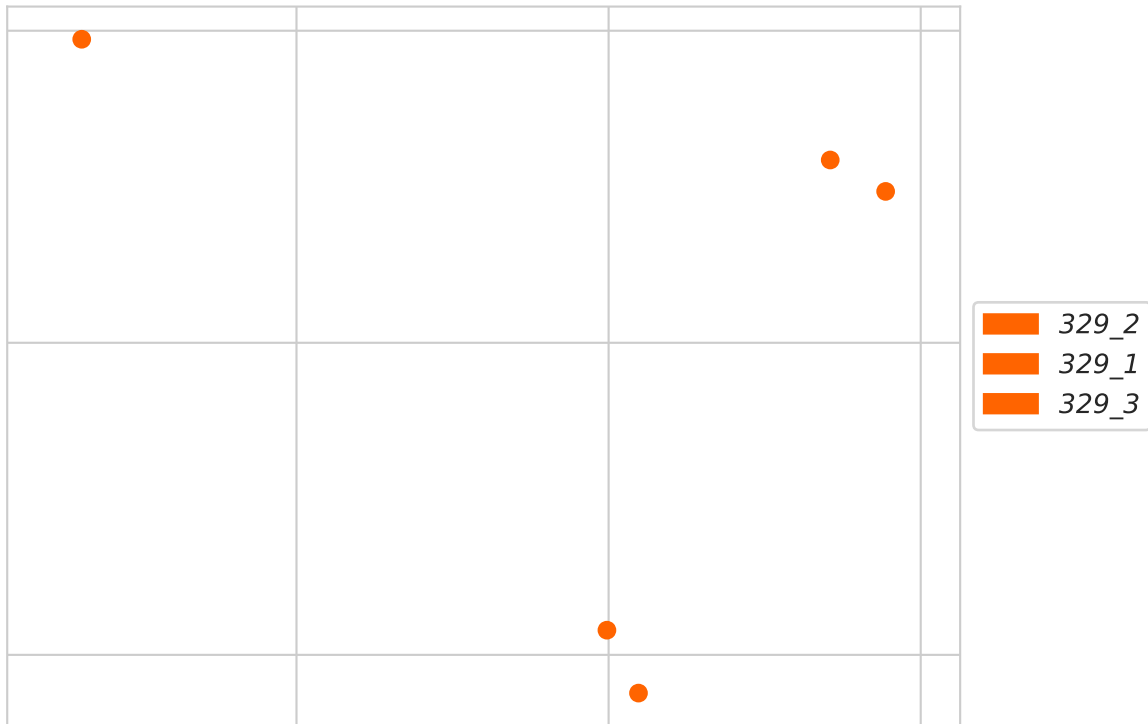
324\_1

Primary cluster 327; grid spacing: 1.0% ANI




327\_1

# Primary cluster 329; grid spacing: 1.0% ANI



Primary cluster 330; grid spacing: 1.0% ANI



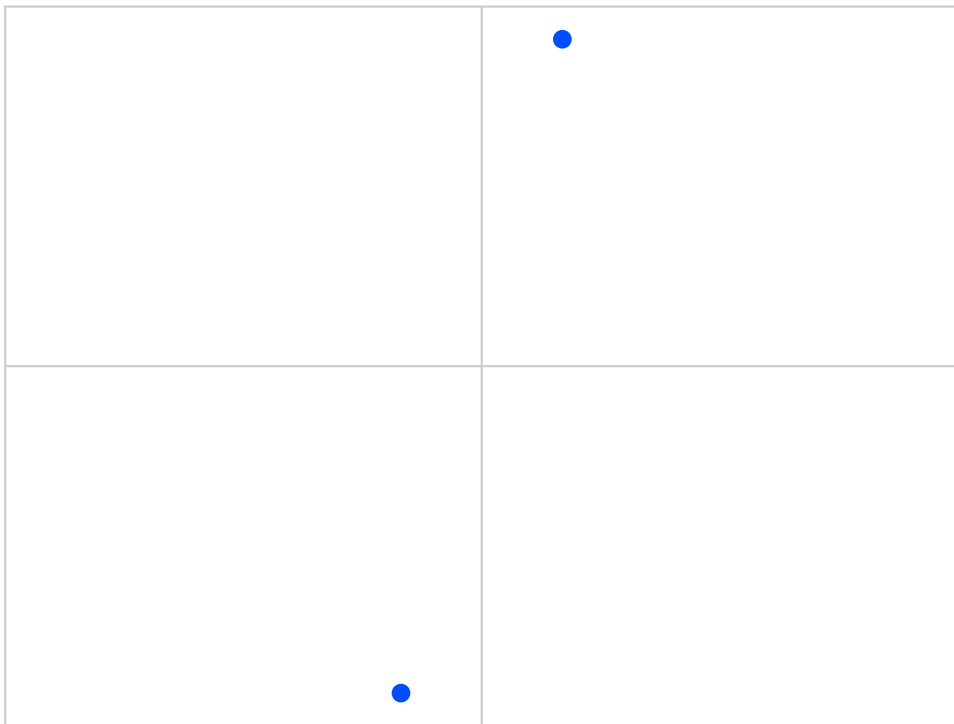
 330\_1

Primary cluster 331; grid spacing: 1.0% ANI



331\_1

Primary cluster 332; grid spacing: 1.0% ANI



332\_1

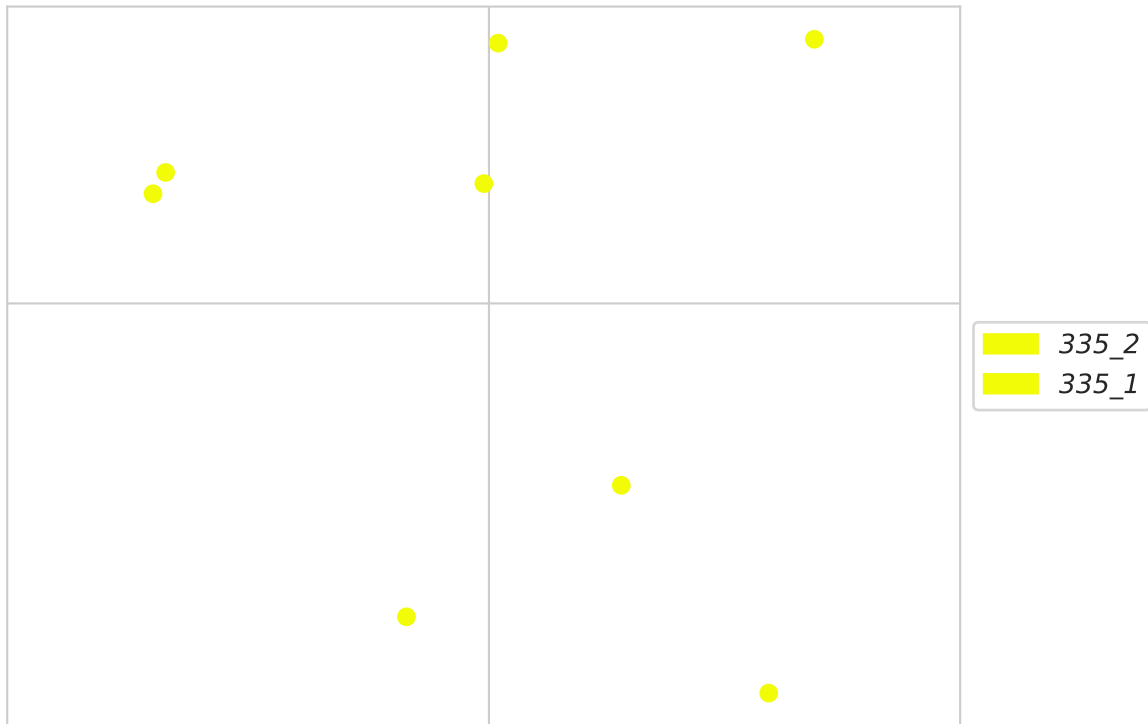


Primary cluster 334; grid spacing: 1.0% ANI

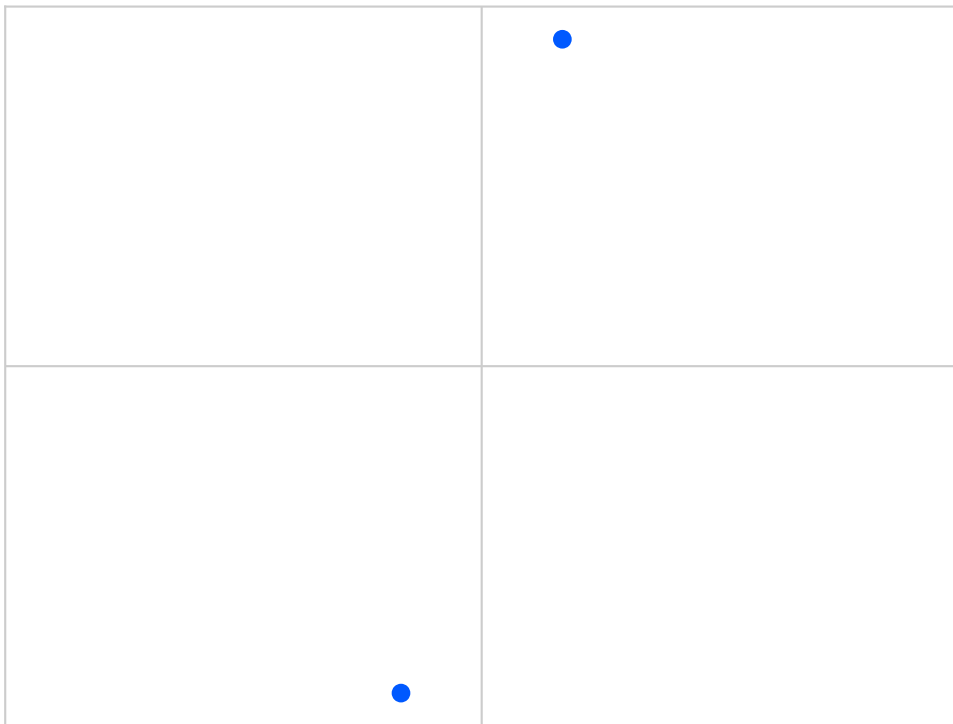


 334\_1

Primary cluster 335; grid spacing: 1.0% ANI

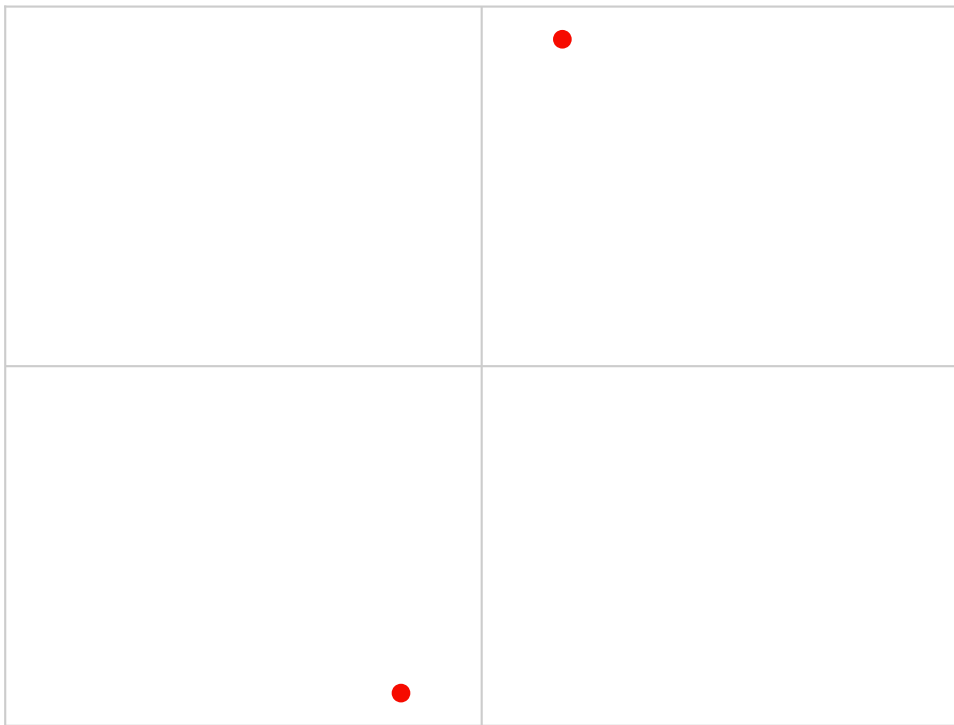


