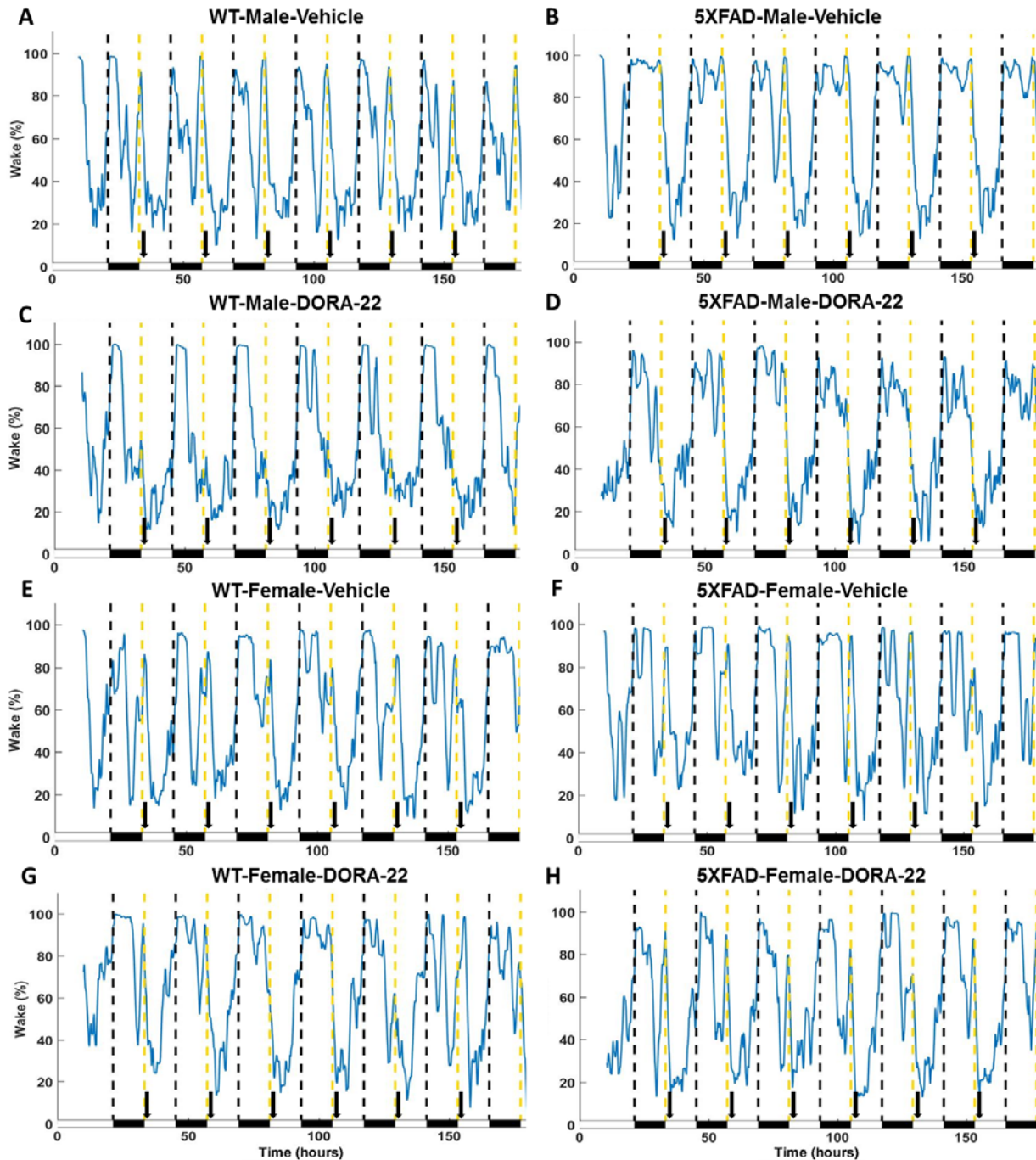


Sleep-wake profiles--during dosing



Representative sleep-wake profiles of wild type and 5XFAD mice during the 5th week of dosing with vehicle or DORA-22 (100 mg/kg).

The percent wake on the Y-axis is represented as a sliding average over a 2-h window. Hours of recording are plotted on the X-axis where 0 represents the midnight of day 1. Dashed vertical lines demarcate the dark phase, which is also indicated at the bottom as a heavy horizontal black line. (A) Wild type-male-vehicle, (B) 5XFAD-male-vehicle, (C) Wild type-male-DORA-22, (D) 5XFAD-male-DORA-22, (E) Wild type-female-vehicle, (F) 5XFAD-female-vehicle, (G) Wild type-female-DORA-22, (H) 5XFAD-female-DORA-22. Black arrows represent when mice were treated.