**Table S1: Comparison of limb excursion angles during stance in Control and Longshanks mice.** Data reported as means ± SEM (in degrees), in a small sample of 10 mice unrelated to the mice used in this study. The angle values for each individual were based on 4-5 steps. No significant differences were found between the lines in any of the angles (two-tailed t-tests, 0.13<p<0.83).

|  |  |  |  |
| --- | --- | --- | --- |
| **Line** | **Protraction angle (°)** | **Retraction angle (°)** | **Excursion angle (°)** |
| Control (n=5) | 45.9 (2.8) | 25.8 (1.2) | 71.8 (2.4) |
| Longshanks (n=5) | 52.6 (2.8) | 25.0 (3.6) | 77.6 (5.1) |
| Pooled (n=10) | 49.2 (2.2) | 25.5 (1.8) | 74.7 (2.8) |