

**Figure S1. Boxplot visualization of baseline buprenorphine dosing across *OPRM1* rs1799971 genotype.** The GOALS cohort included two genotypes (A/A on the left) and (A/G on the right). Each plotted box ranges from the 25<sup>th</sup> to the 75<sup>th</sup> percentile of the distribution. Whiskers extend in either direction to 1.5 times the interquartile range from each end of the box, or to the most extreme data point, whichever is less extreme.

**Figure S2. Boxplot visualization of baseline buprenorphine dosing across *CYP3A4* rs2740574 genotype.** The GOALS cohort included all three genotypes (C/C on the left), C/T in the middle and (T/T on the right). Each plotted box ranges from the 25<sup>th</sup> to the 75<sup>th</sup> percentile of the distribution. Whiskers extend in either direction to 1.5 times the interquartile range from each end of the box, or to the most extreme data point, whichever is less extreme.