I'm encountering a critical issue where my Flutter application is unable to access tables within the public schema, despite the database being fully operational and accessible through direct queries.

Any client-side call such as:

supabase.from('profiles').select()
fails with the following error:

42P01: relation "public.profiles" does not exist
However, when I run the same query directly in the Supabase SQL editor or via psql, it works perfectly:

SELECT * FROM public.profiles;

Environment
-Project ref: vocklyjnkribgsngkhet
-supabase-flutter: 2.9.1
-Dart version: 3.2.3
-Flutter: 3.32.6
-Tested platform: Android (physical device)
-RLS (Row Level Security): Enabled on public.profiles, with policies allowing SELECT, INSERT, and UPDATE for roles 'anon' and 'authenticated'

What I've Verified:

1.Keys and URLs: Confirmed Supabase project URL and anon key are correct and match the current project.
2.Schema and Naming: The table public.profiles exists (verified via \dt public.* and in the Supabase dashboard).
3.Policies: Valid RLS policies exist for the required operations.
4.Environment Consistency: Table exists in the deployed production environment; all migrations are applied.
5.Explicit Schema Reference: Tried using .from('public.profiles') — still returns the same 42P01 error.
6.App Reset: Restarted the development server, performed hot reloads, and cleared cache — no effect.
7.Service Role Key: Even when using the service role key for testing, the same error persists.
8.Redirect URLs: All auth and redirect URLs are properly configured in the dashboard.

Request for Support

1.What could be the root cause of this error, especially since everything works through the dashboard but not via the app?
2.Could this be a PostgREST schema cache issue? If yes, would you be able to manually trigger a cache reload using:

NOTIFY pgrst, 'reload schema';
3.Are there any known issues in the current supabase-flutter version that could lead to this error?
4.Are there logs on your end showing the SQL generated or any indication of where the relation resolution is failing?
5.Is there any chance my project ref or API URL is pointing to an incorrect instance or environment?
6.Does the Supabase Flutter client require explicit schema declaration to resolve public?

Minimal Reproduction Code (Dart):

final supabase = Supabase.instance.client;

final response = await supabase
  .from('profiles')
  .select();

print(response); // 42P01: relation "public.profiles" does not exist.

This issue is blocking key functionality in my project, and I would sincerely appreciate your help in resolving it as soon as possible. Please let me know if any additional information or logs are required from my end.