Primary cluster 336; grid spacing: 1.0% ANI



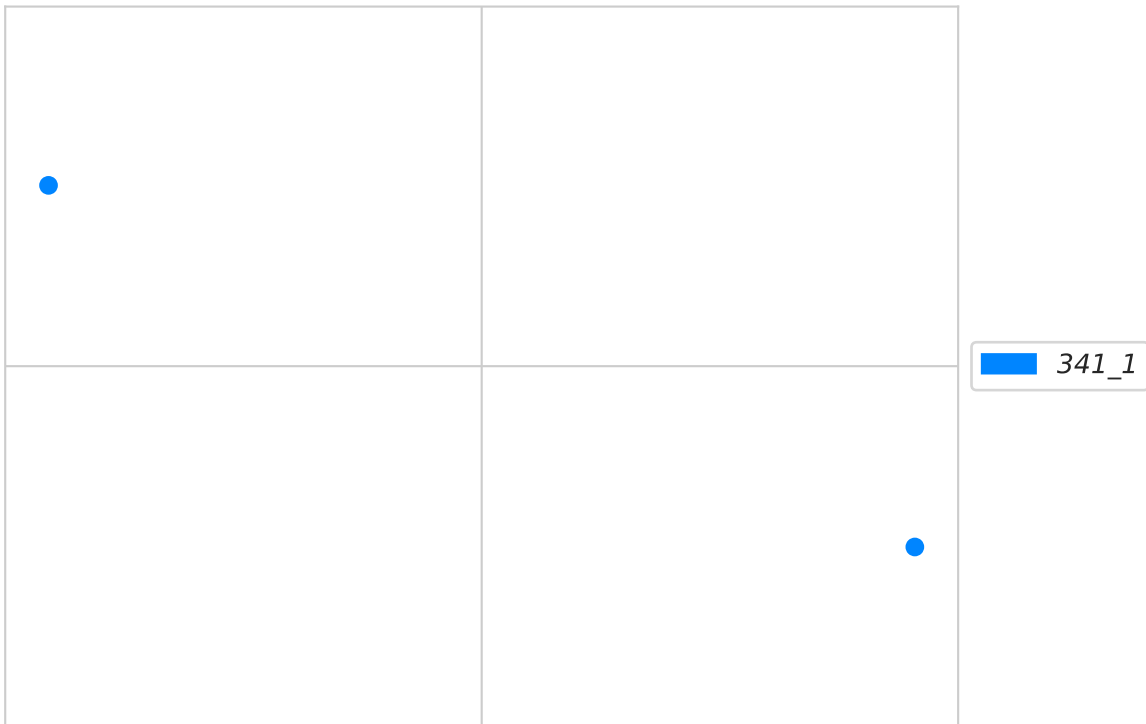
336\_1

Primary cluster 337; grid spacing: 1.0% ANI

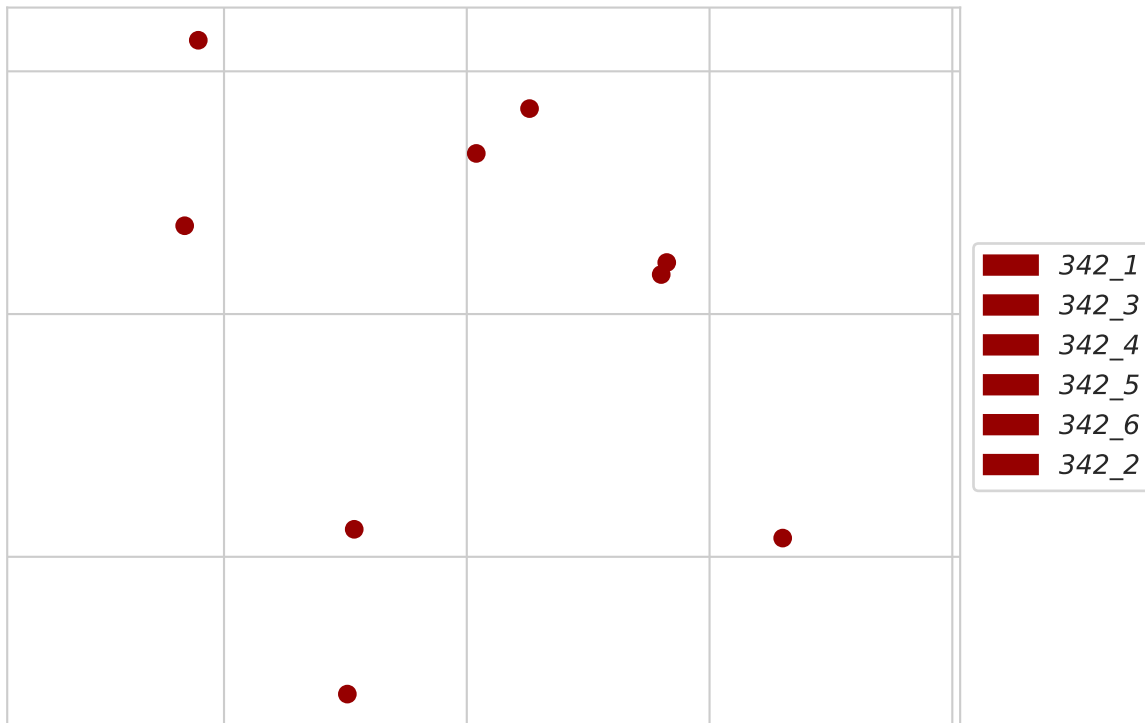


 337\_1

Primary cluster 341; grid spacing: 1.0% ANI



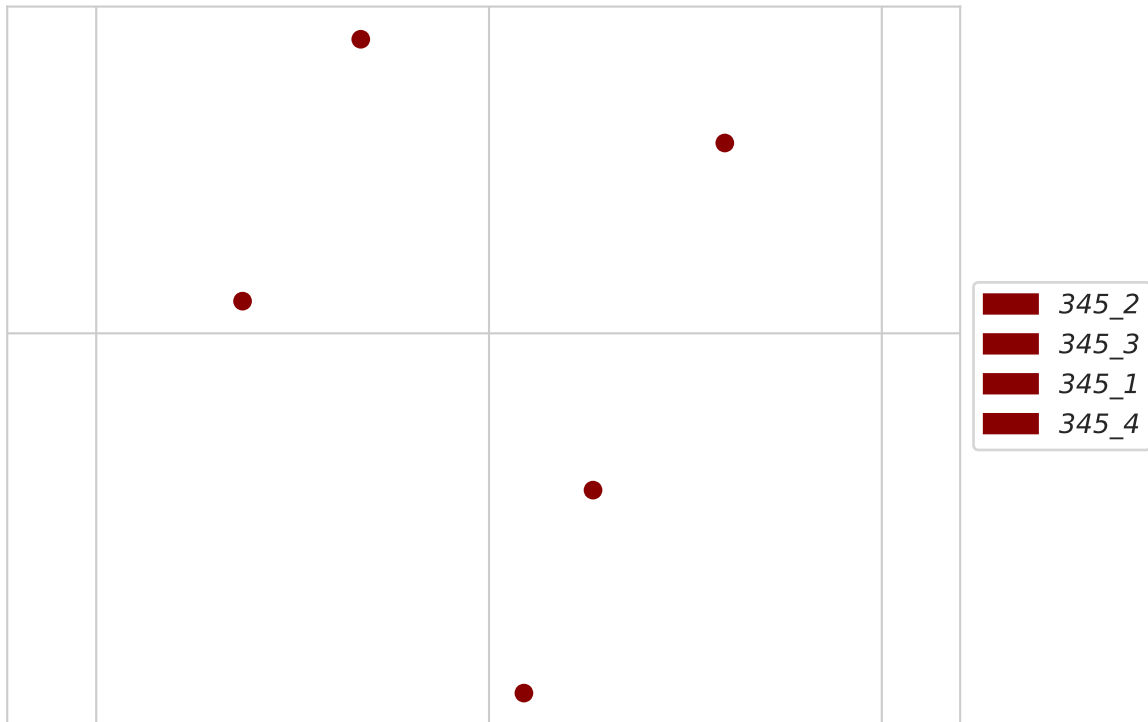
Primary cluster 342; grid spacing: 1.0% ANI



Primary cluster 343; grid spacing: 1.0% ANI

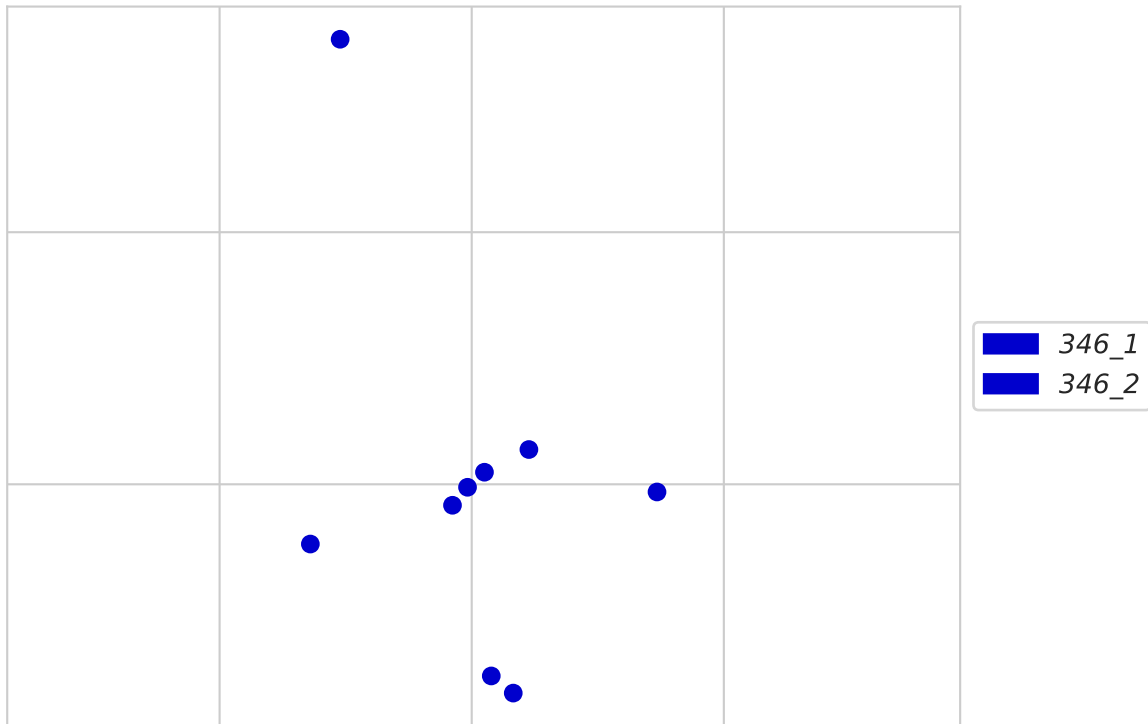


Primary cluster 345; grid spacing: 1.0% ANI

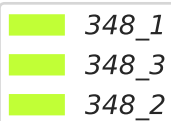




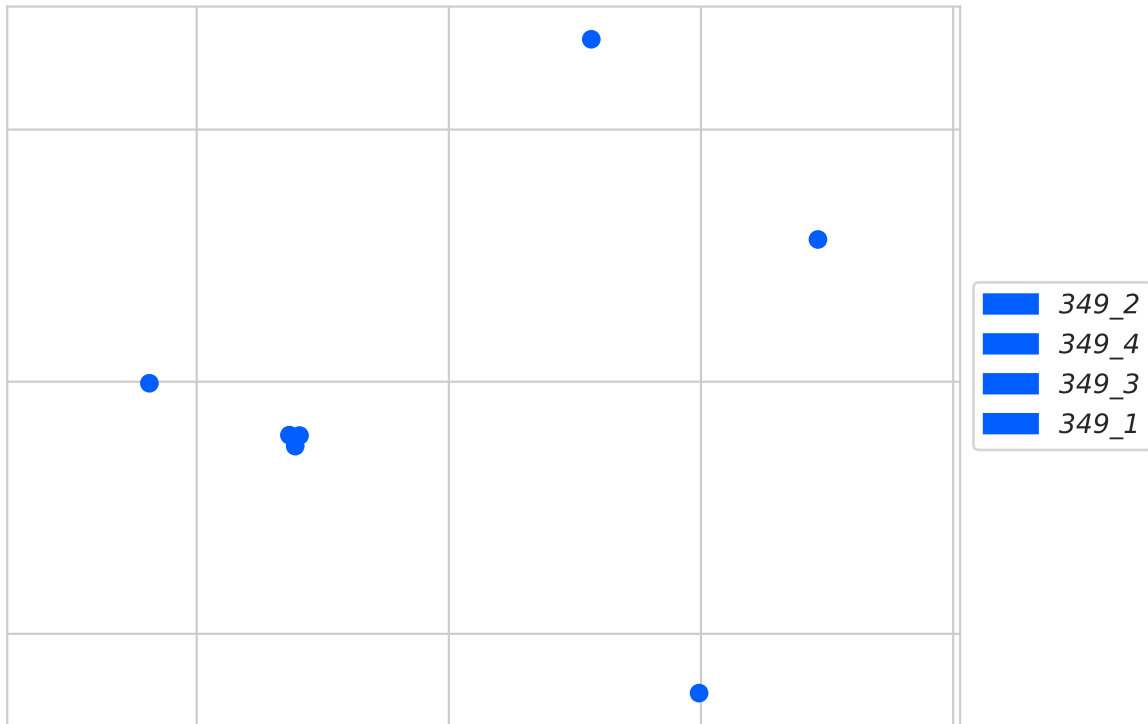
Primary cluster 346; grid spacing: 1.0% ANI



