|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Stimulus-response curves: Statistics** | | | | | | | |
|  | 0-10 | 10-50 | 50-100 | 100-250 | 250-500 | 500-1000 | Ordinary Two-way ANOVA |
| **WT C57Bl/6** | | | | | | |  |
| Chondrocytes vs de-differentiated | NA | \* *P*=0.02  (17,12) | NS  (19,12) | \*\* *P*=0.004  (22,13) | NS  (19,10) | NS  (15,7) | \* *P*=0.03  F (1, 146) = 4.631 |

|  |  |  |
| --- | --- | --- |
| **HSPC outside out patches** | | |
|  | WT chondrocytes | WT dedifferentiated cells |
| Number of litters | 3 | 3 |
| Cell patches | 12 | 13 |
| Maximal current (pA) mean (± s.e.m.) | 45.2 ± 7.5 | 48.6 ± 6.7  vs WT chondrocytes NS |

**Source data figure 3**