How binging creates alcohol tolerance in flies

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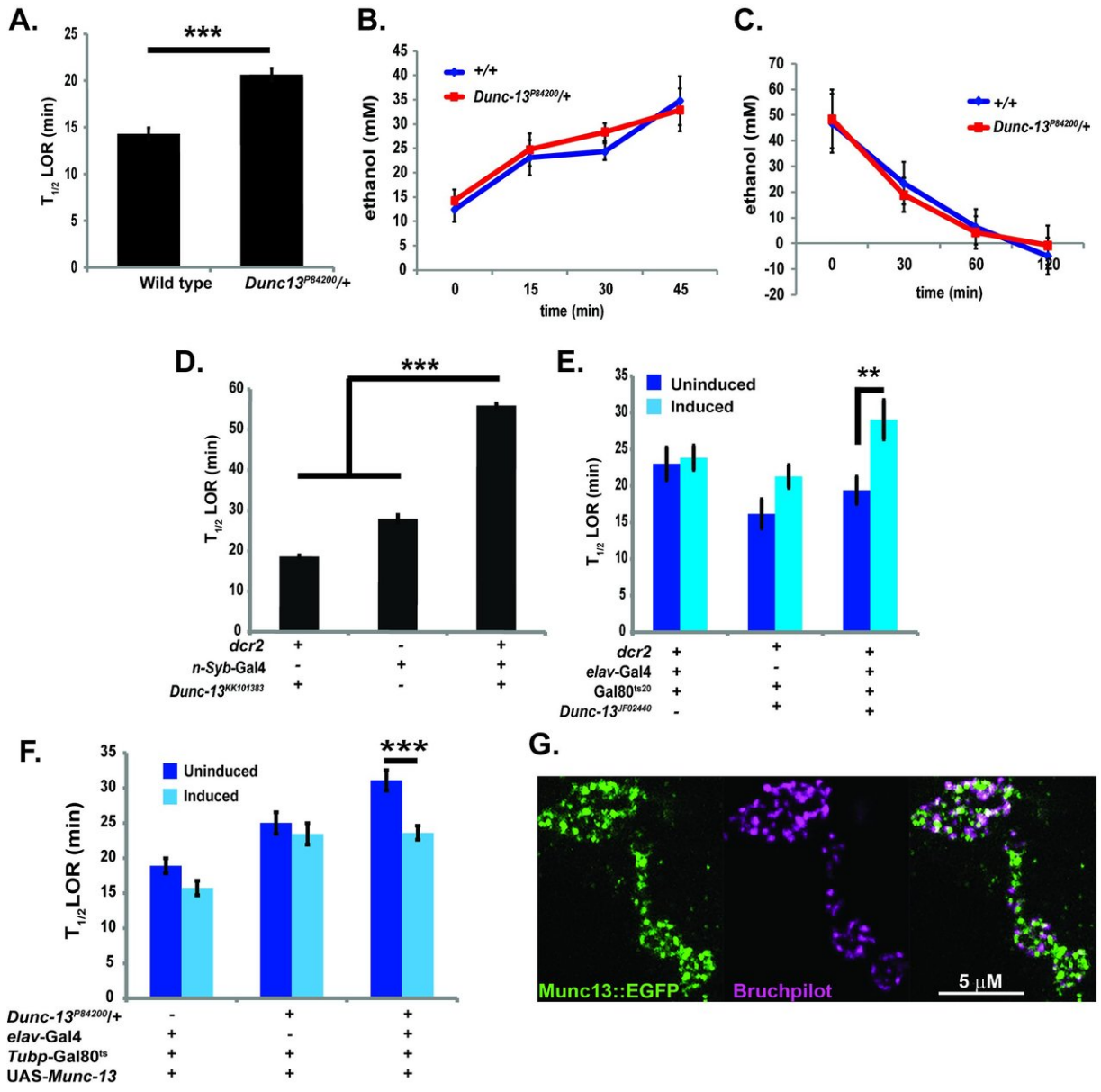

A. The Dunc13P84200/+ heterozygotes require a greater time to reach 50% loss-of649righting (T1/2 LOR) reflex levels. (***p0.05, n=6). C. The ability of

Dunc13P84200/+ and control flies to metabolize ethanol was determined by first exposing flies to ethanol vapor for 45 min, and then by measuring the ethanol remaining in the flies 0, 30, 60, 120 min after the exposure. No significant differences in ethanol metabolism were detected at each time point (t=0.037, p>0.05, n=6). D. The neural expression of the Dunc13KK101383 RNAi transgene led to significantly slower T1/2 LOR compared to the genotype controls (***p