



**Figure S2. Male preponderance of HCC in Mutant 1 mice.** Shown is the incidence of HCC in Mutant 1 mice (49 male and 15 female) and non-transgenic littermates (33 male and 13 female) at 2 years of age. Significant difference between the male and female Mutant 1 mice is indicated by an asterisk ( $P < 0.05$ ).