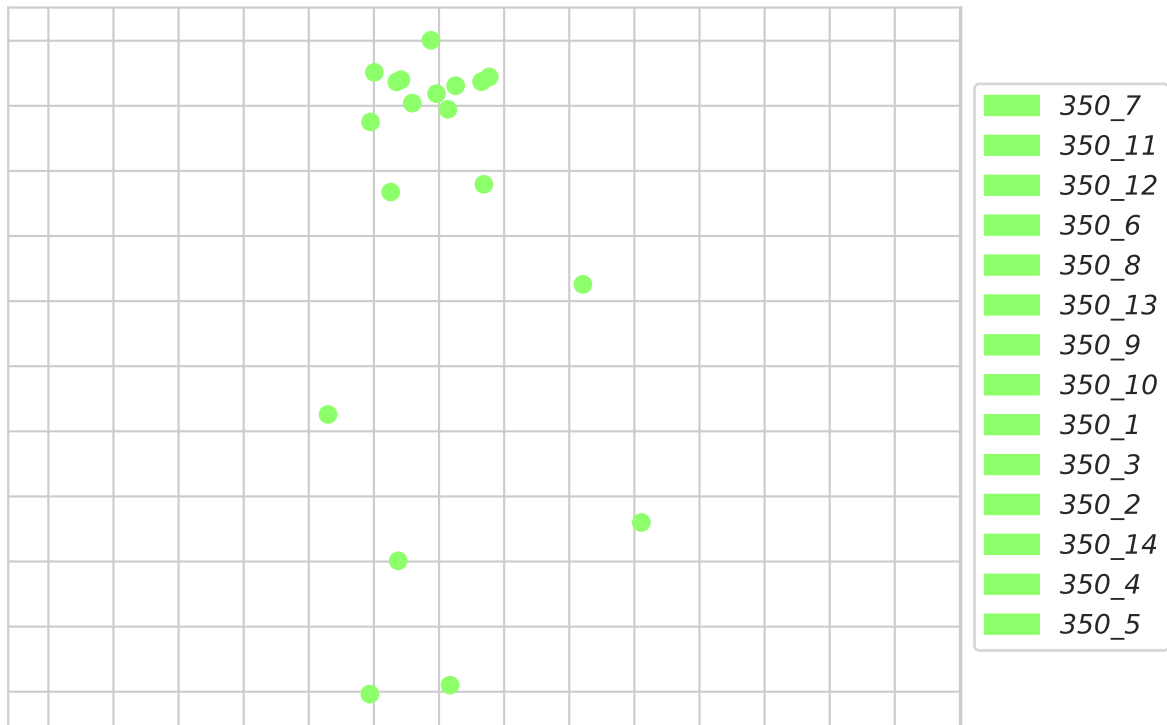
Primary cluster 348; grid spacing: 1.0% ANI



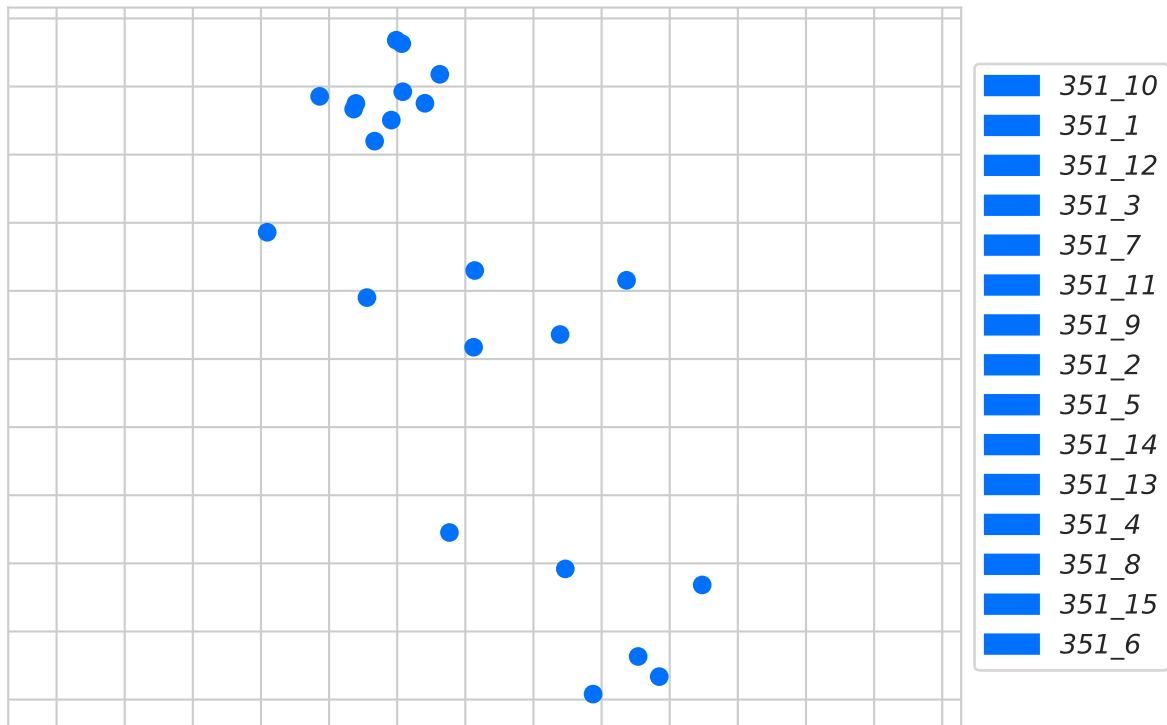
Primary cluster 349; grid spacing: 1.0% ANI



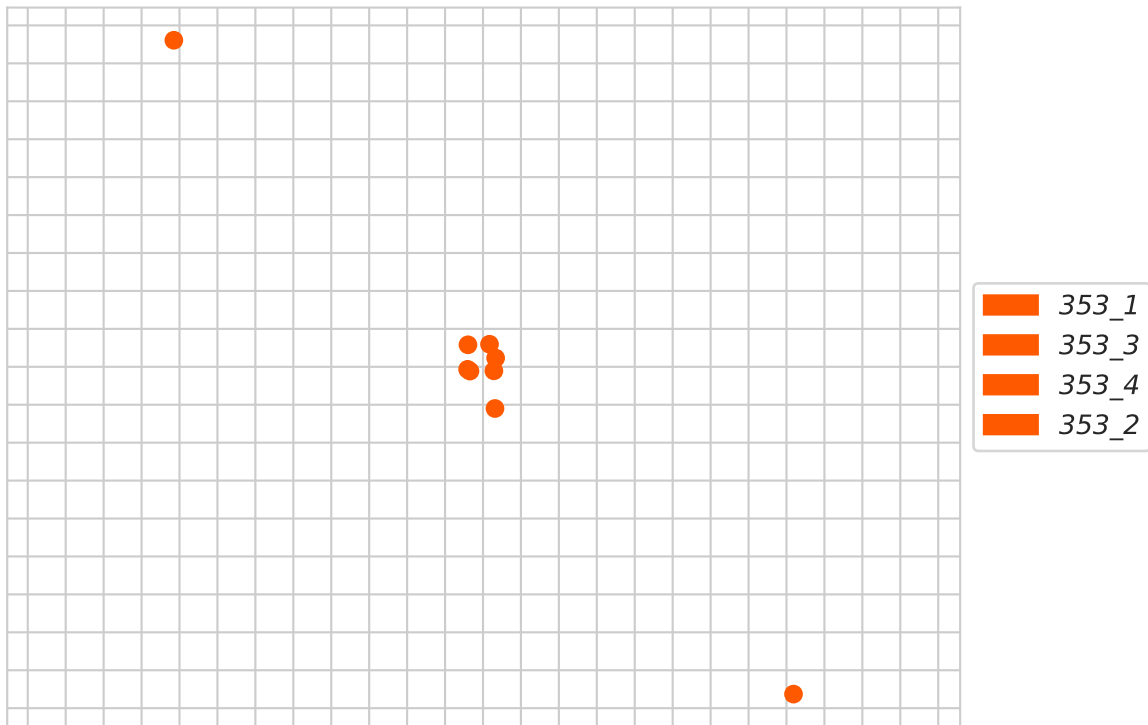
Primary cluster 350; grid spacing: 1.0% ANI



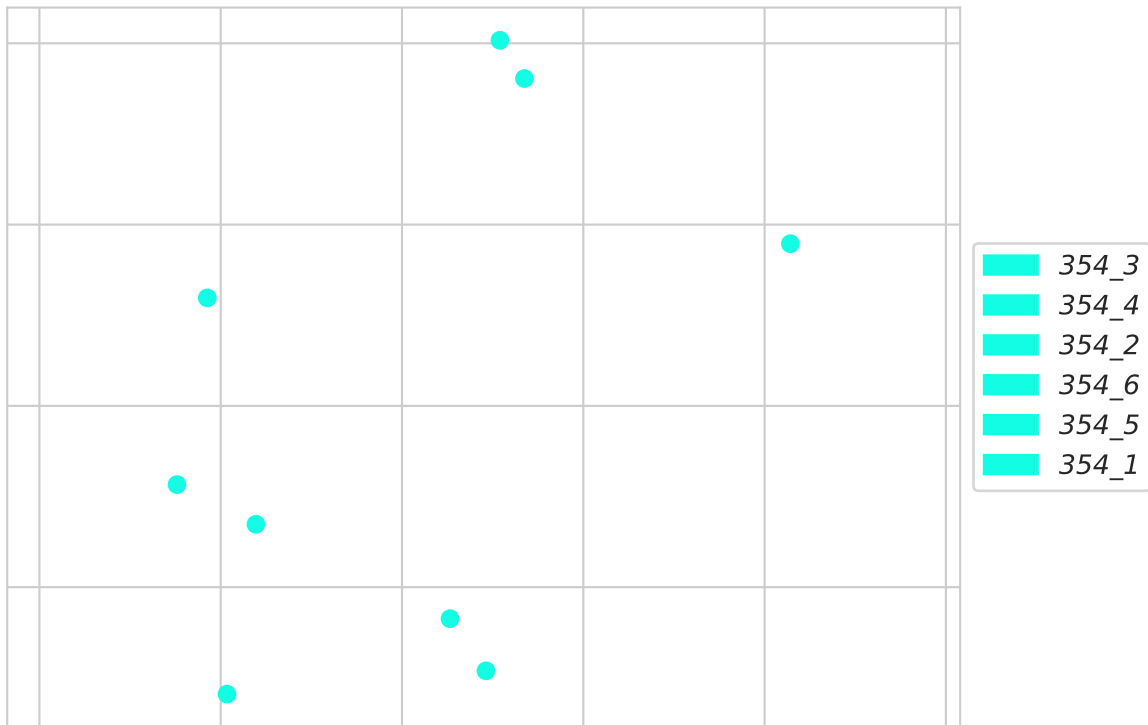
Primary cluster 351; grid spacing: 1.0% ANI



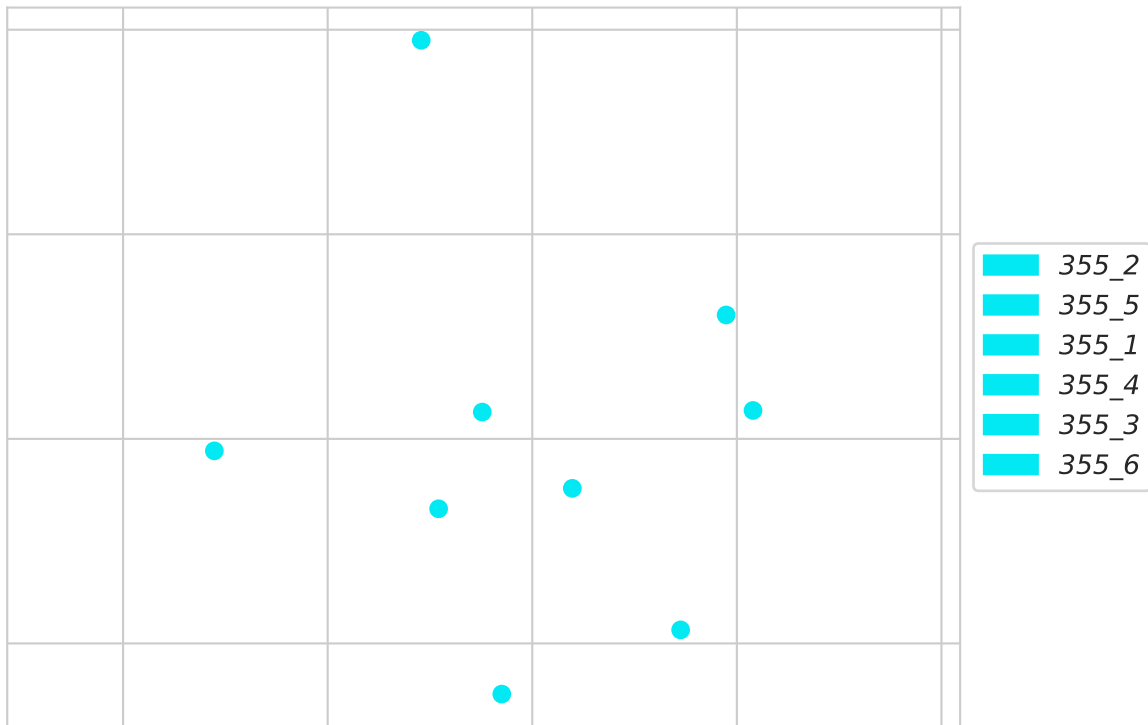
Primary cluster 353; grid spacing: 1.0% ANI



