S1 Fig. Manhattan plots for genome-wide association studies of sleep and activity traits, derived sleep traits, and circadian traits.

(a) Trait: mean activity levels during sleep

(b) Trait: activity variability during wake
(c) Trait: sleep duration < 5 hours

(d) Trait: sleep duration > 10 hours
(e) Trait: sleep start time

(f) Trait: sleep end time
(g) Trait: 1-day periodicity

(h) Trait: 1/2-day periodicity

(i) Trait: 1/3-day periodicity