



**Figure S1. Multiple *hiw* alleles show insensitivity in thermal nociception.** The *hiw*<sup>ND8</sup>, *hiw*<sup>ΔN</sup> and *hiw*<sup>ΔC</sup> mutants all showed a longer latency to respond to a 46°C thermal probe than controls (*w*<sup>1118</sup>). n = 63, 46, 53 and 39 respectively. \*\*\* p < 0.001 (Steel's test versus control). All error bars represent standard error.