Primary cluster 354; grid spacing: 1.0% ANI

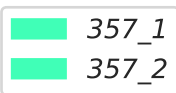


Primary cluster 355; grid spacing: 1.0% ANI

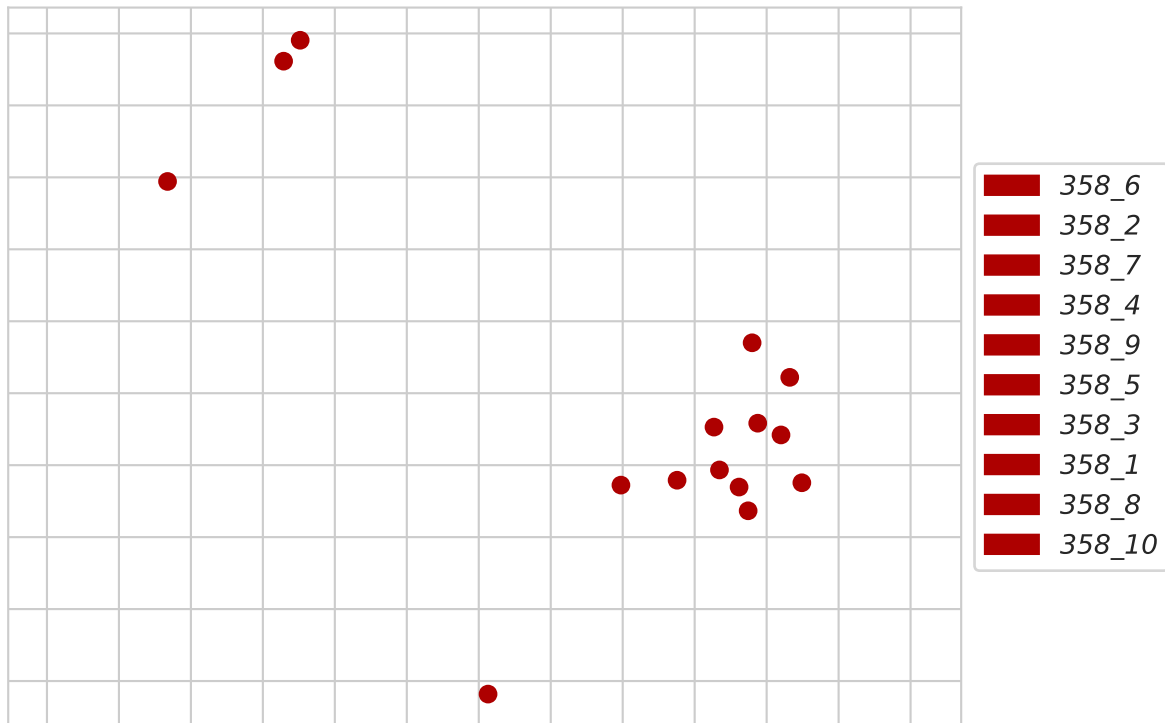




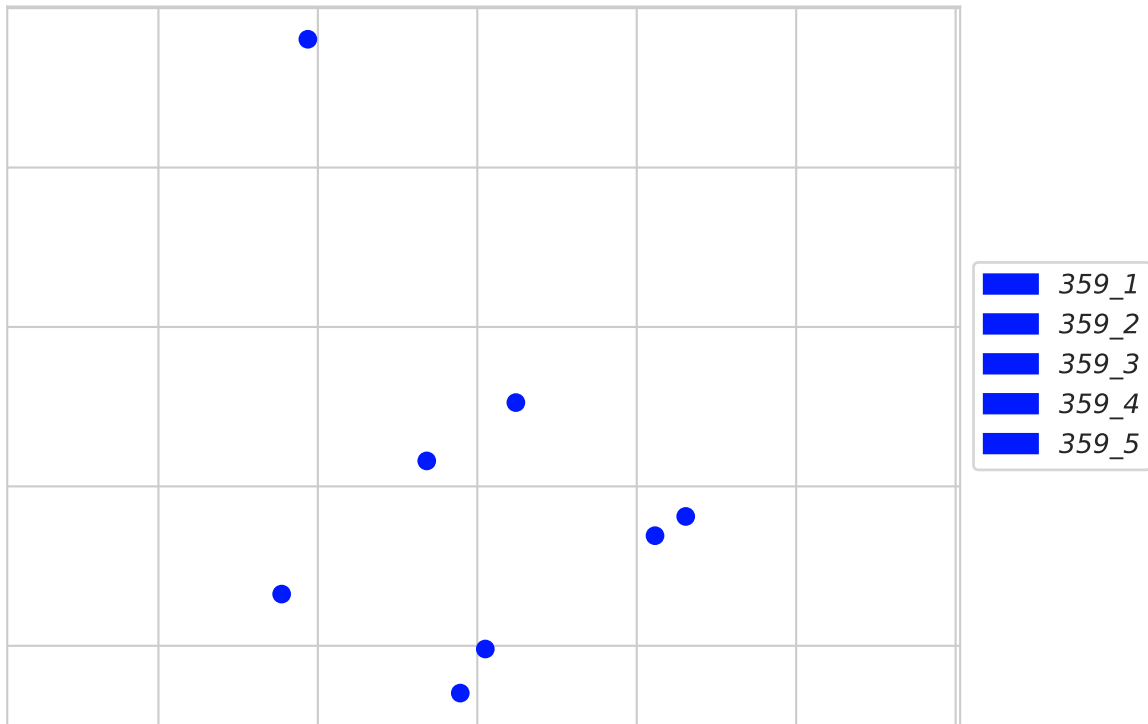
Primary cluster 357; grid spacing: 1.0% ANI



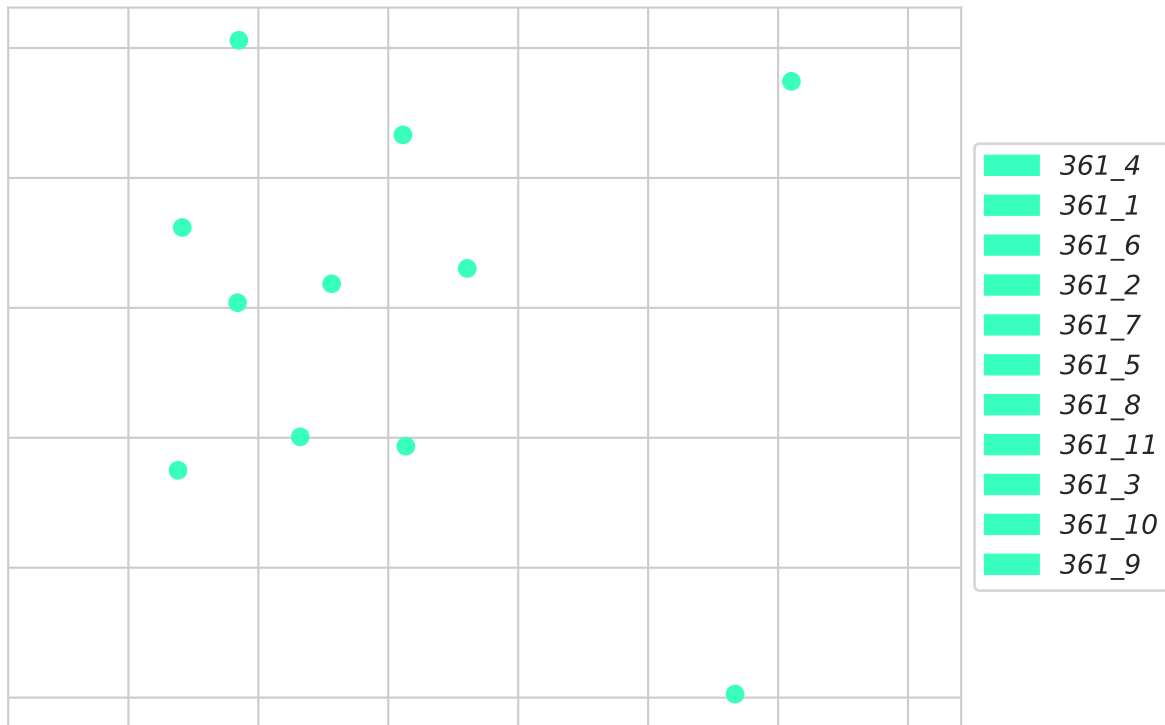
Primary cluster 358; grid spacing: 1.0% ANI



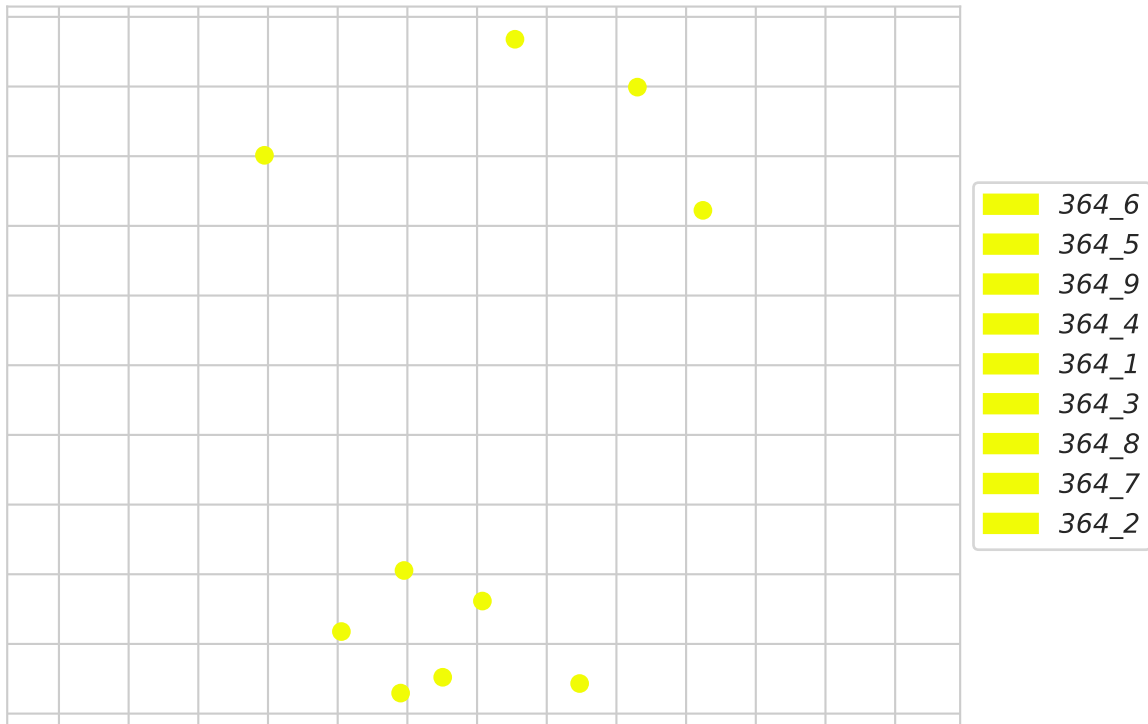
Primary cluster 359; grid spacing: 1.0% ANI



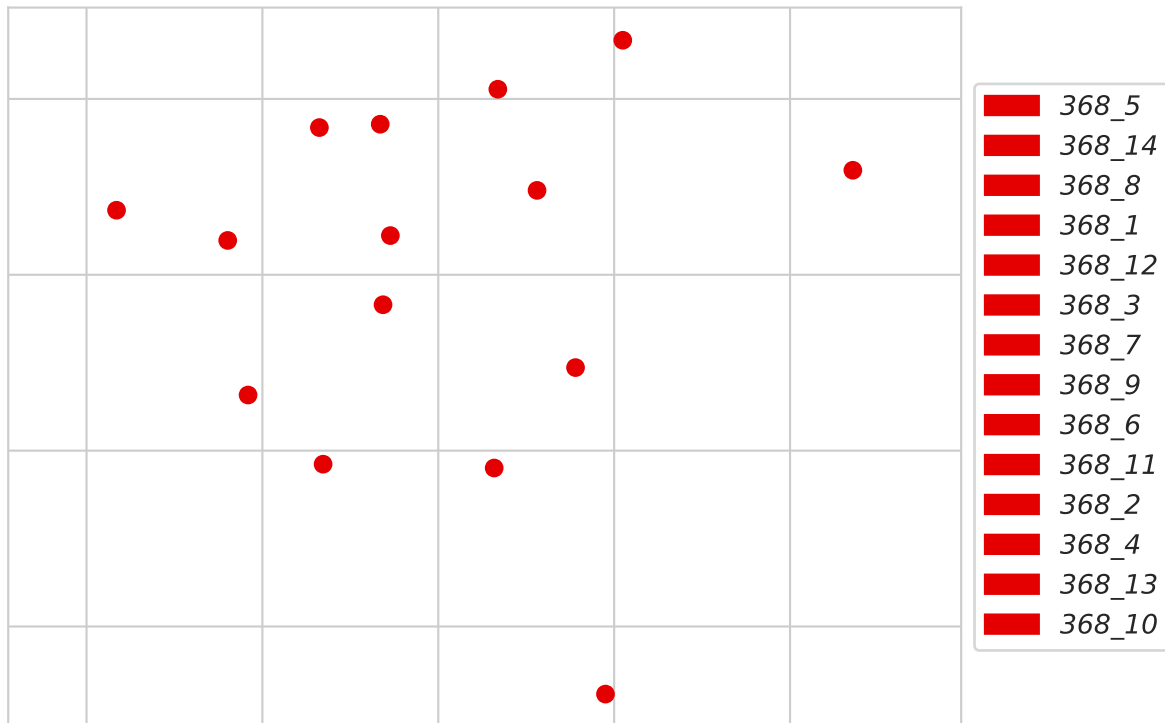
Primary cluster 361; grid spacing: 1.0% ANI



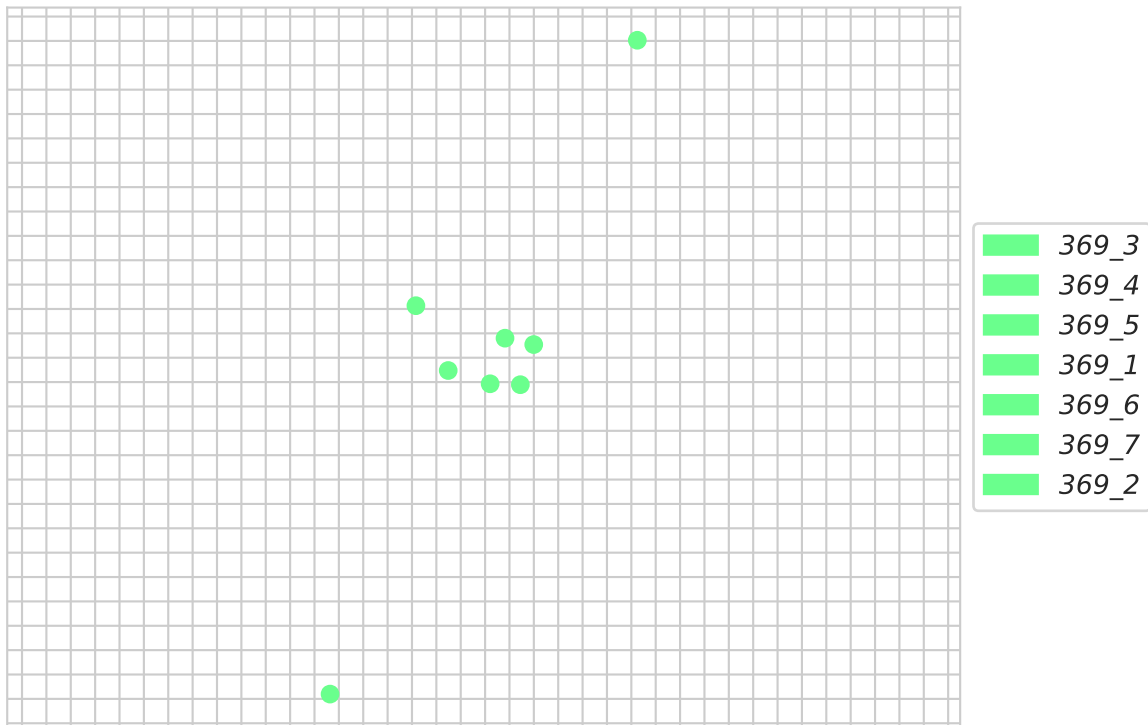
Primary cluster 364; grid spacing: 1.0% ANI



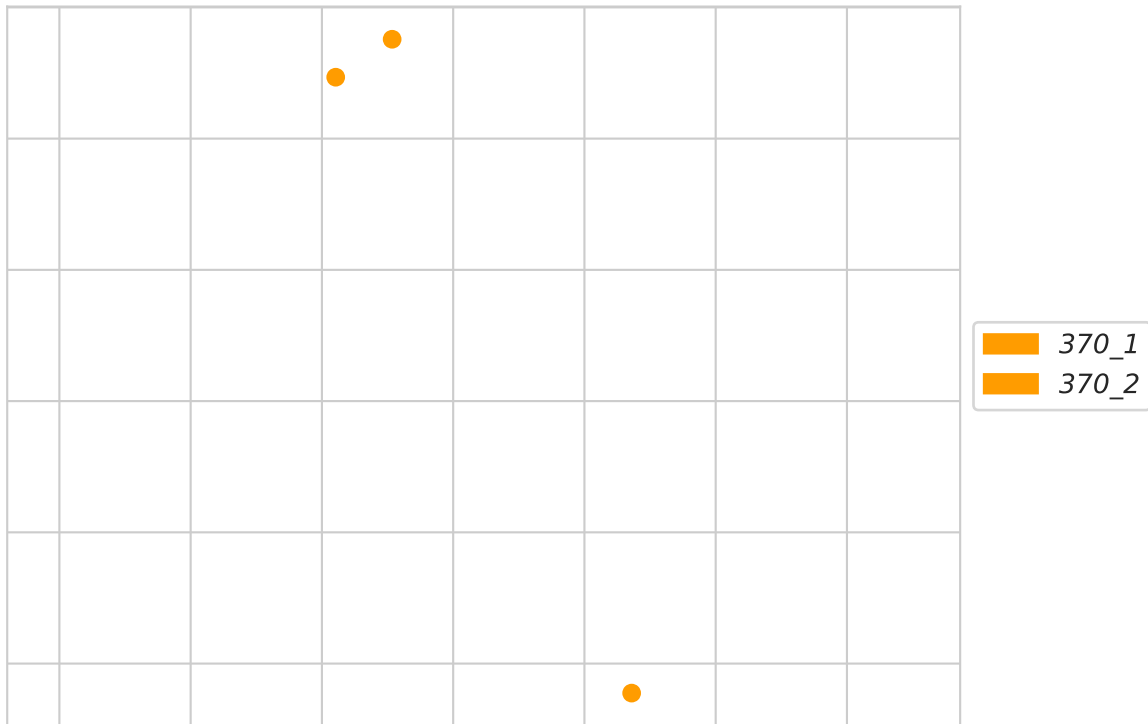
Primary cluster 368; grid spacing: 1.0% ANI



Primary cluster 369; grid spacing: 1.0% ANI

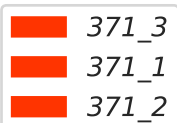
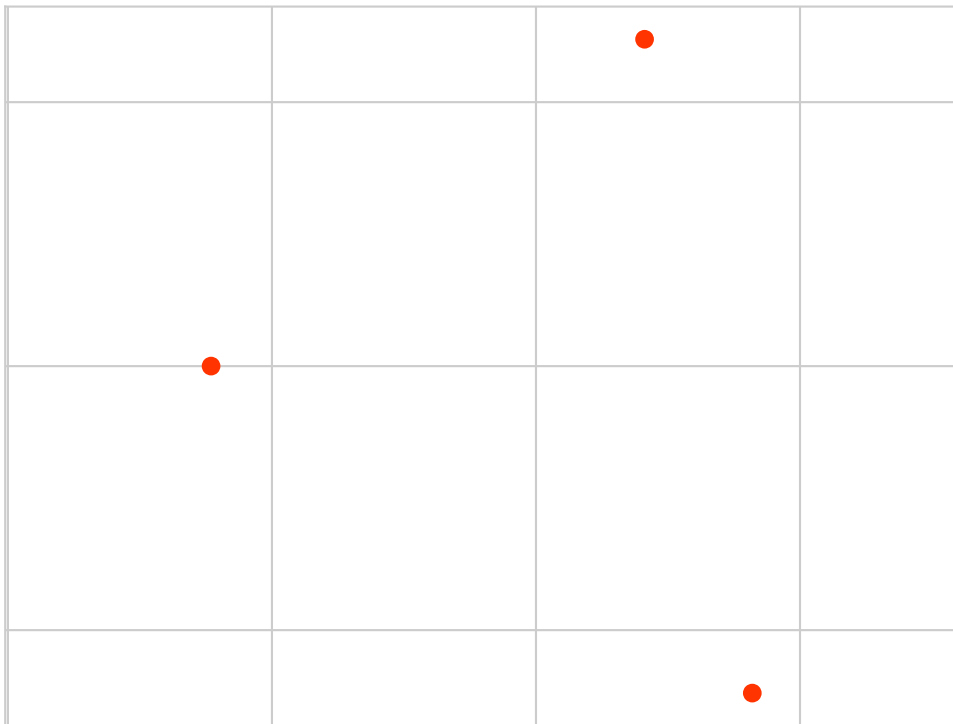


Primary cluster 370; grid spacing: 1.0% ANI

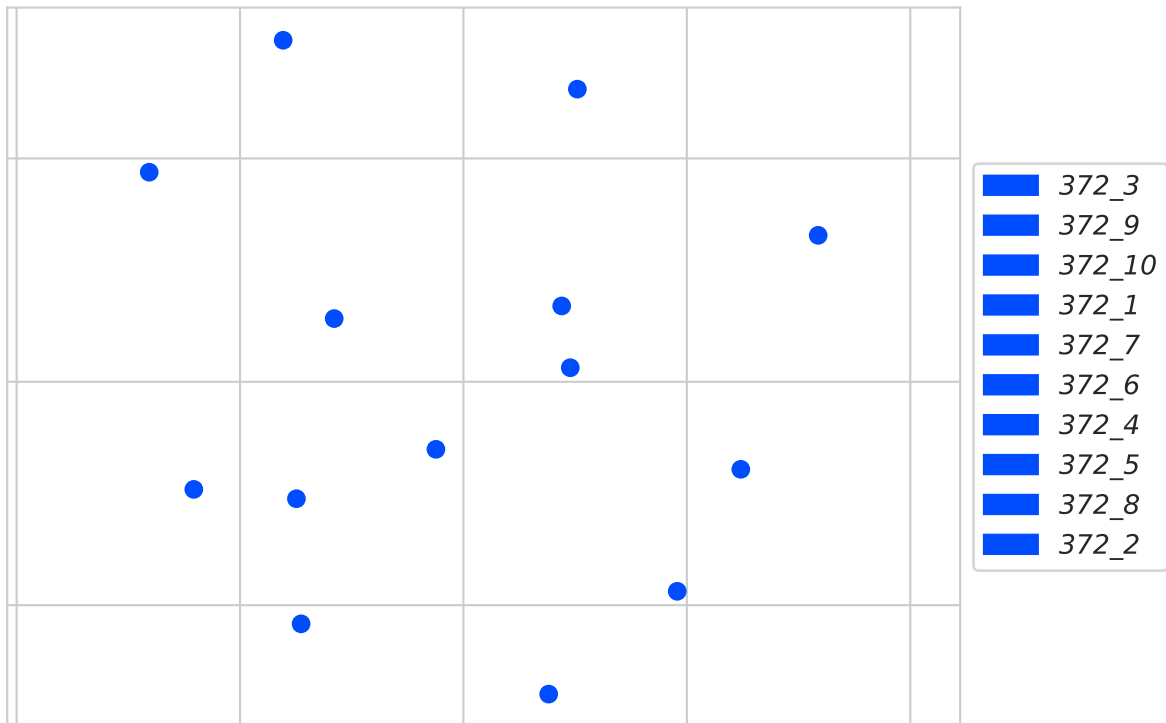




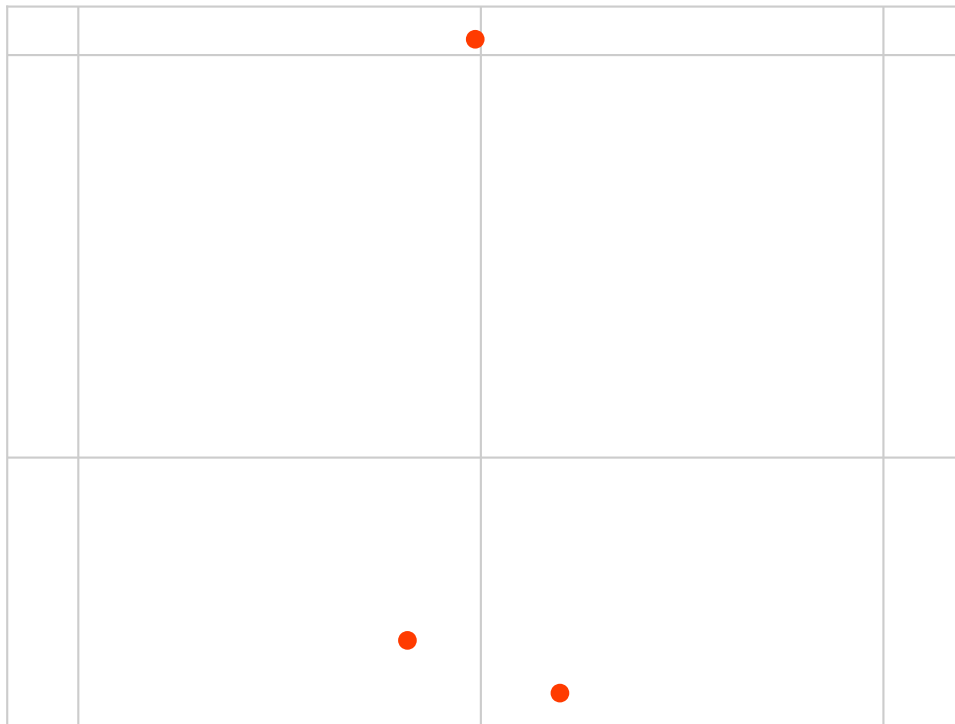
Primary cluster 371; grid spacing: 1.0% ANI



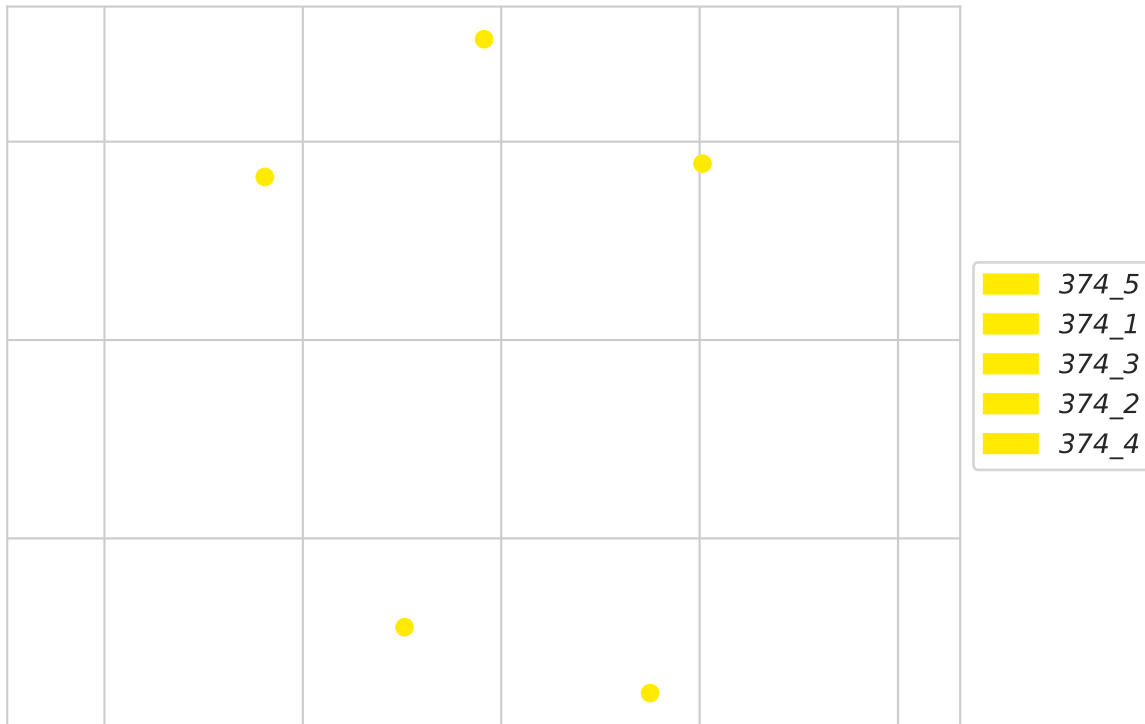
Primary cluster 372; grid spacing: 1.0% ANI



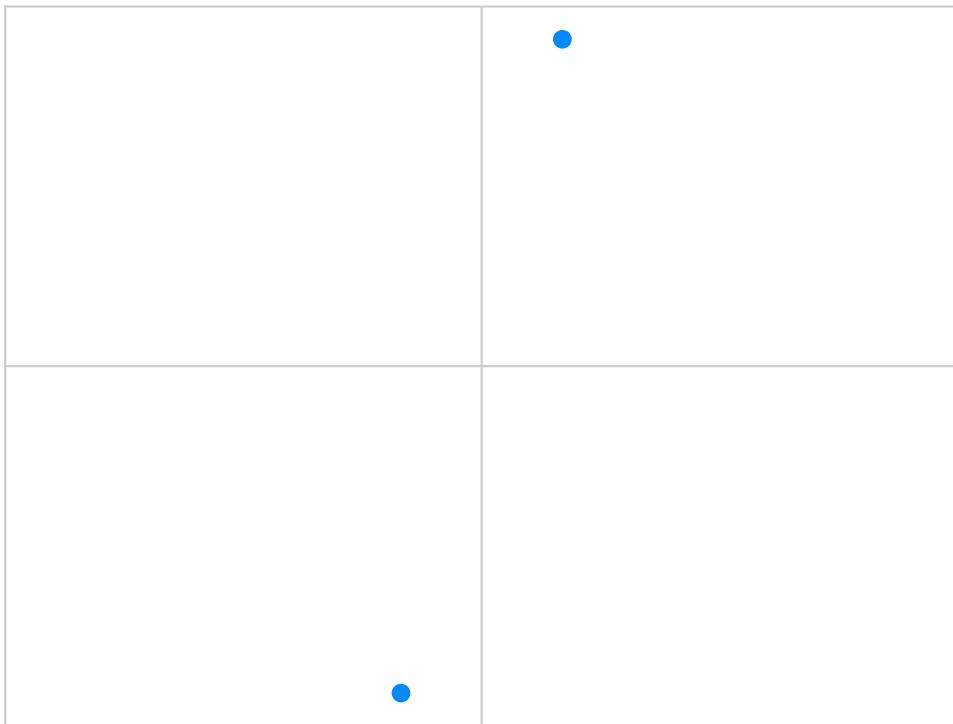
Primary cluster 373; grid spacing: 1.0% ANI



Primary cluster 374; grid spacing: 1.0% ANI

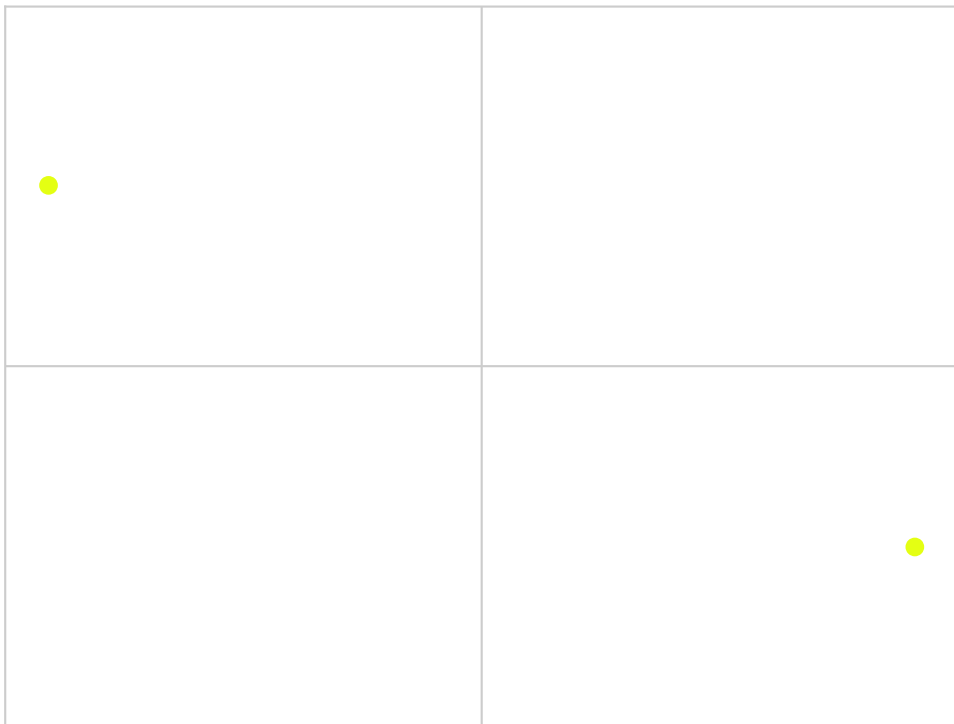


Primary cluster 376; grid spacing: 1.0% ANI



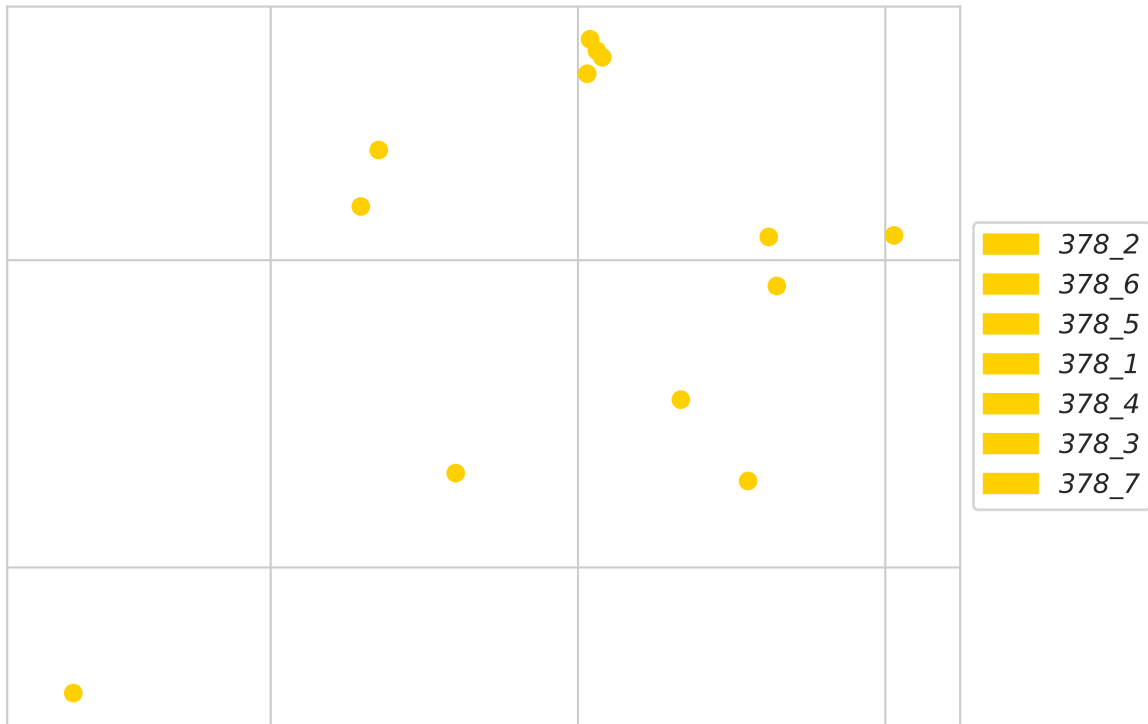
 376\_1

Primary cluster 377; grid spacing: 1.0% ANI

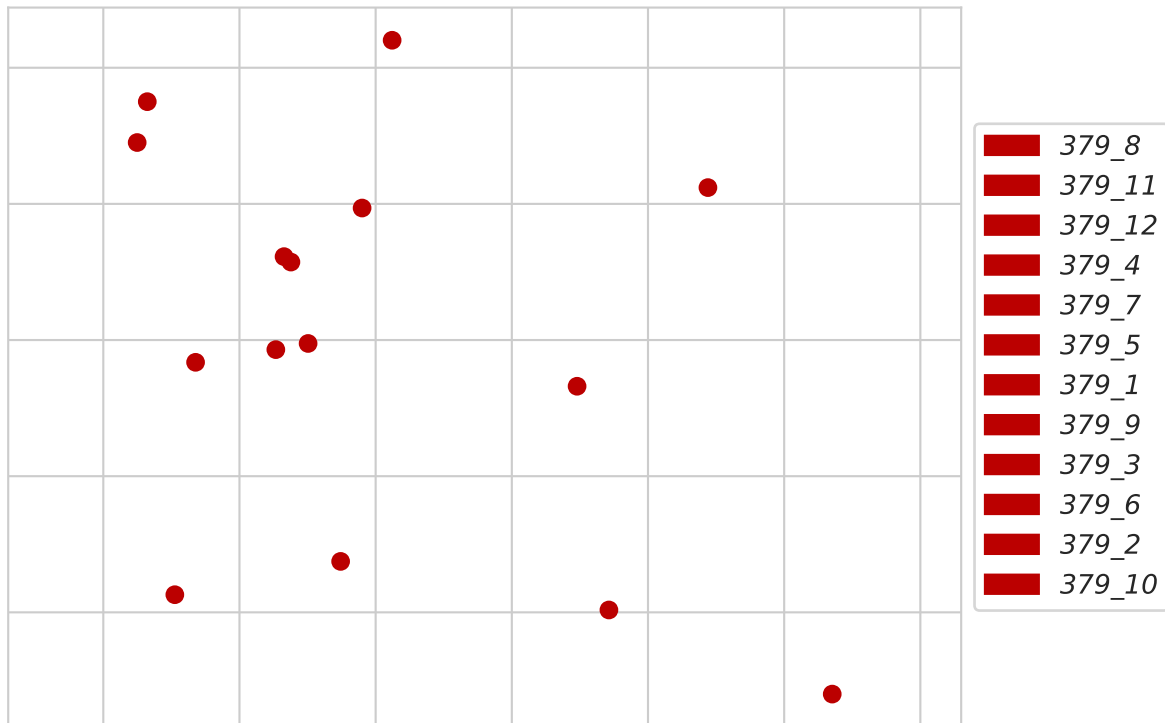


377\_1

Primary cluster 378; grid spacing: 1.0% ANI

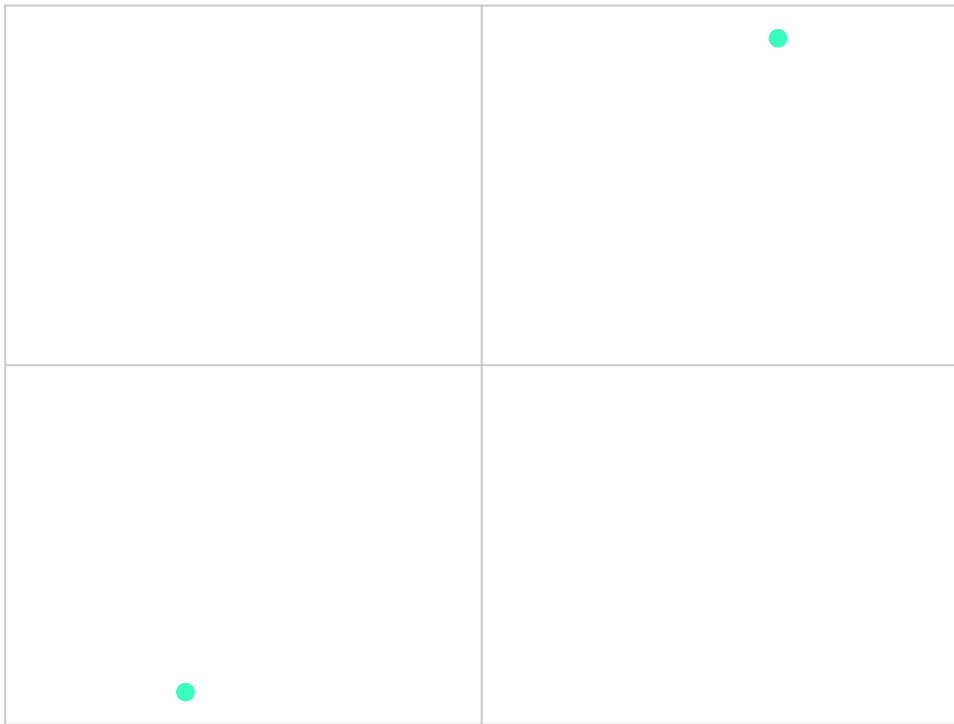


Primary cluster 379; grid spacing: 1.0% ANI



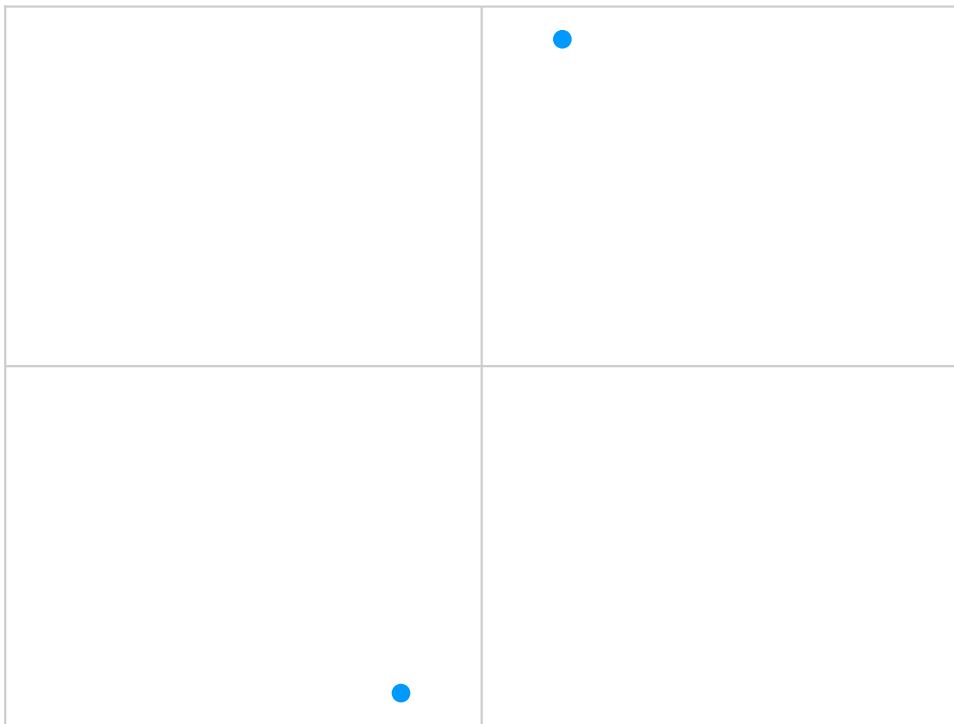


Primary cluster 380; grid spacing: 1.0% ANI



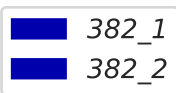
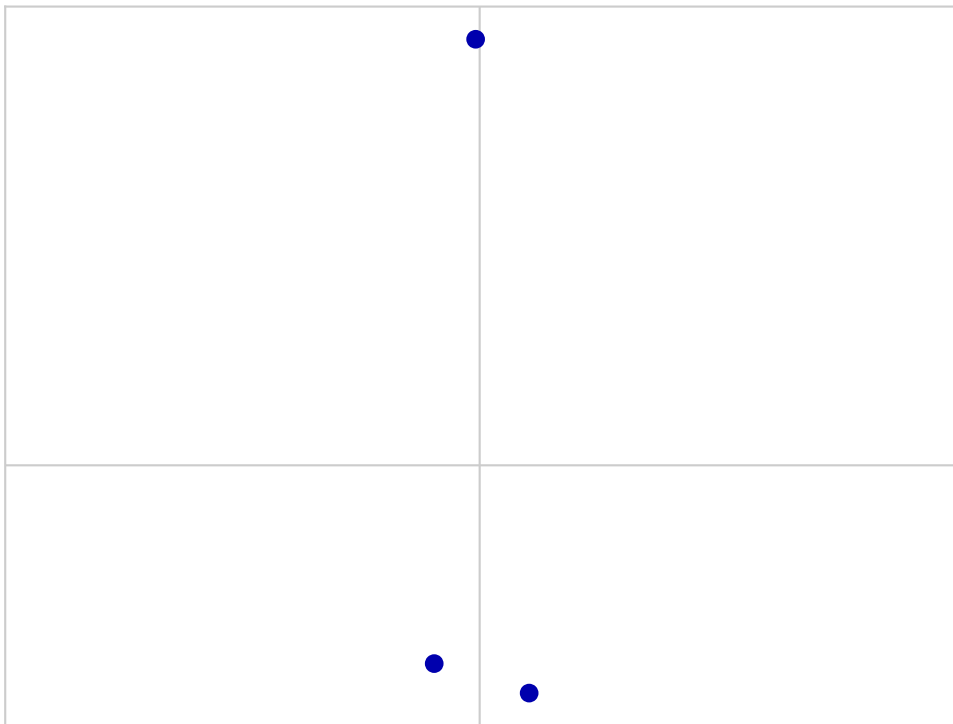
 380\_1

Primary cluster 381; grid spacing: 1.0% ANI

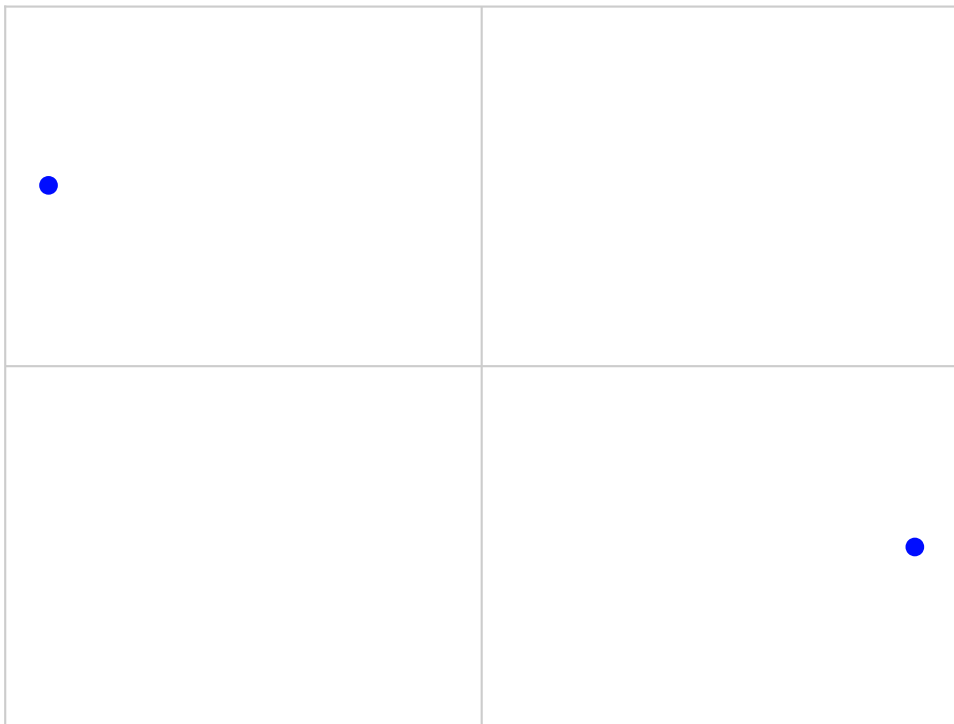


 381\_1

Primary cluster 382; grid spacing: 1.0% ANI

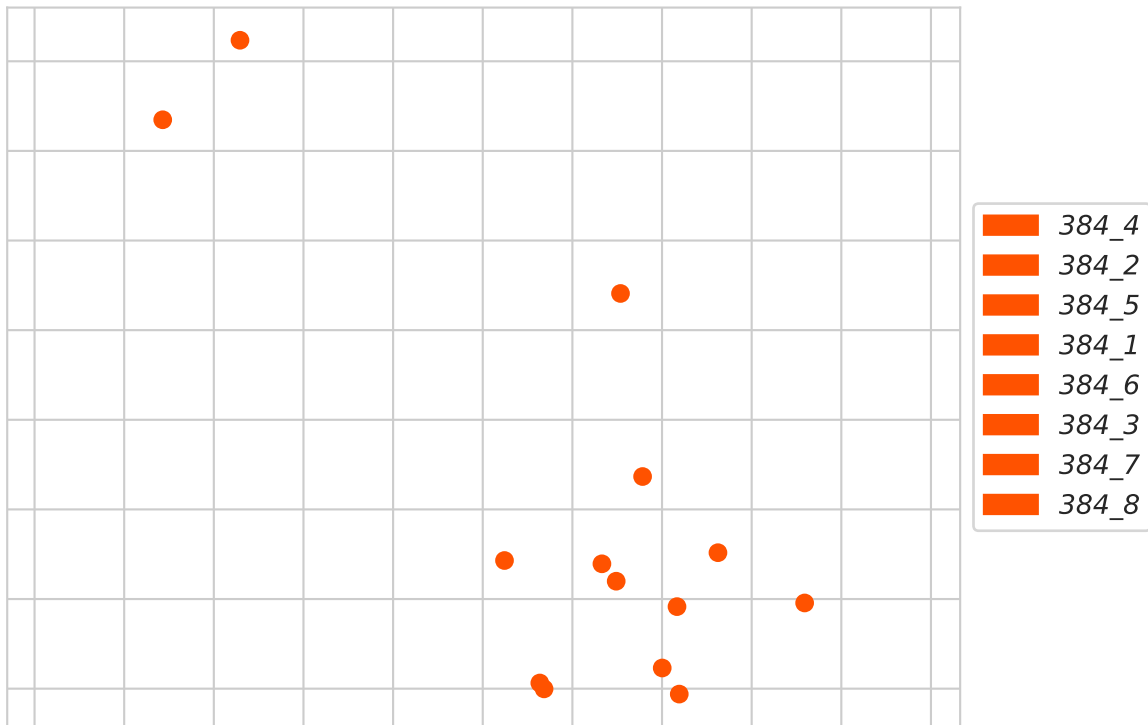


Primary cluster 383; grid spacing: 1.0% ANI

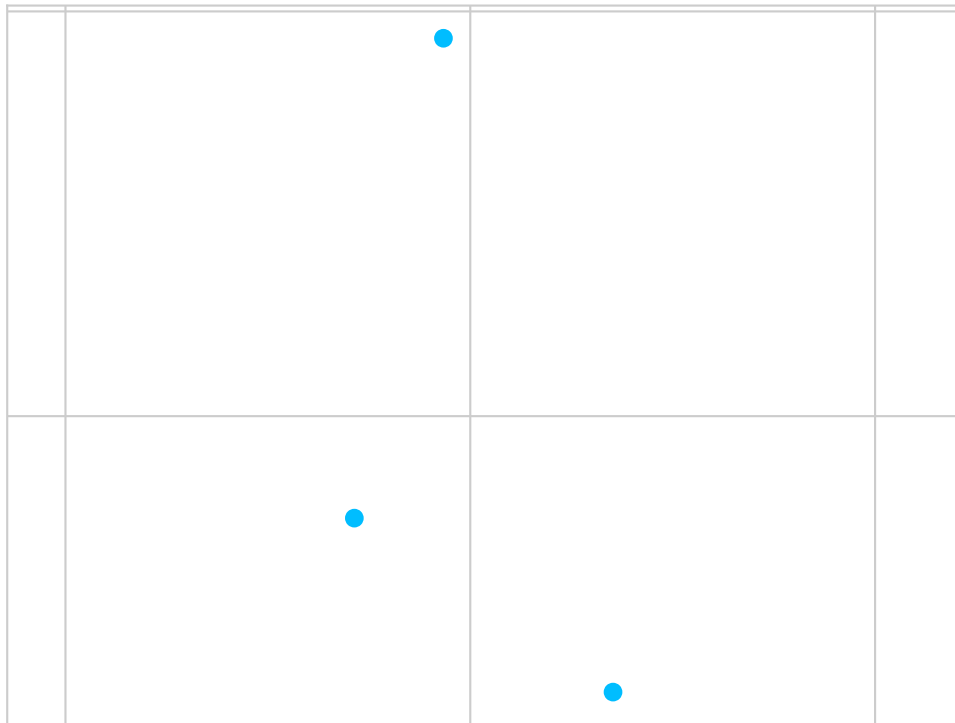


383\_1

Primary cluster 384; grid spacing: 1.0% ANI

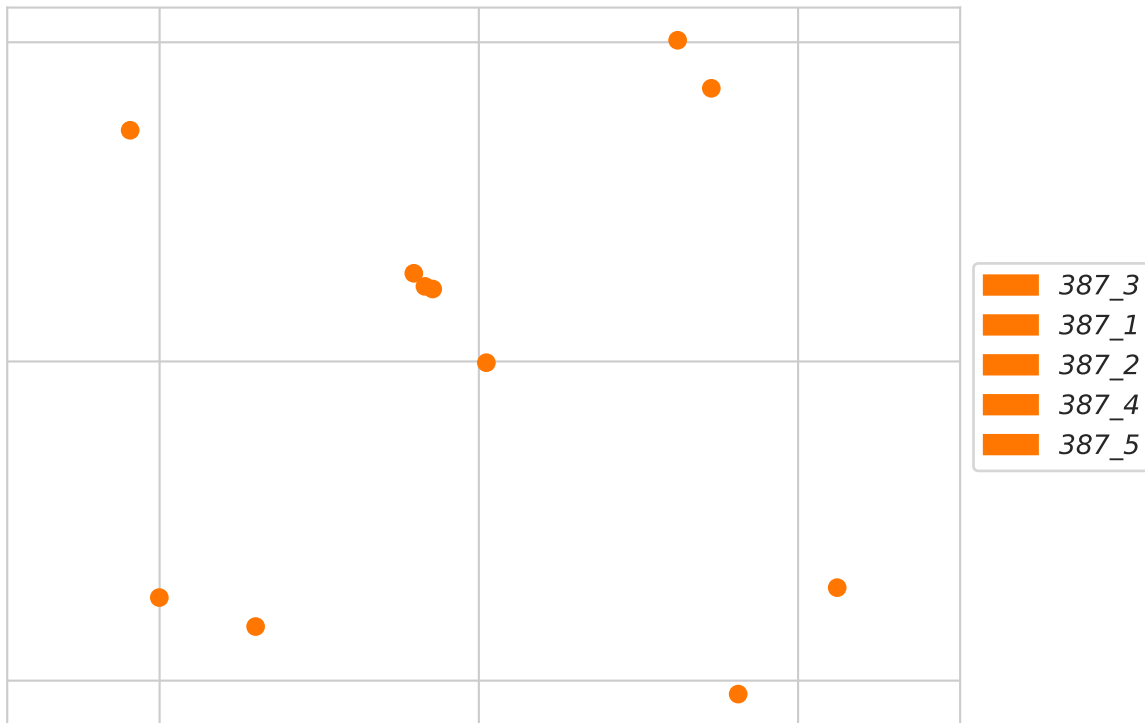


Primary cluster 386; grid spacing: 1.0% ANI

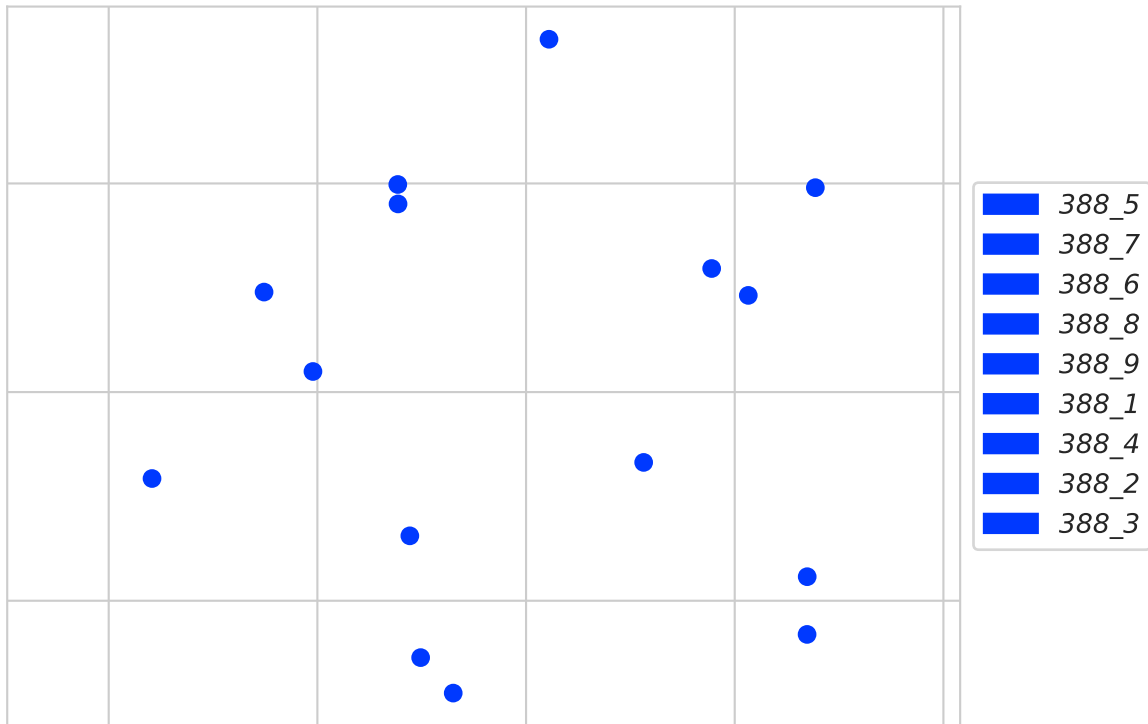


386\_1  
386\_2

Primary cluster 387; grid spacing: 1.0% ANI

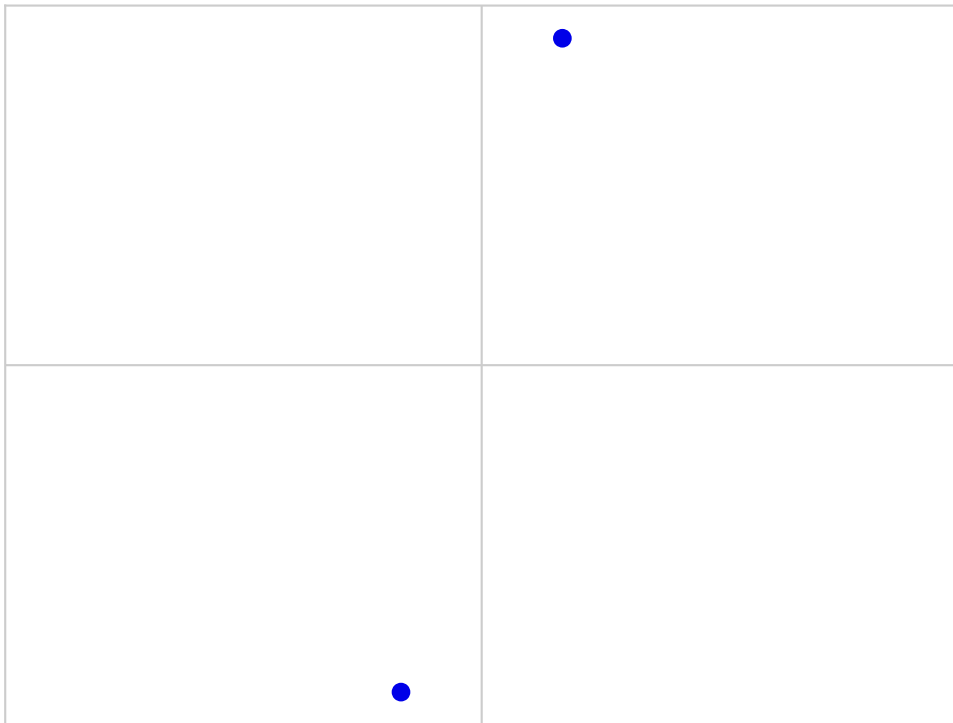


Primary cluster 388; grid spacing: 1.0% ANI



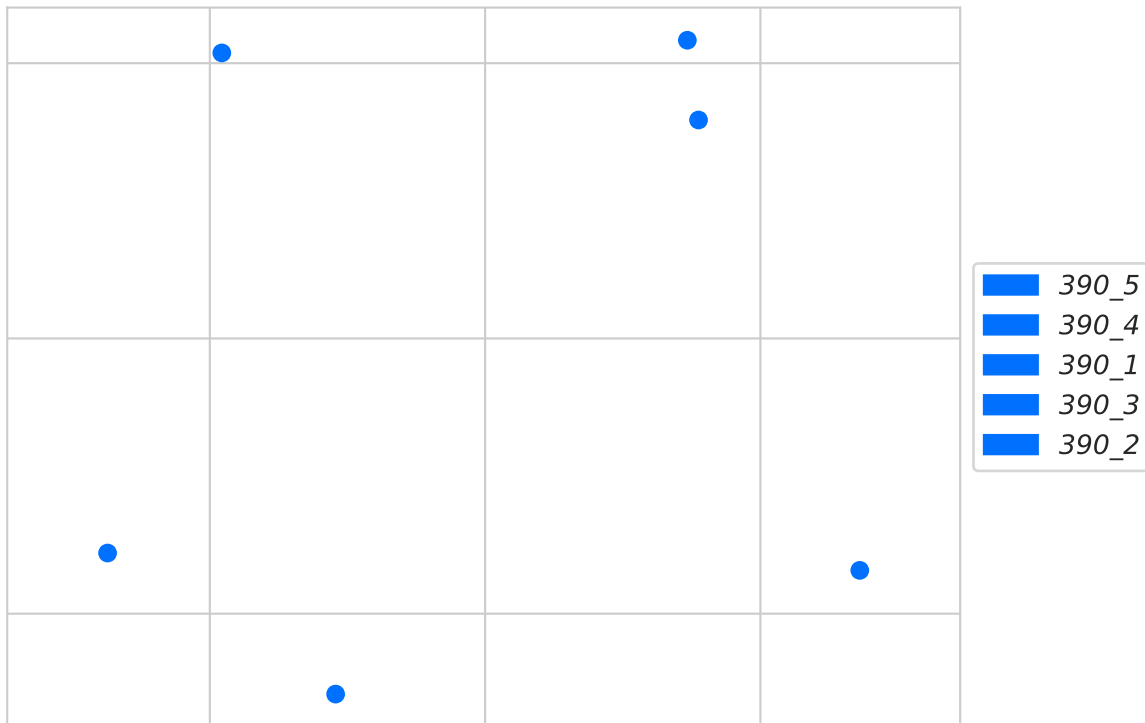


Primary cluster 389; grid spacing: 1.0% ANI

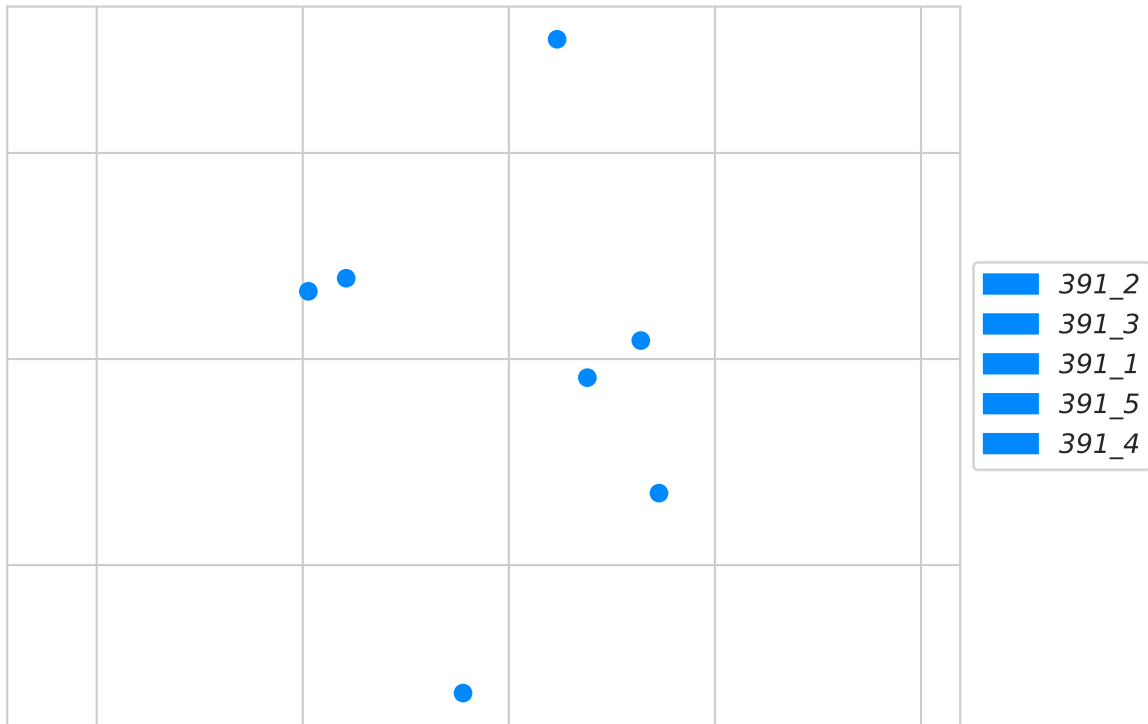


 389\_1

Primary cluster 390; grid spacing: 1.0% ANI



Primary cluster 391; grid spacing: 1.0% ANI



Primary cluster 392; grid spacing: 1.0% ANI

